Ocean - Emissions

Overview

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

Data is valid from July 1st, 2021.

Filters applied to this report

Departure Country: All Countries
Destination Country: All Countries
Estimated Time of Departure (ETD) – Vessel/Flight From: 1.1.2024
Estimated Time of Departure (ETD) – Vessel/Flight To: 16.4.2024
User:
userGROUPID

IN THIS REPORT

Total shipments: 15

Total CO2e (tons): 6,22

Busiest lane: USORF - DEHAM

(By Shipment Count)

Geographic Cover

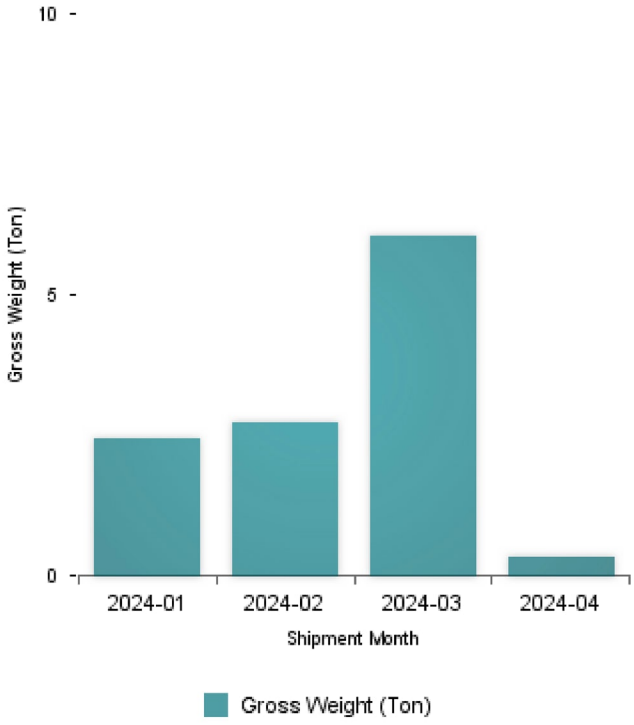
All countries featuring in this report are highlighted on the map below.

Export Countries

Import Countries

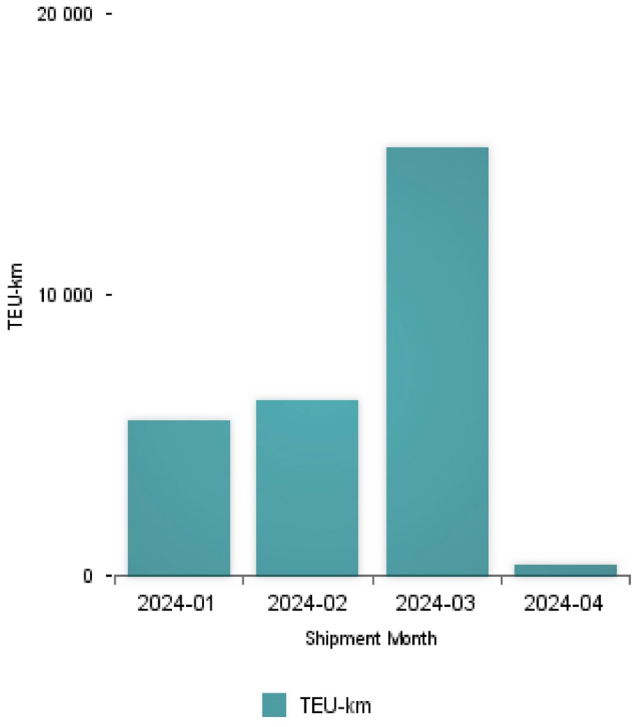
Ocean - Emissions

Volume (TEU)



	TEU	Shipment Count
2024-01		3
2024-02		7
2024-03		4
2024-04		1

TEU-Kilometer (TEU-km)



	TEU-km	Shipment Count
2024-01	5513,17	3
2024-02	6230,91	7
2024-03	15241,35	4
2024-04	347,04	1

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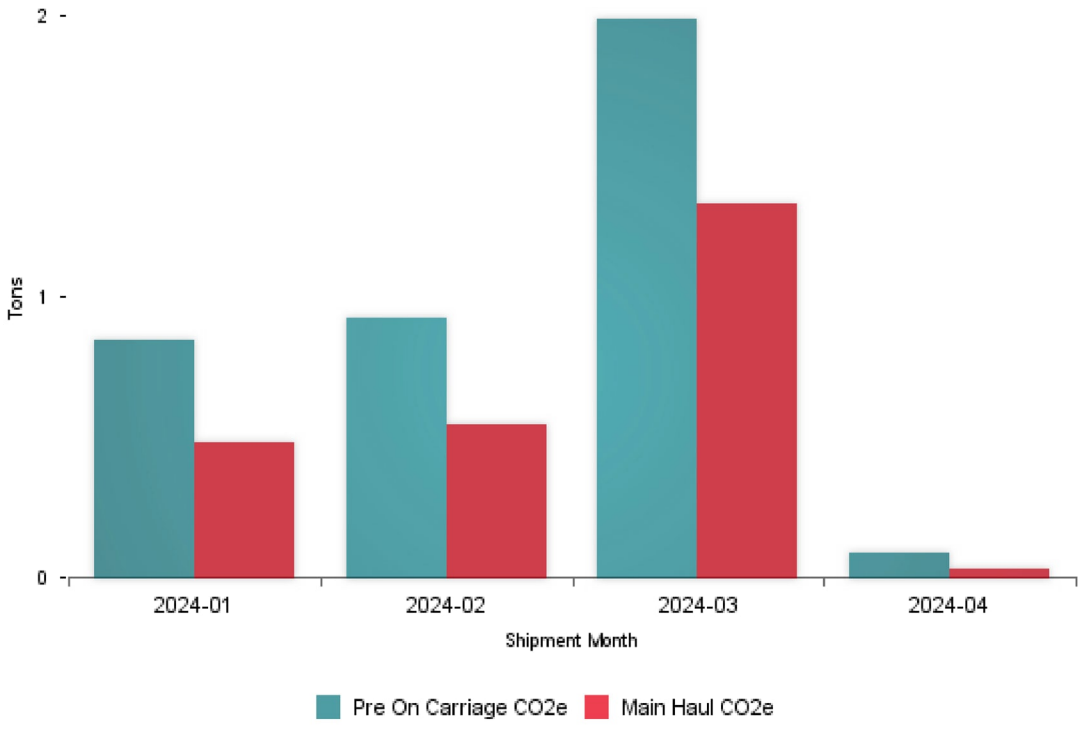
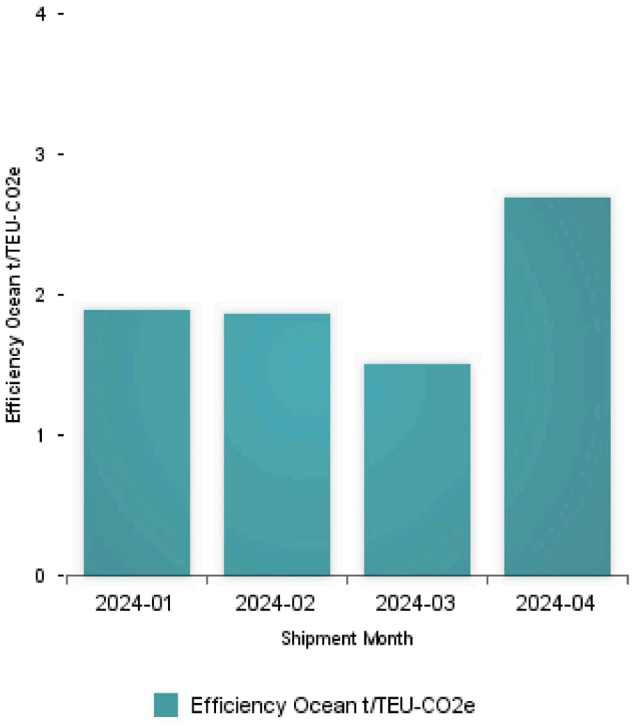
Total CO2e WTW (tons)



	Shipment Count	Pre On Carriage CO2e (tons)	Main Haul CO2e (tons)	Total
2024-01	3	0,84	0,48	1,32
2024-02	7	0,92	0,54	1,47
2024-03	4	1,98	1,33	3,31
2024-04	1	0,09	0,03	0,12

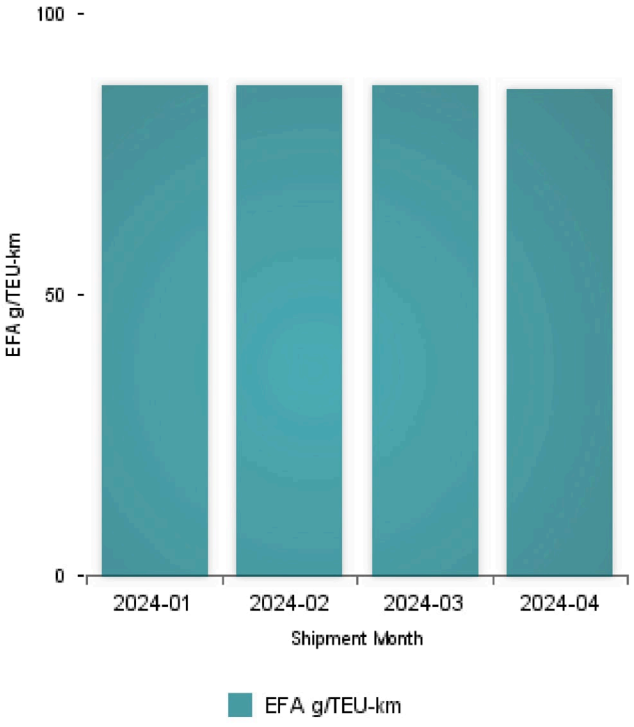
Ocean - Emissions

Customer Efficiency (kg per TEU of freight)



	TEU Aggr	Efficiency kg/TEU-CO2e	Gross Weight kg
2024-01		1891,30	2440,80
2024-02		1856,27	2726,57
2024-03		1503,84	6018,08
2024-04		2691,51	331,58

Emission factor (g per TEU-km)



	EFA CO2e g/TEU-km	Shipment Count
2024-01	87,20	3
2024-02	87,00	7
2024-03	87,07	4
2024-04	86,50	1

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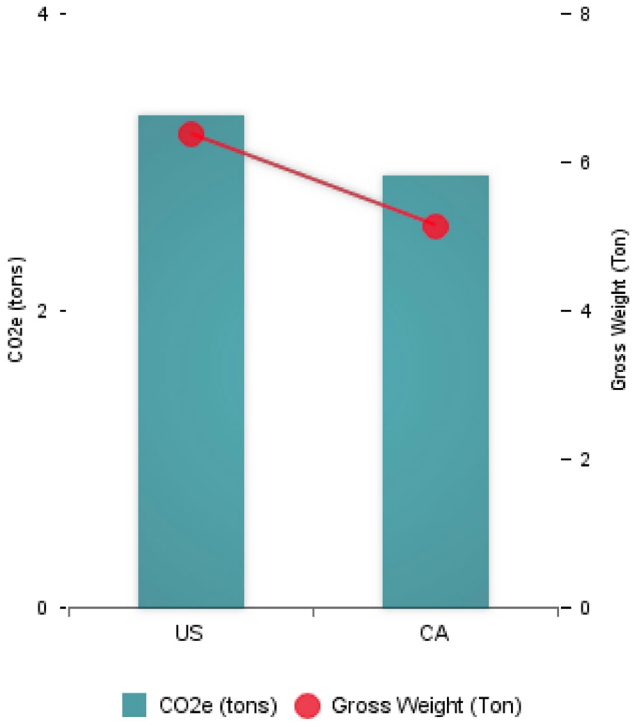
Weight & CO2e per Origin Country

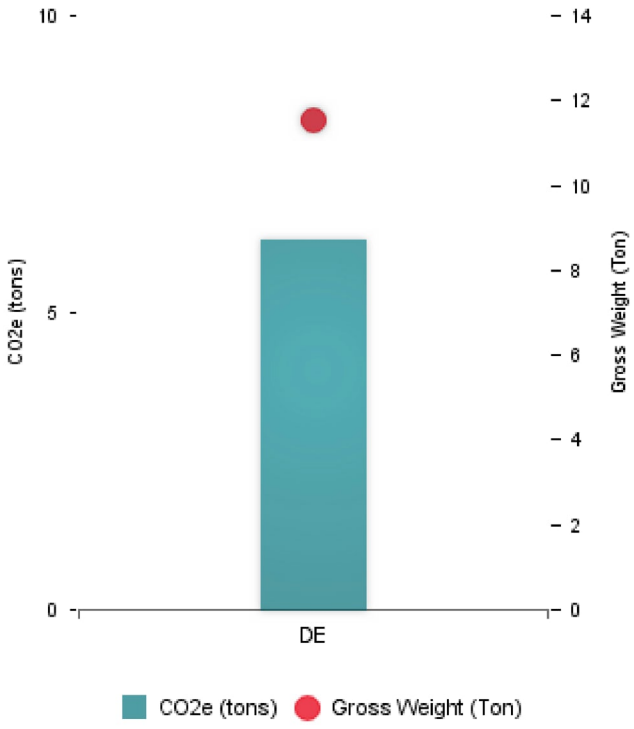
Showing top 12 busiest countries



	CO2e (tons)	Gross Weight (Ton)
US	3,31	6,37
CA	2,91	5,14

Weight & CO2e per Destination Country

Showing top 12 busiest countries



	CO2e (tons)	Gross Weight (Ton)
DE	6,22	11,52

Ocean - Emissions

Basic calculation rules and data sources

Air freight: EN 16258, aircraft and routing (OAG) based energy analysis, data source: EU Small Emitters Tool; see more details in the EcoTransIT Methodology Report at: http://www.ecotransit.org/basis.en.html

Ocean freight: EN 16258, CCWG Methodology: 25 tradelane-specific, SCAC code based emission factors (annually updated), EcoTransIT Methodology for all non-CCWG shipments; pre- and on-carriage based on country-specific assumed road:rail shares

Road freight: EN 16258, routing according to Schenker Scheduler, country specific CoDi and linehaul fleet and filling rate (annually updated), database HBEFA 3.2
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/
CODi	Collection and distribution transports
EcoTransIT World	Transport emission calculator, co-developed by DB Schenker Logistics, publicly available at: www.ecotransit.org
EFA	Emission Factor = per TEU and per km carbon emission
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
TTW	Tank-to-wheel = direct emissions when burning the fuel
WTW	Well-to-wheel = direct + indirect emissions, the latter originating from fuel production and transport

All shipments used in the report are shown in the table below. Please click the link in the STT column to track in eSchenker.

Schenker Shipment ID/ STT	ETD Date	Main Project Id	MBL	HBL	Lane	TEU	Reefer TEU (Share)	Gross Weight (Tons)	Total CO2e WTW (tons)	Total NMHC WTW (kg)	Total NOx WTW (kg)	Total PM WTW (kg)	Total SO2 WTW (kg)	EFA (g CO2e/ TEUkm)
00000000000000	11.1.24	XXSITT	CHGOE230007649	USMSP0000004607	USORF - DEHAM			1,43	0,74	0,33	5,30	0,22	0,85	87,20
00000000000000	4.1.24	XXSITT	CHGOE230007650	USMSP0000004611	USORF - DEHAM			0,24	0,14	0,07	1,04	0,04	0,17	87,55
00000000000000	20.1.24	XXSITT	CHGOE240000062	USMSP0000004613	USORF - DEHAM			0,77	0,45	0,22	3,55	0,15	0,59	87,10
00000000000000	7.2.24	XXSITT	CHGOE240000021	USMSP0000004624	USORF - DEHAM			0,44	0,25	0,13	1,99	0,09	0,33	87,06
00000000000000	7.2.24	XXSITT	CHGOE240000021	USMSP0000004627	USORF - DEHAM			0,43	0,24	0,12	1,84	0,08	0,30	87,10
00000000000000	14.2.24	XXSITT	CHGOE240000406	USMSP0000004628	USORF - DEHAM			0,16	0,12	0,07	1,14	0,05	0,20	86,70
00000000000000	14.2.24	XXSITT	CHGOE240000022	USMSP0000004639	USORF - DEHAM			1,01	0,51	0,22	3,49	0,14	0,55	87,04
00000000000000	21.2.24	XXSITT	CHGOE240000023	USMSP0000004641	USORF - DEHAM			0,09	0,05	0,02	0,35	0,01	0,06	86,38
00000000000000	21.2.24	XXSITT	CHGOE240000023	USMSP0000004642	USORF - DEHAM			0,20	0,09	0,04	0,71	0,03	0,10	87,07
00000000000000	21.2.24	XXSITT	CHGOE240000023	USMSP0000004647	USORF - DEHAM			0,40	0,22	0,10	1,60	0,07	0,26	87,10
00000000000000	6.3.24	XXSITT	CHGOE240001019	USMSP0000004649	USORF - DEHAM			0,06	0,03	0,01	0,16	0,01	0,03	87,97
00000000000000	5.3.24	XXSITT	CHGOE240000460	USMSP0000004650	USORF - DEHAM			0,49	0,21	0,10	1,72	0,07	0,24	87,36
00000000000000	6.3.24	XXSITT	CHGOE240000461	USMSP0000004653	USORF - DEHAM			0,33	0,16	0,07	1,10	0,04	0,17	86,57
00000000000000	15.3.24	XXSITT	MSPTA240000046	MSPTA0000000265	CAMTR - DEHAM			5,14	2,91	1,48	23,46	1,04	4,02	87,06
00000000000000	11.4.24	XXSITT	CHGOE240001228	USMSP0000004677	USORF - DEHAM			0,33	0,12	0,04	0,78	0,03	0,09	86,50