



MINISTÈRE DE LA TRANSITION ÉCOLOGIQUE ET DE LA COHÉSION DES TERRITOIRES

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THE FRENCH TRANSPORT SATELLITE ACCOUNT (TRSA)

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Satellite account objectives

The French transport satellite account aims to provide a synthetic and exhaustive view of transport expenditure.

The satellite account makes it possible to measure the level of transport expenditure in year $n-1$ and to appreciate the weight of the different contributors.

The satellite account also makes it possible to measure the dynamics of transport spending over time, by producing figures year after year using a constant methodology.

Construction of TrSA

The French TrSA is broadcast every year in autumn. The most recent year published, called "provisional", is year n-1.

<https://www.statistiques.developpement-durable.gouv.fr/lactivite-economique-dans-les-transport-en-2022?rubrique=56&dossier=1337>

This construction is based on National accounts. Their rule requires that the data can be modified for the last 3 years, then considered set as final. For data on an older period, modifications has to be done during a change of base.

Methodology

The transport satellite account is based on the national accounting methodology, used by INSEE (National Institute of Statistics and Economic Studies) to construct GDP.

For reasons specific to the subject, some differences may appear between the central framework of national accounts and the satellite accounts.

In TrSA, for example, expenditures on road policing and transport research are included, whereas the National accounts classify them under human resources.

Total transport expenditure (TTE)

The most concise table in the transport satellite account is total transport expenditure (TTE). It is made up of two intermediate aggregates:

Current transport expenditure (CTE) and transport investment expenditure (TIE).

These can be broken down by actors (households, businesses, administrations and rest of the world) and by modes of transport.

Total transport expenditure (TTE)

TTE in value by financing institutional sector, values in billions of current euros, evolutions in %

	Value 2022 (p)	Annual rates			
		2020	2021 (sd)	2022 (p)	2022/2019 (p)
Total transportation expenditure (TTE)	539,9	- 13,5	17,7	18,3	20,4
Current transport expenditure (CTE)	463,0	- 13,8	18,1	18,5	20,7
Households	194,2	- 19,0	14,0	14,8	6,1
Nontransportation companies	182,4	- 7,7	25,1	22,4	41,3
General government transportation expenditure	35,9	0,4	6,5	6,6	14,0
Rest of the world (importations)	50,6	- 20,8	22,9	30,2	26,8
Transport investment expenditure (TIE)	76,9	- 12,3	15,2	17,2	18,4
Transportation companies	26,1	- 28,4	36,8	36,6	33,8
Nontransportation companies	26,8	- 6,3	11,8	16,7	22,2
General government transportation expenditure	23,9	- 4,6	4,9	2,0	2,0
Gross domestic product (GDP)	2 639,1	- 5,0	7,9	5,5	8,2
TTE / GDP	20,5 %				

Sources: SDES, INSEE, National accounts - 2014 Base

Transport expenditure by transportation modes in 2022

In billions of current euros

	All	Road transport	Rail transport	Waterway transport	Air transport	Maritime transport	Urban Public transport
Total transportation expenditure (TTE)	539,9	365,7	31,5	1,6	32,2	78,6	30,3
Current transport expenditure (CTE)	463,0	321,1	23,8	1,1	26,0	70,4	20,7
Transport investment expenditure (TIE)	76,9	44,6	7,7	0,5	6,2	8,3	9,6

Sources: SDES

Transport expenditure by transportation modes in 2022

rates in %, 2022

	All	Road transport	Rail transport	Waterway transport	Air transport	Maritime transport	Urban Public transport
Evolutions in volume (TTE)	6,1	2,9	5,4	2,7	24,5	17,2	10,3
Evolutions in price (TTE)	11,5	9,1	6,0	17,6	40,0	20,9	2,2
Evolutions in value (TTE)	18,3	12,2	11,7	20,8	74,4	41,6	12,6

Sources: SDES

The Sources

There is a great variety of inputs. Let's mention some of the key sources we are considering in France :

- INSEE, (National accounts, Annual Business Statistics)
- Activity reports of transport companies
- Public Finances General Directorate (DGFIP),
- Data of Statistical Service of the Transport Sub-Directorate
(Vehicle registration, ...)

The change to base 2020

To update changes in the data before the last three year, the National accounts carry out base changes at regular intervals: the next change consists in passage to base 2020.

For TrSA, the main change consists in considering the company SNCF Réseau (the French railway infrastructure manager) as a part of the public sector instead of the business category.

Retropolation work is underway in partnership with National accounts directorate (INSEE) retropolators.

Calendar

Timetable for the first publications in base 2020:

National accounts, INSEE: may 2024

Transport satellite account, SDES: october 2024

Thank you for your attention!

END