



Department for
Business & Trade

Trade and Investment Factsheets

Luxembourg

This factsheet provides the latest statistics on trade and investment between the UK and Luxembourg.

Date of release: 20 June 2024; Date of next planned release: 18 July 2024

Total trade in goods and services (exports plus imports) between the UK and Luxembourg was **£19.6 billion** in the four quarters to the end of Q4 2023, an increase of 9.7% or £1.7 billion in current prices from the four quarters to the end of Q4 2022. Of this £19.6 billion:

- Total UK **exports** to Luxembourg amounted to £12.1 billion in the four quarters to the end of Q4 2023 (an increase of 0.9% or £112 million in current prices, compared to the four quarters to the end of Q4 2022);
- Total UK **imports** from Luxembourg amounted to £7.5 billion in the four quarters to the end of Q4 2023 (an increase of 27.5% or £1.6 billion in current prices, compared to the four quarters to the end of Q4 2022).

Luxembourg was the UK's 22nd largest trading partner in the four quarters to the end of Q4 2023 accounting for 1.1% of total UK trade.¹

In 2021, the **outward stock of foreign direct investment (FDI)** from the UK in Luxembourg was £127.2 billion accounting for 7.2% of the total UK outward FDI stock.

In 2021, the **inward stock of foreign direct investment (FDI)** in the UK from Luxembourg was £121.3 billion accounting for 6.1% of the total UK inward FDI stock.²

¹ Trade data sourced from the latest ONS publication of [UK total trade: all countries seasonally adjusted](#) data.

² Investment data sourced from ONS publication on [Foreign Direct Investment Involving UK Companies](#).

About these statistics

This factsheet presents the latest statistics on trade and investment between the UK and Luxembourg. It summarises a wide range of publicly available data, from data providers such as the Office for National Statistics (ONS) and HM Revenue and Customs (HMRC), as well as international data providers.

This factsheet is part of a wider range produced by the Department for Business and Trade which draws together many data sources into one single compendium document for each individual trade and investment partner. The full set of factsheets for different individual partners can be found on the [Trade and Investment Factsheets website](#) on GOV.UK.

Where data are available, these factsheets contain metrics on:

- [Headline trade statistics between the UK and each trading partner for the latest four quarters.](#)
- [Trade statistics by commodity and service type.](#)
- [Trade between the UK and each trading partner, broken down by UK country and English region.](#)
- [Trade in services between the UK and each trading partner, broken down by mode of supply](#)
- [UK's market share as a total of all imports for each trading partner.](#)
- [Number of VAT-registered businesses trading goods.](#)
- [UK's Foreign Direct Investment \(FDI\) with each investment partner.](#)
- [Summary trade and investment data as reported by each trade and investment partner, as well as economic data and projections.](#)

All statistics are correct at the time of publication, with upcoming release dates available on the [Government update schedule for Official Statistics](#). The Department for Business and Trade strongly recommends users download the latest factsheet to ensure the most up-to-date statistics are used. Please do not use previous factsheets to analyse earlier time periods than those shown in the most recent factsheets, as the data will have been revised and previous factsheets will no longer be correct. For analysis of earlier time periods, please use the published source data.

For the most up to date snapshot of the UK's trade and investment position with all partners, please see the [UK trade in numbers](#) publication or the [trade and investment core statistics book](#). These statistics are based on the same data sources as this factsheet and therefore are comparable. A list of all [Official Statistics](#) publications from the Department for Business and Trade can be found online.

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Summary trade and investment statistics for Luxembourg

UK trade with Luxembourg, in current prices (based on the latest four quarters)³:

Trade	Value in the four quarters to the end of Q4 2023	Change from the four quarters to the end of Q4 2022
Total trade	£19.6 billion	an increase of 9.7% or £1.7 billion
Ranking out of all the UK's trading partners	22nd	
Total UK exports	£12.1 billion	an increase of 0.9% or £112 million
Ranking out of all the UK's export partners	19th	
UK exports in goods (percentage of total UK exports that were goods)	£566 million (4.7%)	a decrease of 12.5% or £81 million
UK exports in services (percentage of total UK exports that were services)	£11.5 billion (95.3%)	an increase of 1.7% or £193 million
Total UK imports	£7.5 billion	an increase of 27.5% or £1.6 billion
Ranking out of all the UK's import partners	23rd	
UK imports in goods (percentage of total UK imports that were goods)	£733 million (9.8%)	an increase of 5.9% or £41 million
UK imports in services (percentage of total UK imports that were services)	£6.8 billion (90.2%)	an increase of 30.4% or £1.6 billion

UK market share in Luxembourg⁴:

UK market share for total trade	Value in 2022	Change from 2021
Total UK market share	10.6%	an increase of 0.5 percentage points
UK market share for goods only	2.9%	a decrease of 0.1 percentage points
UK market share for services only	12.5%	an increase of 0.7 percentage points

UK Foreign Direct Investment (FDI) with Luxembourg⁵:

UK FDI	Value in 2021	Change from 2020
Total UK outward FDI	£127.2 billion	an increase of 25.4% or £25.8 billion
Total UK inward FDI	£121.3 billion	an increase of 5.6% or £6.4 billion

Economic statistics and projections using gross domestic product (GDP) for Luxembourg⁶:

Economic statistics	2020	2021	2022	2023
Economic growth, using GDP in real terms, compared to the previous year	-0.9%	7.2%	1.4%	-1.1%
GDP per capita in \$USD (in thousands)	117.6	134.9	126.6	129.8

Luxembourg was the 74th largest economy in 2023, in terms of gross domestic product (GDP).

³ Trade data sourced from Office for National Statistics data on [UK total trade \(seasonally adjusted data\)](#).

⁴ UK market share data calculated using the methodology outlined in the [market share section](#) in the factsheet, based on data from the Office for National Statistics and United Nations Conference on Trade and Development.

⁵ FDI data sourced from the Office for National Statistics publication [Foreign Direct Investment Involving UK Companies](#).

⁶ Economic data sourced from the International Monetary Fund [World Economic Outlook](#) databases; Estimates and projections are given in italics; GDP rankings where provided are based on values in current prices (nominal terms) in \$USD, where some partner values are based on estimates which may influence the rankings when revised.

Trade with Luxembourg, in current prices (ONS)^{7 8 9}

Trade definitions

UK exports - Goods and services that were produced or sourced in the UK, which were sold to Luxembourg.

UK imports - Goods and services that were sold to the UK, which were produced or sourced by Luxembourg.

Total or 'bilateral' trade - The value of total trade between the UK and Luxembourg (exports plus imports).

Trade balance - The difference between exports and imports, calculated by UK exports minus UK imports.

Trade surplus - This occurs when the value of UK exports to Luxembourg is greater than the value of UK imports from Luxembourg.

Trade deficit - This occurs when the value of UK exports to Luxembourg is less than the value of UK imports from Luxembourg.

Headline trade statistics include trade in non-monetary gold (reported within the unspecified goods category), which can significantly affect trends for some partners. Please see the factsheet [quality and methodology report](#) for more information. These statistics are given on a balance of payments (change of ownership) basis.

Note: *The latest data include trade between January 2023 and December 2023. Trade has been affected by the COVID-19 pandemic and the associated lockdown measures globally. Consequently, data quality has been affected and may be subject to larger revisions than normal. All figures are reported in current prices (not adjusted for inflation), unless otherwise stated. We recognise that some of the recent increases in UK trade values will be partly due to price increases.*

Total trade in goods and services (exports plus imports) between the UK and Luxembourg was £19.6 billion in the four quarters to the end of Q4 2023, an increase of 9.7% or £1.7 billion in current prices from the four quarters to the end of Q4 2022.

In the four quarters to the end of Q4 2023, **total UK exports** to Luxembourg amounted to £12.1 billion (an increase of 0.9% or £112 million in current prices, compared to the four quarters to the end of Q4 2022).

Of all UK exports to Luxembourg in the four quarters to the end of Q4 2023, £566 million (4.7%) were **goods** and £11.5 billion (95.3%) were **services**. In the four quarters to the end of Q4 2023, **UK exports of goods** to Luxembourg decreased by 12.5% or £81 million in current prices, compared to the four quarters to the end of Q4 2022 while **UK exports of services** to Luxembourg increased by 1.7% or £193 million in current prices, compared to the four quarters to the end of Q4 2022.

In the four quarters to the end of Q4 2023, **total UK imports** from Luxembourg were £7.5 billion (an increase of 27.5% or £1.6 billion in current prices, compared to the four quarters to the end of Q4 2022).

Of all UK imports from Luxembourg in the four quarters to the end of Q4 2023, £733 million (9.8%) were **goods** and £6.8 billion (90.2%) were **services**. In the same period, **UK imports of goods** from Luxembourg increased by 5.9% or £41 million in current prices, compared to the four quarters to the end of Q4 2022 while **UK imports of services** from Luxembourg increased by 30.4% or £1.6 billion in current prices, compared to the four quarters to the end of Q4 2022.

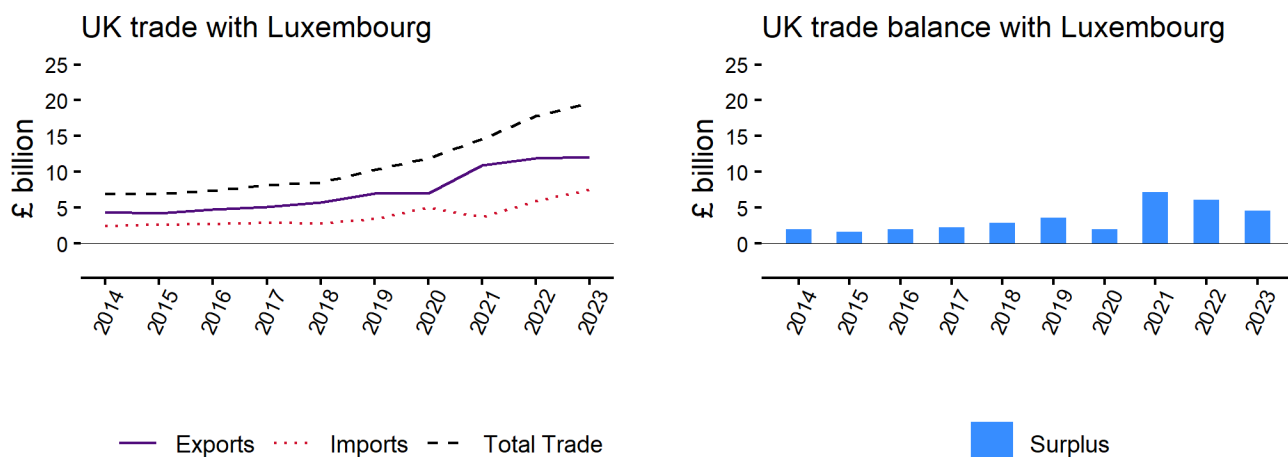
This means the UK reported a **total trade surplus** of £4.6 billion with Luxembourg, compared to a trade surplus of £6.1 billion in the four quarters to the end of Q4 2022. In the four quarters to the end of Q4 2023, the UK had a **trade in goods deficit** of £167 million with Luxembourg, compared to a trade in goods deficit of £45 million in the four quarters to the end of Q4 2022. Meanwhile, in the four quarters to the end of Q4 2023 the UK reported a **trade in services surplus** of £4.7 billion with Luxembourg, compared to a trade in services surplus of £6.1 billion in the four quarters to the end of Q4 2022.

⁷ Office of National Statistics (ONS) data source for total trade: [UK total trade data \(seasonally adjusted\)](#).

⁸ This factsheet contains data as reported by the UK, users are advised to use UK-reported data where possible for consistency between partners. These data are subject to [asymmetries](#) e.g. the value of UK exports to Luxembourg (reported by the UK) may not match the value of Luxembourg imports from the UK (reported by Luxembourg).

⁹ Data are in nominal terms, meaning no adjustment has been made to account for changes in inflation or exchange rate. The totals may not exactly match the sum of their parts due to rounding.

The charts below present a time series for trade between the UK and Luxembourg for each year between 2014 and 2023:



Source: ONS, UK trade in goods and services, Q4 2023

The data that are presented in the charts above are given in the table below in £ billion:

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Value of total trade	6.9	6.9	7.3	8.1	8.5	10.3	11.9	14.6	17.8	19.6
Value of exports	4.4	4.2	4.7	5.1	5.7	7.0	7.0	10.9	11.9	12.1
Value of imports	2.4	2.6	2.7	2.9	2.8	3.4	5.0	3.7	5.9	7.5
Trade balance	+2.0	+1.6	+2.0	+2.2	+2.9	+3.6	+2.0	+7.2	+6.1	+4.6

In the four quarters to the end of Q4 2023, Luxembourg was the UK's:¹⁰

- **22nd largest trading partner** (accounting for 1.1% of total UK trade).
 - 55th largest **goods** trading partner (0.1% of UK goods trade).
 - 9th largest **services** trading partner (2.3% of UK services trade).
- **19th largest export market** (accounting for 1.4% of total UK exports).
 - 54th largest **goods** export market (0.1% of UK goods exports).
 - 7th largest **services** export market (2.4% of UK services exports).
- **23rd largest import market** (accounting for 0.8% of total UK imports).
 - 56th largest **goods** import market (0.1% of UK goods imports).
 - 11th largest **services** import market (2.1% of UK services imports).

More timely data, for trade in goods only¹¹, show that UK exports of goods to Luxembourg decreased by 3.1% the 12 months to April 2024 in current prices, compared to the same period the previous year. UK imports of goods from Luxembourg increased by 9.2%, in current prices, over the same period.

Note: As these data are presented for the 12 months ending April 2024, the UK and its trading partners have been affected by lockdown and other measures during the COVID-19 pandemic. Data quality has also been affected and may be subject to larger revisions than usual. Please note, these data are in current prices.

¹⁰ Rankings are based on the ONS dataset which contains data for all individual partners: [UK total trade data \(seasonally adjusted\)](#).

¹¹ ONS data source for trade in the latest 12 months up to April 2024: [UK Trade data \(seasonally adjusted\)](#). More timely data for trade in goods reports the latest 12 month period, which includes data during 2021 and 2022. Due to a change in data collection methodology for Great Britain imports from the EU, data collected in 2022 are not fully comparable with data collected in 2021. More information on this methodology change can be found in an [article by the ONS](#).

Trade in goods by commodity, in current prices (ONS)^{12 13}

Please note, these data are presented on a non-seasonally adjusted basis and are not directly comparable to seasonally adjusted data, including the headline trade statistics presented before.

The **top 5 goods exported by the UK to Luxembourg** in the four quarters to the end of Q4 2023 were:

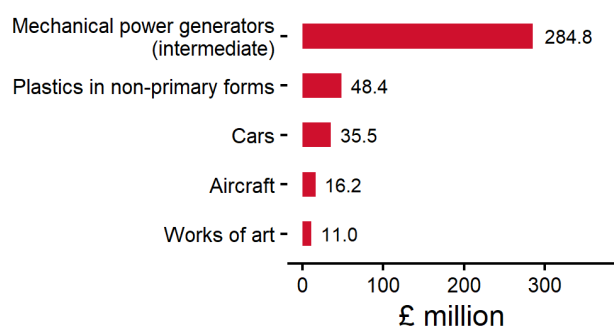
- 71MI - Mechanical power generators (intermediate) (£284.8 million or 50.3% of all UK goods exported to Luxembourg)
- 58 - Plastics in non-primary forms (£48.4 million or 8.5%)
- 78M - Cars (£35.5 million or 6.3%)
- 792 - Aircraft (£16.2 million or 2.9%)
- 896 - Works of art (£11.0 million or 2.0%)

The **top 5 goods imported by the UK from Luxembourg** in the four quarters to the end of Q4 2023 were:

- 71MI - Mechanical power generators (intermediate) (£181.0 million or 24.7% of all UK goods imported from Luxembourg)
- 67 - Iron & steel (£88.0 million or 12.0%)
- 65 - Textile fabrics (£67.8 million or 9.2%)
- 77I - Miscellaneous electrical goods (intermediate) (£31.1 million or 4.2%)
- 74K - General industrial machinery (capital) (£29.6 million or 4.0%)

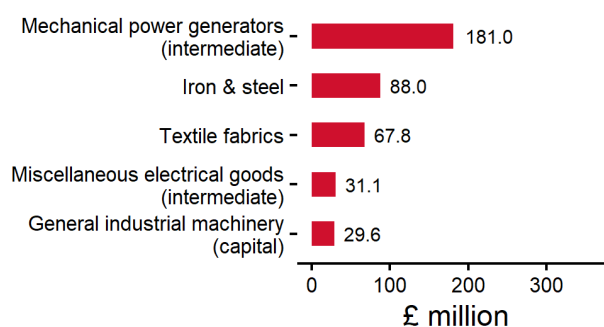
The chart below shows the top 5 products exported by the UK to Luxembourg and the top 5 products imported by the UK from Luxembourg, by value, in the four quarters to the end of Q4 2023. All data shown in the chart are provided in the text above.

The top 5 UK goods exports, in the four quarters to the end of Q4 2023, to Luxembourg



Source: ONS, April 2024

The top 5 UK goods imports, in the four quarters to the end of Q4 2023, from Luxembourg



Source: ONS, April 2024

¹² Data on trade in goods by commodity are sourced from data by the ONS: [UK trade release \(non-seasonally adjusted\)](#). These statistics for [exports](#) and [imports](#) present the latest data from the April 2024 ONS publication which are given on a monthly basis.

¹³ The commodities are categorised based on [SITC](#) codes using a mixture of level 2 and level 3 codes.

Trade in services by service type, in current prices (ONS)^{14 15 16}

Please note, these data are presented on a non-seasonally adjusted basis and are not directly comparable to seasonally adjusted data, including the headline trade statistics presented before.

The **top 5 service types exported from the UK to Luxembourg** in the four quarters to the end of Q4 2023 were:

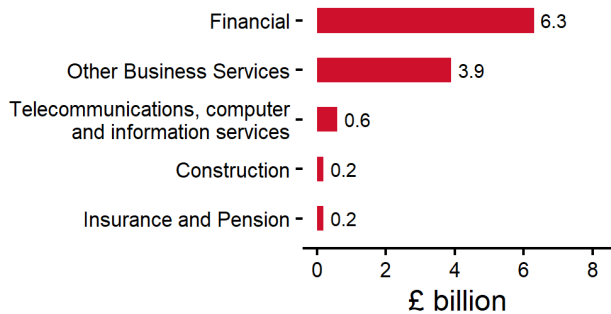
- Financial (£6.3 billion or 55.1% of all UK services exported to Luxembourg)
- Other Business Services (£3.9 billion or 33.7%)
- Telecommunications, computer and information services (£594 million or 5.2%)
- Construction (£209 million or 1.8%)
- Insurance and Pension (£178 million or 1.5%)

The **top 5 service types imported to the UK from Luxembourg** in the four quarters to the end of Q4 2023 were:

- Other Business Services (£4.7 billion or 68.8% of all UK services imported from Luxembourg)
- Telecommunications, computer and information services (£1.5 billion or 21.6%)
- Financial (£229 million or 3.4%)
- Intellectual property (£93 million or 1.4%)
- Transportation (£75 million or 1.1%)

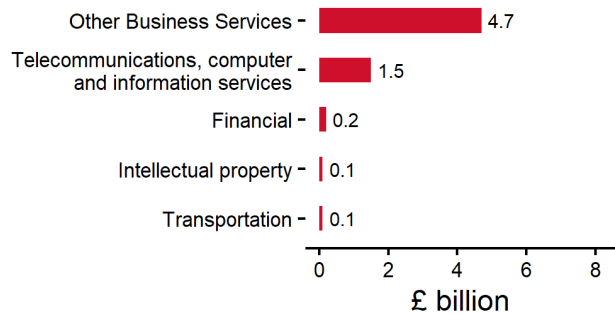
The chart below shows the top 5 service types exported from the UK to Luxembourg and the top 5 service types imported to the UK from Luxembourg, by value, in the four quarters to the end of Q4 2023. All data shown in the chart are provided in the text above.

The top 5 UK services exports, in the four quarters to the end of Q4 2023, to Luxembourg



Source: ONS, Q4 2023

The top 5 UK services imports, in the four quarters to the end of Q4 2023, from Luxembourg



Source: ONS, Q4 2023

¹⁴ Trade in services by service type is sourced from data by the ONS: [UK trade in services by partner country \(non-seasonally adjusted\)](#).

¹⁵ Data are classified on the [EBOPS 2010](#) basis. 'Other business services' include: Research and development, professional and management consulting services, technical services and trade related services. A full description of all service types can be found on the [UN Statistics Division website](#).

¹⁶ Service type data may be unavailable for some quarters, due to the suppression of figures for the confidentiality of individual traders.

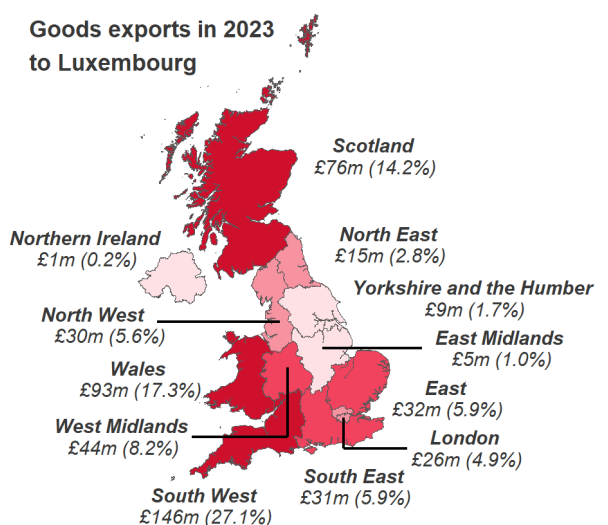
Trade in goods by UK countries and English regions, in current prices (HMRC)^{17 18}

Regional trade definitions

UK regions - The UK is categorised into 12 regions based on the International Territorial level 1 (ITL1). This level includes 9 regions in England, as well as Wales, Scotland and Northern Ireland.

Regional trade data - The data are compiled by merging HM Revenues & Customs (HMRC) trade data with employment data from the Interdepartmental Business Register (IDBR) so a business' trade can be allocated to a UK region based on the proportion of its employees employed in that region. Where a trader is not matched with the IDBR, its trade is matched with ONS postcode data to obtain the UK region in which the Head Office of the VAT-registered business is based.

The maps below show the value of UK goods exports and imports between each UK region and Luxembourg in 2023. The maps are shaded with the 3 UK regions with the highest amount of trade as the darkest colour, and the 3 UK regions with the lowest amount of trade as the lightest colour.



Contains Ordnance Survey and National Statistics data © Crown copyright and database right [2017]

Source: HMRC, June 2024



Contains Ordnance Survey and National Statistics data © Crown copyright and database right [2017]

Source: HMRC, June 2024

The data that are presented in the maps above for 2023 in £ million are also given in the table below:

UK country or English region	North East	North West	Yorkshire and the Humber	East Midlands	West Midlands	East	London	South East	South West	Wales	Scotland	Northern Ireland
Value of goods exports to Luxembourg	15	30	9	5	44	32	26	31	146	93	76	1
Percentage of total goods exports to Luxembourg	2.8%	5.6%	1.7%	1.0%	8.2%	5.9%	4.9%	5.9%	27.1%	17.3%	14.2%	0.2%
Value of goods imports from Luxembourg	9	42	33	35	80	40	36	46	94	73	35	67
Percentage of total goods imports from Luxembourg	1.2%	5.9%	4.6%	4.9%	11.2%	5.6%	5.0%	6.4%	13.2%	10.2%	4.9%	9.4%

Note that these figures from HMRC are reported on a physical movement basis and are **not directly comparable** to trade data from ONS which are reported on a change of ownership basis. **Percentages will not total 100%** as data not allocated to a single UK country or English region are not presented.

¹⁷ HMRC data source for regional UK trade data: [HMRC Regional Trade Statistics](#) (data extracted from the spreadsheet download using the HMRC [interactive tables](#)).

¹⁸ Totals presented here will differ from overall HMRC trade figures due to the exclusion of trade in non-monetary gold and non-response estimates and the exclusion of data not allocated to a UK country or region. Figures for 2023 are provisional and subject to change.

Trade in services by mode of supply, in current prices (ONS)^{19 20}

Trade in Services by Mode of Supply definitions

Modes of Supply define the way services trade is conducted. The World Trade Organisation's [General Agreement on Services](#) categorises methods for trade in services into four different modes of supply, which depend upon on the territorial presence of the supplier and the consumer at the time of transaction.

Mode 1 - Remote trade (a supplier in one country sells a service to a customer in another, without the movement of people).

Mode 2 - Consumption abroad (the person receiving the service travels to the supplier's country).

Mode 3 - Commercial presence (e.g. a company subsidiary) - this mode is not counted as part of UK services trade on a balance of payments basis and is not reported in this release. This means that total figures are only the total of Modes 1, 2 and 4.

Mode 4 - Presence of natural persons (a supplier sends its personnel to the customer's country to provide service).

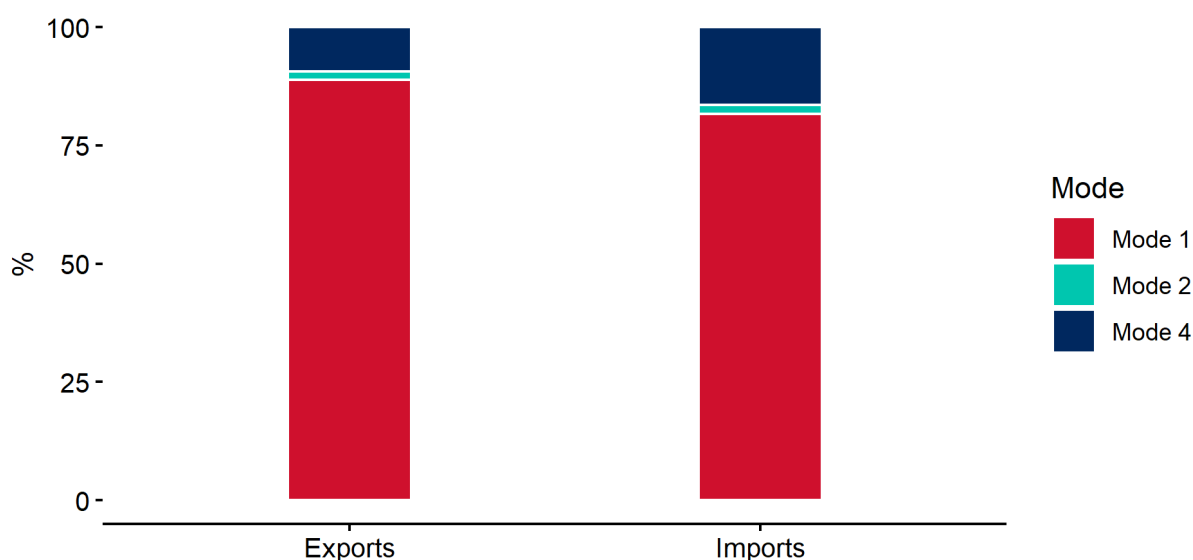
UK services exports to Luxembourg by mode of supply in 2021:

- £9.0 billion of services exports to Luxembourg were delivered by Mode 1 (88.8%).
- £187 million of services exports were delivered by Mode 2 (1.8%).
- £949 million of services exports were delivered by Mode 4 (9.4%).

UK services imports from Luxembourg by mode of supply in 2021:

- £3.0 billion of services imports from Luxembourg were delivered by Mode 1 (81.7%).
- £68 million of services imports were delivered by Mode 2 (1.9%).
- £602 million of services imports were delivered by Mode 4 (16.4%).

Proportion of total trade flows of services with Luxembourg by Modes 1, 2, & 4 in 2021 (%)



Source: ONS, 2021

¹⁹ ONS data source for UK Trade in Services by Mode of Supply: [ONS Imports and exports of services by country, by modes of supply, UK](#)

²⁰ Data included in this ONS release are experimental estimates.

UK Market Share (ONS and UNCTAD)^{21 22}

Market Share definitions

UK market share – Imports from the UK as a percentage of all the goods and services imported by Luxembourg. Market share is provided for total imports from the UK, as well as for goods and services separately.

Market share methodology – These UK market share statistics are derived by the Department for Business and Trade, using publicly available data from the Office of National Statistics (ONS) and the United Nations Conference on Trade and Development (UNCTAD). These new statistics allows users to estimate the importance of UK trade on imports to each trading partner. Market share is calculated as the value of imports from the UK using data from [ONS](#), divided by the value of total imports using data from [UNCTAD](#). Data from UNCTAD are converted from US dollars into pounds sterling by using the annual average spot exchange rate²³.

The UK's market share for Luxembourg in 2022 was as follows:

- **The total UK market share in Luxembourg was 10.6% in 2022 for goods and services.** This is an increase of 0.5 percentage points from 2021.
- The UK market share in Luxembourg was 2.9% in 2022 for **goods only**. This is a decrease of 0.1 percentage points from 2021.
- The UK market share in Luxembourg was 12.5% in 2022 for **services only**. This is an increase of 0.7 percentage points from 2021.

The table below presents the UK's market share for Luxembourg between 2013 and 2022. Values presented in italics are based on UNCTAD estimates of imports.

Year	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total goods and services	7.8%	7.5%	7.2%	7.0%	6.5%	6.7%	7.6%	7.4%	10.1%	10.6%
Goods only	1.7%	1.6%	1.5%	1.5%	1.2%	1.4%	1.3%	1.4%	3.0%	2.9%
Services only	10.4%	9.6%	9.1%	8.7%	8.1%	8.3%	9.4%	8.8%	11.8%	12.5%

²¹ ONS data source for market share: [UK total trade data \(seasonally adjusted\)](#).

²² UNCTAD data source for market share: [Goods and Services \(BPM6\): Exports and imports of goods and services, annual](#). Some UNCTAD data may be based on estimates.

²³ Annual average spot exchange rates for \$USD to £GBP are sourced from the [Bank of England](#).

Number of VAT-registered businesses trading goods (HMRC)^{24 25 26}

Business counts definition (Regional Trade in Goods Statistics)

Business counts report UK VAT-registered business exporting and importing goods. Data is collected primarily from customs declarations (using the Intrastat survey and VAT returns for Northern Ireland businesses trading with the EU).

Counts exclude businesses trading below the statistical value thresholds for customs declarations and exclude trade in non-monetary gold.

Businesses trading with Luxembourg in 2023:

- In 2023, around 1,900 UK VAT-registered businesses exported goods to Luxembourg.
- In 2023, around 1,300 UK VAT-registered businesses imported goods from Luxembourg.

Businesses trading with the world in 2023:

- In 2023, around 125,500 UK VAT-registered businesses exported goods to the world.
- In 2023, around 251,200 UK VAT-registered businesses imported goods from the world.

²⁴ HMRC data source for Regional Trade Statistics business counts data: [UK trade in goods statistics](#).

²⁵ Data for UK businesses engaged in trade of services with Luxembourg are not available. A single business may trade with multiple trading partners abroad, so care should be taken when adding figures for multiple trading partners.

²⁶ HMRC does not receive partner country information for customs declarations with commodity line values that fall under the statistical value threshold of £873 (in value) and 1,000kg (in net mass). Therefore, these counts of exporting/importing businesses only capture those businesses with exports/imports (respectively) above the statistical value threshold. The number of businesses has been rounded to the nearest 100.

Trade in Value Added (OECD)^{27 28}

Trade in Value Added definitions

Trade in Value Added (TiVA) - TiVA is a statistical approach to examine supply chains, which is not possible with conventional ('gross') trade statistics. This is because TiVA treats international trade flows as flows of value added rather than gross flows of final goods and services.

Domestic and foreign value added - In TiVA, gross exports are decomposed into domestic and foreign value added. Domestic value added measures the value added generated by the domestic economy in the production of its exports (e.g. the value added by UK car manufacturers and their UK supply chains in car exports). Foreign value added measures the value added contribution that foreign suppliers make to these exports (e.g. the import of foreign car parts).

TiVA statistics - Although TiVA offers advantages over traditional ways of measuring trade, these statistics are not fully developed. These results are estimates which should be considered complementary to conventional trade statistics and not be over-interpreted. In addition, the geographical detail is limited for developing countries. More information on TiVA can be found in a recent [research report](#) by the Department for Business and Trade and Cambridge Econometrics.

UK forward linkages for exports - Measures the reliance of foreign exporters on UK value added (inputs).

UK backward linkages for exports - Measures the reliance of UK exporters on foreign value added (inputs).

Employment supported by exports - This provides an estimate of the number of employees in exporting industries, and their domestic supply chains that are supported by exporting activity.

UK forward linkages for exports:

- **In 2020, 8.9% of the total value added in gross exports from Luxembourg originated in the UK.**
- In 2020, 66.2% of the value added content in gross exports from Luxembourg reflected foreign imports from abroad. The largest sources of foreign value added for gross exports from Luxembourg were Germany (12.1%), United Kingdom (8.9%), and United States (7.9%).

UK backward linkages for exports:

- **In 2020, 0.1% of the total value added in gross exports from the UK originated in Luxembourg.**
- In 2020, 14.3% of the value added content in gross exports from the UK reflected foreign imports from abroad. The largest sources of foreign value added for gross exports from the UK were United States (2.4%), Germany (1.5%), and China (1.2%).

Employment supported by exports:²⁹

- Exporting activity in Luxembourg supported around 277,800 persons in 2020 (58.9% of total Luxembourg employment). Exports to the UK supported around 12,200 jobs in Luxembourg in 2020.
- Exporting activity in the UK supported 6.7 million persons in 2020 (20.6% of total UK employment). Exports to Luxembourg supported around 128,100 jobs in the UK in 2020.

²⁷ The estimates in this factsheet are based on Trade in Value Added statistics published by the Organisation for Economic Co-operation and Development (OECD): a) [Trade in Value Added database \(origin of value added in gross exports\), January 2024](#); and b) [Trade in Employment \(TiM\) database: Principal indicators, January 2024](#), indicators EXGR_DEM and EMPN_EXGRDEM.

²⁸ The data shown in this factsheet is from 2020.

²⁹ These estimates measure employees directly and indirectly supported by exports i.e. workers employed in exporting businesses and in other domestic businesses supplying inputs to the exporting businesses. The estimates should be interpreted as employment *supported* by exports, rather than employment *created* by exports, as the jobs may have previously existed to serve the domestic market. Employees may also be supported by exports from a multiple number of trading partners. As with the core TiVA data, these estimates are based on a number of assumptions and modelling, so should be interpreted with caution.

Foreign Direct Investment with Luxembourg (ONS)^{30 31 32}

Foreign direct investment definitions

Foreign direct investment (FDI) - Investment made by a firm or individual in one economy ('direct investor') to acquire a 'lasting interest' in an enterprise operating in another economy. The lasting interest is deemed to exist if the direct investor acquires at least 10% of equity, or equivalently 10% of the voting rights, of the company.

FDI stock - The accumulated value of all previous investments at the end of a reference period. Figures are net, that is the value of investment minus disinvestment. **UK outward FDI stock** provides the total value of FDI by UK investors in economies abroad (investment of a UK parent company in Luxembourg), while **UK inward FDI stock** provides the total value of FDI by non-UK investors in the UK (investment of a Luxembourg parent company in the UK).

Data disclosure - It can happen that FDI is coming from only a few investors. In that case, figures are suppressed by the ONS to avoid disclosure of information relating to individual enterprises.

Note: *The FDI data for 2020 have been affected by changes in sampling methodology. Improvements have been made to the population which has been sampled and the way that businesses are sampled from the population, capturing a wider range of businesses. This means data from 2020 and onward are more representative of UK FDI with overseas partners and are comparable.*

More information about the methodology changes can be found on the [ONS website](#).

UK outward FDI stock:

- In 2021, the **stock of FDI from the UK in Luxembourg** was £127.2 billion, 25.4% or £25.8 billion higher than in 2020. In 2021, Luxembourg accounted for 7.2% of the total UK outward FDI stock.
- In 2021, the total UK FDI abroad was £1.8 trillion. In 2021, the **top destination for UK FDI** was United States, accounting for 26.1% of the total UK outward FDI stock, followed by Netherlands (8.8%) and Luxembourg (7.2%).

UK inward FDI stock:

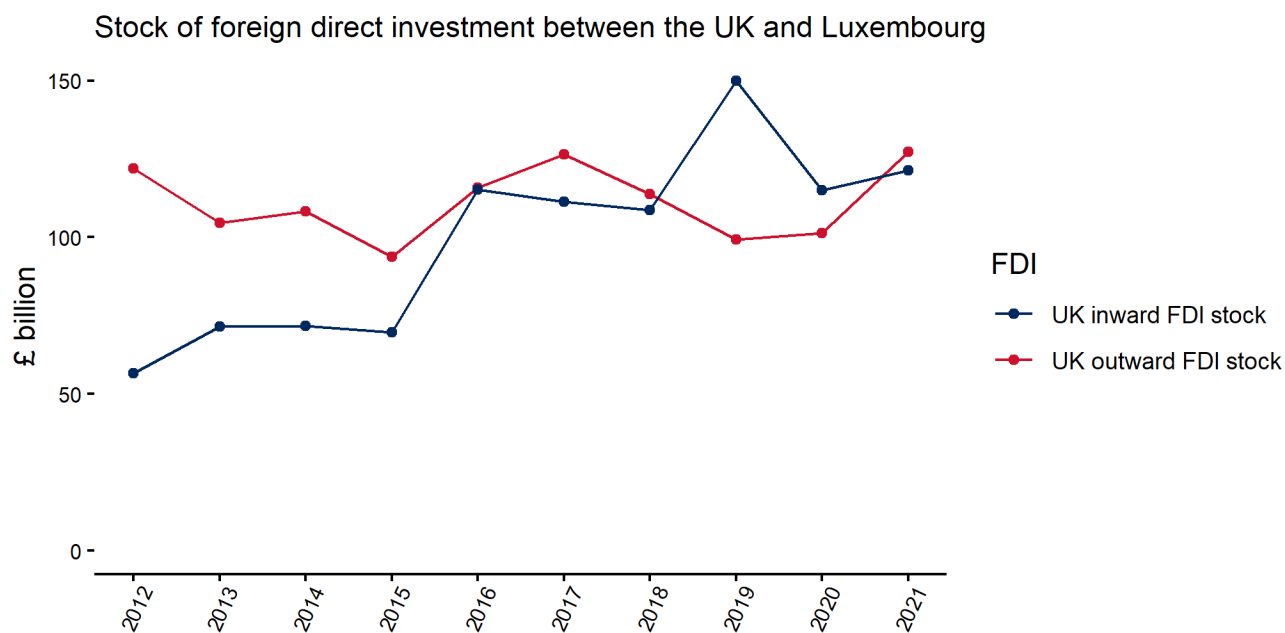
- In 2021, the **stock of FDI from Luxembourg in the UK** was £121.3 billion, 5.6% or £6.4 billion higher than in 2020. In 2021, Luxembourg accounted for 6.1% of the total UK inward FDI stock.
- In 2021, the total FDI in the UK in was £2.0 trillion. In 2021, the **top investor in the UK** was United States, accounting for 33.7% of the total UK inward FDI stock, followed by Netherlands (10.9%) and Jersey (9.6%).

³⁰ ONS data source for FDI statistics: [Foreign Direct Investment involving UK companies](#).

³¹ Data are presented on a directional basis which means they are not directly comparable to the asset/liability report prepared by ONS as part of the Balance of Payments statistical release. Figures are on net basis (investments minus disinvestments) and are given in nominal terms. Negative FDI values occur when disinvestments are greater than investments. Data are on an immediate destination/source basis and not an ultimate destination/source, which is likely to overstate financial centres such as the Netherlands and Luxembourg.

³² This factsheet contains data as reported by the UK and are subject to asymmetries e.g. UK outward FDI to Luxembourg (reported by the UK) may not match Luxembourg inward FDI from the UK (reported by Luxembourg). For consistency when comparing between partners, users are advised to use UK-reported data as far as possible.

The chart below shows FDI between the UK and Luxembourg between 2012 and 2021:



Source: ONS, 2021 FDI main release. Data are on a directional basis, data suppression can cause breaks in the trends.

The data that are presented in the charts above are given in the table below in £ billion:

Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
UK outward FDI stock	121.9	104.6	108.2	93.8	115.8	126.5	113.7	99.2	101.4	127.2
UK inward FDI stock	56.6	71.5	71.8	69.7	115.3	111.4	108.7	149.9	114.9	121.3

Economic statistics (as reported by Luxembourg)

Trade and investment data for Luxembourg (UNCTAD)^{33 34 35}

The following data are reported by Luxembourg and are for reference only. Whenever possible use data from UK sources for trade and investment. All data below are presented in \$USD in billions.

Year	2015	2016	2017	2018	2019	2020	2021	2022
TRADE								
Nominal exports	117.2	118.0	127.7	137.7	139.7	145.4	177.5	162.1
Nominal imports	90.2	90.8	101.8	113.3	116.8	120.9	148.0	138.8
Nominal trade balance	27.0	27.3	25.9	24.4	22.9	24.4	29.6	23.3
INVESTMENT								
Inward FDI stock	265.7	220.1	208.4	177.6	283.0	1,525.8	1,515.9	1,155.3
Outward FDI stock	227.4	203.9	275.2	284.6	411.2	1,900.9	1,878.1	1,626.5

³³ United Nations Conference on Trade and Development (UNCTAD) data sources for trade: [Goods and Services \(BPM6\): Exports and imports of goods and services, annual](#); and for investment: [Foreign direct investment: Inward and outward flows and stock, annual](#).

³⁴ Estimates are given in italics. Historic data pre-2015 can be found on the [UNCTAD website](#).

³⁵ All trade data are on a Balance of Payments basis. The FDI data are on a directional and net (investment minus disinvestment) basis. These figures are given in current prices and are rounded to the nearest \$0.1 billion, with missing data represented by dashes.

Economic data and projections for Luxembourg (IMF)^{36 37}

The following table presents economic statistics for Luxembourg. Projections include assumptions of the effects of COVID-19 and may be subject to change in the future. Estimated data, as well as projections up to 2029, are presented in italics and are subject to revision.

Year	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
TRADE GROWTH										
Change in exports (%)	0.6	10.3	-0.6	-1.4	1.2	2.5	2.5	2.4	2.4	2.4
Change in imports (%)	-0.4	12.4	-1.9	-0.1	1.5	2.6	2.5	2.5	2.5	2.5
CURRENT ACCOUNT										
Current account balance (% of GDP)	8.6	7.9	7.7	7.4	7.4	7.6	7.6	7.6	7.6	7.6
GDP										
Change in real GDP (%)	-0.9	7.2	1.4	-1.1	1.3	2.9	2.5	2.3	2.3	2.3
GDP per capita (1,000 \$USD)	117.6	134.9	126.6	129.8	131.4	135.8	138.9	142.0	145.1	148.0
GDP PPP (Int'l \$billion)	74.9	84.0	91.1	93.4	96.9	101.5	106.0	110.5	115.2	120.1
INFLATION										
Inflation, year average (CPI %)	0.0	3.5	8.2	2.9	2.5	3.1	2.1	2.0	2.0	2.1
UNEMPLOYMENT										
Unemployment rate (% of total labour force)	6.4	5.7	4.8	5.2	6.0	6.0	5.8	5.6	5.5	5.5
POPULATION										
Population (million)	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
INVESTMENT-SAVINGS										
Total investment (% of GDP)	17.3	18.8	17.7	18.0	17.6	17.8	17.7	17.7	17.7	17.7
Gross national savings (% of GDP)	25.9	26.7	25.4	25.4	25.0	25.4	25.3	25.3	25.3	25.3
BUDGET DEFICIT-DEBT										
General government net lending/borrowing (% of GDP)	-3.4	0.6	-0.3	-1.4	-2.1	-1.5	-1.3	-1.4	-1.5	-1.5
General government gross debt (% of GDP)	24.6	24.5	24.7	25.7	28.0	28.7	29.5	30.1	30.7	31.3

Luxembourg was the 74th largest economy in 2023, in terms of gross domestic product (GDP). The UK was the 6th largest economy in 2023.³⁸

³⁶ International Monetary Fund (IMF) provide economic commentary in their [World Economic Outlook reports](#). The latest data presented here can be found in the [World Economic Database, April 2024](#).

³⁷ Projections and estimates are given in italics. More information for each metric and each partner, as well as historic data pre-2020, can be found on the [IMF website](#).

³⁸ GDP ranking based on values in current prices (nominal terms) in \$USD. Some GDP values for partners are based on estimates which may influence the rankings when revised.

Top goods traded with the world by Luxembourg, in current prices (UN Comtrade)^{39 40}

Data presented here show the top commodities traded with the world, not solely the UK, by Luxembourg. These data are based on a different commodity classification system to the ONS commodity data used earlier in this factsheet, and the two sections should therefore not be directly compared.

Top goods exported to the world by Luxembourg in 2023:

Rank	HS Commodity	\$USD billion	% of total goods exported
1	84 - Machinery and mechanical appliances	2.1	12.9%
2	39 - Plastics and articles thereof	1.6	9.8%
3	87 - Vehicles other than railway or tramway stock	1.6	9.8%
4	72 - Iron and steel	1.4	8.8%
5	73 - Articles of iron or steel	1.0	6.0%
6	40 - Rubber and articles thereof	0.9	5.4%
7	85 - Electrical machinery and equipment	0.8	5.2%
8	04 - Dairy produce; birds' eggs	0.7	4.4%
9	76 - Aluminum and articles thereof	0.6	3.5%
10	48 - Paper and paperboard; articles of paper pulp	0.4	2.6%
	All goods exported	16.3	100.0%

Top goods imported from the world by Luxembourg in 2023:

Rank	HS Commodity	\$USD billion	% of total goods imported
1	87 - Vehicles other than railway or tramway stock	3.8	14.9%
2	27 - Mineral fuels or oils, products of their distillation	3.2	12.5%
3	84 - Machinery and mechanical appliances	2.1	8.2%
4	85 - Electrical machinery and equipment	1.5	6.0%
5	39 - Plastics and articles thereof	1.3	5.3%
6	72 - Iron and steel	1.2	4.6%
7	30 - Pharmaceutical products	0.7	2.9%
8	40 - Rubber and articles thereof	0.7	2.9%
9	22 - Beverages, spirits and vinegar	0.6	2.5%
10	73 - Articles of iron or steel	0.6	2.4%
	All goods imported	25.2	100.0%

³⁹ United Nations (UN) Comtrade data are sourced from the online [UN Comtrade Database](#). The data reported above are for 2023, but as the data upload to UN Comtrade is continuous, more timely data may be available from the source.

⁴⁰ Data are classified using the [Harmonized System](#) and are given on a physical movement basis, with UK data comparable to HMRC data sources rather than the headline trade figures presented here from ONS.

Top services traded with the world by Luxembourg, in current prices (ITC Trade Map)^{41 42 43}

Data presented here shows the top service types traded to the world, not solely the UK, by Luxembourg.

Top services exported to the world by Luxembourg in 2022:

Rank	EBOPS Service Type	\$USD billion	% of total services exported
1	Financial services	69.1	51.3%
2	Other business services	27.1	20.1%
3	Transport	18.1	13.5%
4	Travel	5.3	4.0%
5	Insurance and pension services	4.4	3.3%
	All services exported	134.6	100.0%

Top services imported from the world by Luxembourg in 2022:

Rank	EBOPS Service Type	\$USD billion	% of total services imported
1	Financial services	50.9	45.7%
2	Transport	17.1	15.4%
3	Other business services	15.9	14.3%
4	Charges for the use of intellectual property n.i.e.	8.8	7.9%
5	Telecommunications, computer, and information services	6.9	6.2%
	All services imported	111.3	100.0%

⁴¹ International Trade Centre (ITC) Trade Map data are sourced from the online [ITC Trade Map tool](#). The data above are for 2022, but as the data upload to ITC is continuous, more timely data may be available from the source.

⁴² Data are classified on the [EBOPS 2010](#) basis. 'Other business services' include: Research and development, professional and management consulting services, technical services and trade related services. A full description of all service types can be found on the [UN Statistics Division website](#).

⁴³ Estimates are shown in italics, where for some partners only estimates are available - These data have been included for information and should be treated with caution.

Background Notes

This document is one of a wider set of factsheets between the UK and its individual trade and investment partners which can be found on the [Trade and Investment Factsheets website](#). All of these factsheets are published as [Official Statistics](#) as defined by the [UK Statistics Authority](#).

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Future updates of these factsheets can be found on the [Government update schedule for Official Statistics](#). These scheduled updates are in line with significant updates from UK data providers when they release new data. Unscheduled releases of the factsheets may also be necessary to accommodate data updates where little or no advanced notice are given, such as in the case of international data updates. Please see the data update schedule and revisions policy in the [quality and methodology report](#) for more information. Please note that there may be occasions where more recent data than is provided here can be found directly from the data providers.

The Department for Business and Trade welcome any feedback or comments on these factsheets, please send these to statistics@businessandtrade.gov.uk.



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