Land - Emissions

Overview

This report is designed to show you emissions statistics for land shipments. Please refer to the 'Definition' page for a breakdown of the calculations, rules and data sources used in this report.

Filters applied to this report

Shipment Date From: 1.1.2024
Shipment Date To: 16.4.2024
userGROUPID
userSIMSID

IN THIS REPORT

Total shipments: 26

Total CO2e (tons): 0,5

Busiest lane: CZ - CZ

(By Shipment Count)

Web Group ID: ***CZ00007094***

Geographic Cover

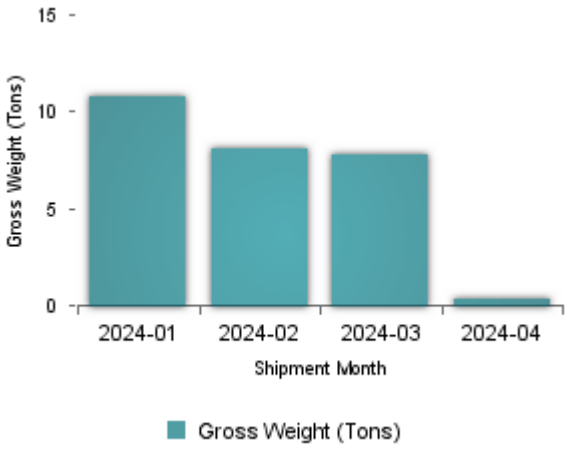
All countries featuring in this report are highlighted on the map below.

Export Countries

Import Countries

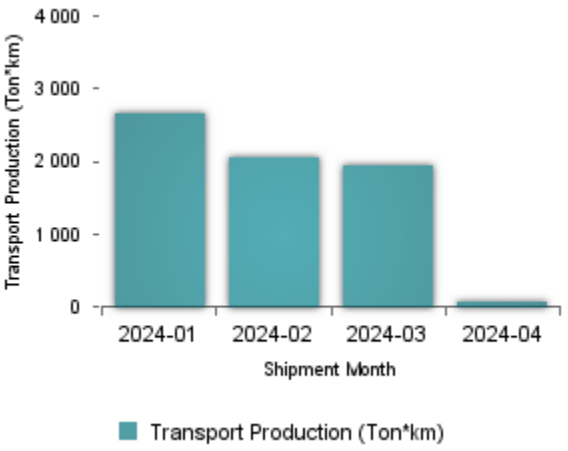
Land - Emissions

Tons of Freight (tons)



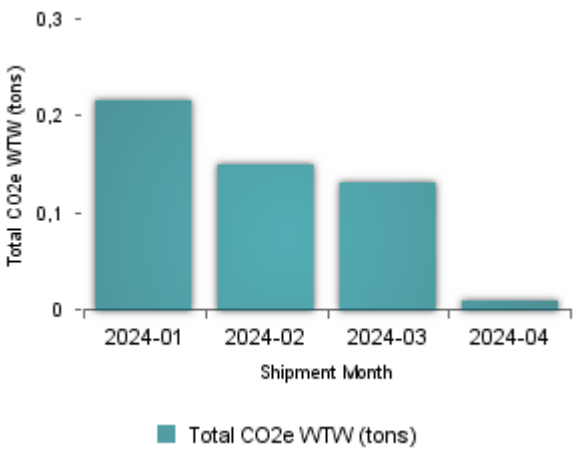
	Gross Weight (Tons)	Shipment Count
2024-01	10,73	10
2024-02	8,09	7
2024-03	7,76	8
2024-04	0,33	1

Ton-Kilometre (tkm)



	Transport Production (Ton*km)	Shipment Count
2024-01	2 645,51	10
2024-02	2 053,2	7
2024-03	1 923,25	8
2024-04	66,84	1

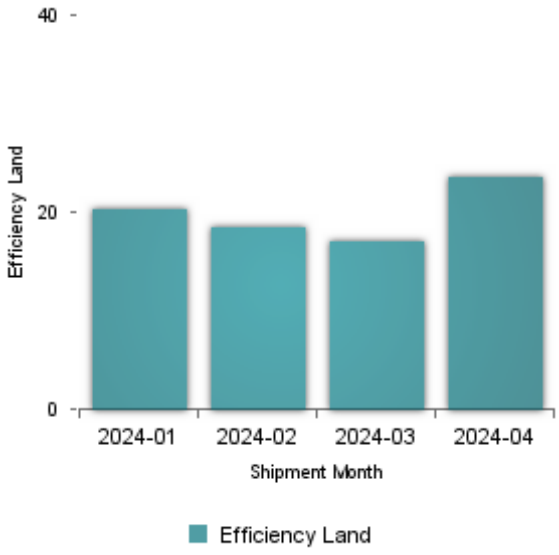
Total CO2e WTW (tons)



	Total CO2e WTW (tons)	Shipment Count
2024-01	0,22	10
2024-02	0,15	7
2024-03	0,13	8
2024-04	0,01	1

Land - Emissions

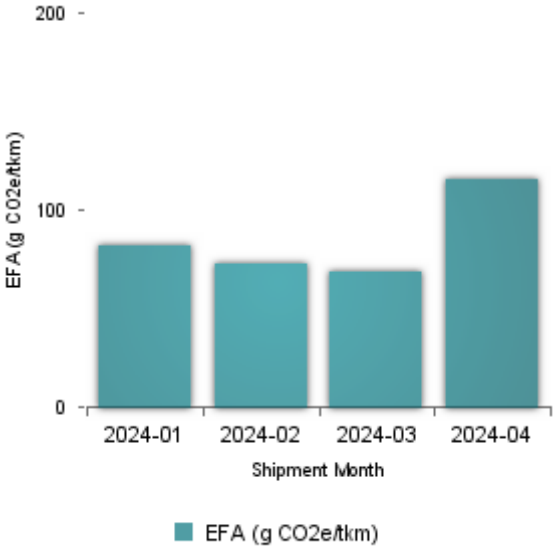
Customer Efficiency (kg CO2e per ton of freight)



	Efficiency	Shipment Count
2024-01	20,14	10
2024-02	18,3	7
2024-03	16,91	8
2024-04	23,45	1

The bars indicate the average kg of carbon emissions per ton of freight transported in Land (road or rail/intermodal).

Emission Factor (g per tkm)



	EFA (g CO2e/tkm)	Shipment Count
2024-01	81,7	10
2024-02	72,13	7
2024-03	68,23	8
2024-04	115,76	1

The Emission Factor (g CO2e/tkm) indicates the carbon intensity per tkm in Land (road or rail/intermodal) transport as an indicator of transport energy efficiency.

Land - Emissions

Totals

Shipments	26
Gross Weight (Tons)	26,91
Transport Production (Ton*km)	6 688,8
Total Distance (km)	6 296,69
Total CO2e WTW (tons)	0,5
Total NMHC WTW (kg)	0,18
Total NOx WTW (kg)	1,35
Total PM WTW (kg)	0,05
Total SO2 WTW (kg)	0,53

Land - Emissions Shipment

Top Ten Relations

Relations	Shipments	Gross Weight (Tons)	Transport Production (Ton*km)
Ceske Budejovice - Decin	1	0,79	242,74
Decin - Decin	23	25,47	6 314,41
Praha / Prague - Ceske Budejovice	2	0,65	131,65

Relations	Total CO2e WTW (tons)	Total NMHC WTW (kg)	Total NOx WTW (kg)	Total PM WTW (kg)	Total SO2 WTW (kg)
Decin - Decin	0,46	0,17	1,23	0,05	0,49
Ceske Budejovice - Decin	0,02	0,01	0,08	0	0,03
Praha / Prague - Ceske Budejovice	0,02	0,01	0,05	0	0,02

Land - Emissions Shipment

Months

Relations	Shipments	Gross Weight (Tons)	Transport Production (Ton*km)
Ledna	10	10,73	2 645,51
Února	7	8,09	2 053,2
Března	8	7,76	1 923,25
Dubna	1	0,33	66,84

Relations	Total CO2e WTW (tons)	Total NMHC WTW (kg)	Total NOx WTW (kg)	Total PM WTW (kg)	Total SO2 WTW (kg)
Ledna	0,22	0,08	0,94	0,03	0,23
Února	0,15	0,05	0,23	0,01	0,16
Března	0,13	0,05	0,16	0,01	0,14
Dubna	0,01	0	0,02	0	0,01

Basic calculation rules and data sources

Road freight: EN 16258, routing according to Schenker Scheduler, country specific CoDi and linehaul fleet and filling rate (annually updated), database HBEFA 3.2. Emission calculation is done in EcoTransit for all shipments booked after 01.01.2020
Rail freight: European average emission factor according to EcoTransIT World

limitations:
** Air freight data are solely based on database default data as long as there are no consistently caluclated carrier data available*
** Road freight: There is no difference in the calculation between FTL and LTL transports. In case of significant deviations from the Schenker cargo mix/filling rate, an adjustment can be made.*
** All data are shipment based (STT number), irrespective of Incoterms and paying party.*

For more details please contact: Key Account Manager

Abbreviations & links

CCWG	Clean Cargo Working Group, see: http://greenfreightandlogistics.org/programs/clean-cargo-working-group/
EcoTransIT World	Transport emission calculator, co-developed by DB Schenker Logistics, publicly available at: www.ecotransit.c
EFA	Emission Factor = per ton and per km carbon emission
ISO 14083	International Standard for Carbon Emission Calculation arising from operations of transport chains
EN16258	European Standard for Carbon Emission Calculation, see: http://www.en-standard.eu/csn-en-16258-methodology-for-calculation-and-declaration-of-energy-consumption-and-ghg-emissions-of-transport-services-freight-and-passengers/
FTL	Full truck load
HBEFA	Handbook for Emission Factors in Heavy Duty Transports (Trucks)
LTL	Less than (full) truck load
OAG	Air transport timetables, see http://www.oagtimetables.com/choose.htm
SCAC code	Standard Carrier Alpha Code, see: http://www.scaccodelist.com/
tkm	Ton-kilometre, normalizer unit for energy consumption in shared transports
WTW	Well-to-wheel = direct + indirect emissions, the latter originating from fuel production and transport

Land - Emissions

Schenker Shipment ID/ STT	ETD Date	Lane	Gross Weight (Tons)	Total Distance (km)	Transport Production (Ton*km)	Total CO2e WTW (tons)	Total NMHC WTW (kg)	Total NOx WTW (kg)	Total PM WTW (kg)	Total SO2 WTW (kg)	EFA (g CO2e/ tkm)
111111111111111		Ceske budejovice-Usti nad la	2,42	247,91	600,68	0,05	0,02	0,21	0,01	0,05	80,85
111111111111111		Ceske budejovice-Usti nad la	0,56	247,91	138,33	0,01	0	0,05	0	0,01	80,85
111111111111111		Ceske budejovice-Usti nad la	0,45	247,91	110,32	0,01	0	0,04	0	0,01	80,85
111111111111111		Ceske budejovice-Usti nad la	1,23	247,91	303,68	0,02	0,01	0,11	0	0,03	80,85
111111111111111		Ceske budejovice-Usti nad la	0,45	247,91	111,56	0,01	0	0,04	0	0,01	80,85
111111111111111		Ceske budejovice-Usti nad la	2,3	247,91	569,19	0,05	0,02	0,2	0,01	0,05	80,85
111111111111111		Ceske budejovice-Usti nad la	1,72	247,91	425,41	0,03	0,01	0,15	0	0,04	80,85
111111111111111		Ceske budejovice-Usti nad la	0,31	247,91	76,11	0,01	0	0,03	0	0,01	80,85
111111111111111		Ceske budejovice-Usti nad la	0,99	247,91	245,43	0,02	0,01	0,09	0	0,02	80,85
111111111111111	5.2.24	Ceske budejovice-Usti nad la	0,79	265,68	242,74	0,02	0,01	0,08	0	0,03	101,24
111111111111111		Ceske budejovice-Usti nad la	0,89	247,91	219,4	0,01	0,01	0,02	0	0,02	68,23
111111111111111		Ceske budejovice-Usti nad la	0,84	247,91	207,25	0,01	0	0,02	0	0,01	68,23
111111111111111		Ceske budejovice-Usti nad la	1,57	247,91	389,95	0,03	0,01	0,03	0	0,03	68,23
111111111111111		Ceske budejovice-Usti nad la	1,14	247,91	282,61	0,02	0,01	0,02	0	0,02	68,23
111111111111111		Ceske budejovice-Usti nad la	2,4	247,91	594,97	0,04	0,01	0,05	0	0,04	68,23
111111111111111		Ceske budejovice-Usti nad la	0,47	247,91	116,27	0,01	0	0,01	0	0,01	68,23
111111111111111		Ceske budejovice-Usti nad la	0,74	247,91	184,19	0,01	0	0,02	0	0,01	68,23
111111111111111		Ceske budejovice-Usti nad la	1,67	247,91	414	0,03	0,01	0,03	0	0,03	68,23
111111111111111		Ceske budejovice-Usti nad la	1,18	247,91	291,29	0,02	0,01	0,02	0	0,02	68,23
111111111111111		Ceske budejovice-Usti nad la	1,39	247,91	343,35	0,02	0,01	0,03	0	0,02	68,23
111111111111111		Ceske budejovice-Usti nad la	0,66	247,91	163,12	0,01	0	0,01	0	0,01	68,23
111111111111111		Ceske budejovice-Usti nad la	1,18	247,91	291,29	0,02	0,01	0,02	0	0,02	68,23
111111111111111		Ceske budejovice-Usti nad la	0,54	247,91	133,87	0,01	0	0,01	0	0,01	68,23
111111111111111		Ceske budejovice-Usti nad la	0,41	247,91	102,14	0,01	0	0,01	0	0,01	68,23
111111111111111	31.1.24	Karlstejn-Ceske budejovice 6	0,32	164,58	64,81	0,01	0	0,02	0	0,01	115,76
111111111111111	5.4.24	Karlstejn-Ceske budejovice 6	0,33	164,58	66,84	0,01	0	0,02	0	0,01	115,76