



# 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:



Total CO2e (tons):



Busiest lane:



## Geographic Cover

11.4.24 4.1.24

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

### Export Countries



#### Shipment Count



### Import Countries



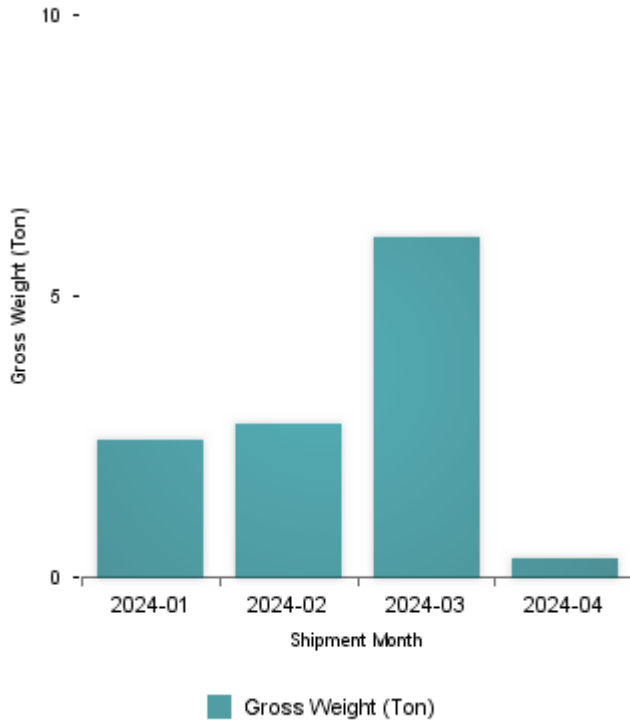
#### Shipment Count



# Ocean - Emissions

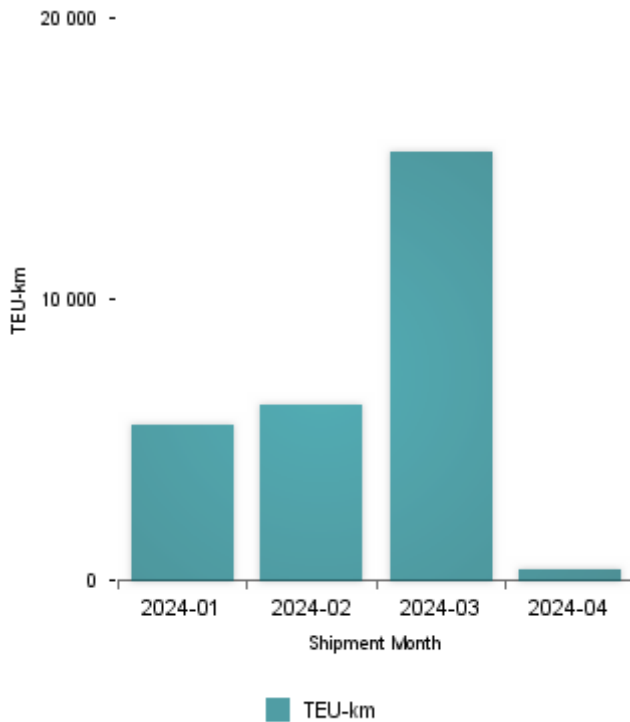


## Volume (TEU)



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

## TEU-Kilometer (TEU-km)

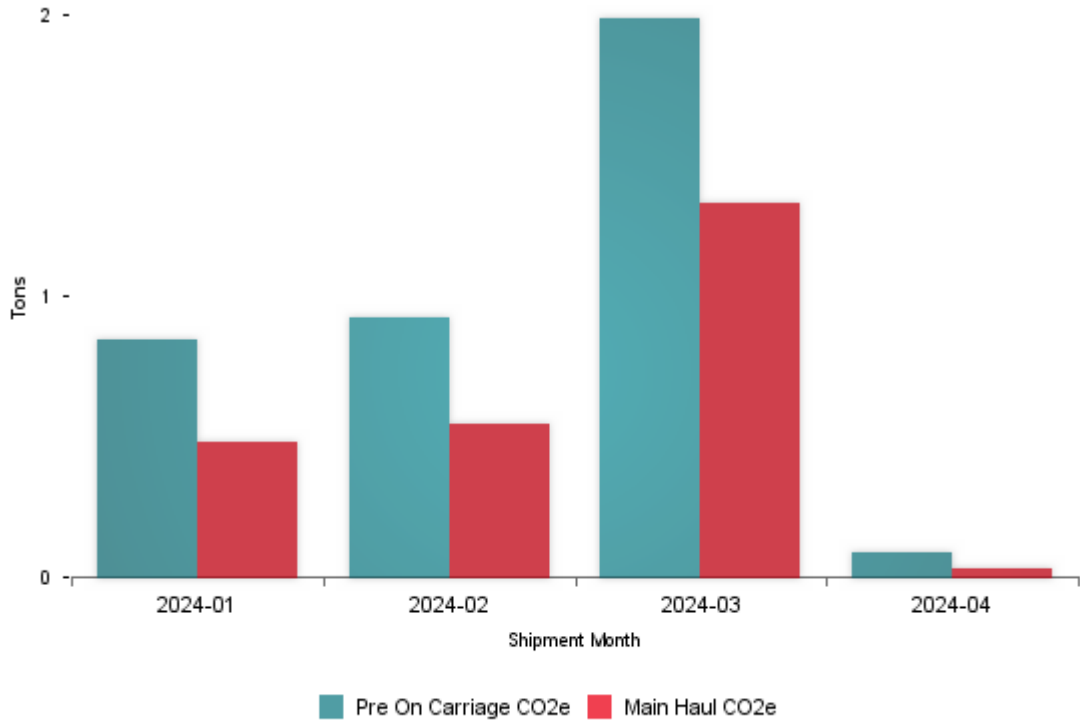


	TEU-km	Shipment Count
2024-01	5513,17	3
2024-02	6230,91	7
2024-03	15241,35	4
2024-04	347,04	1

# Ocean - Emissions



Total CO2e WTW (tons)

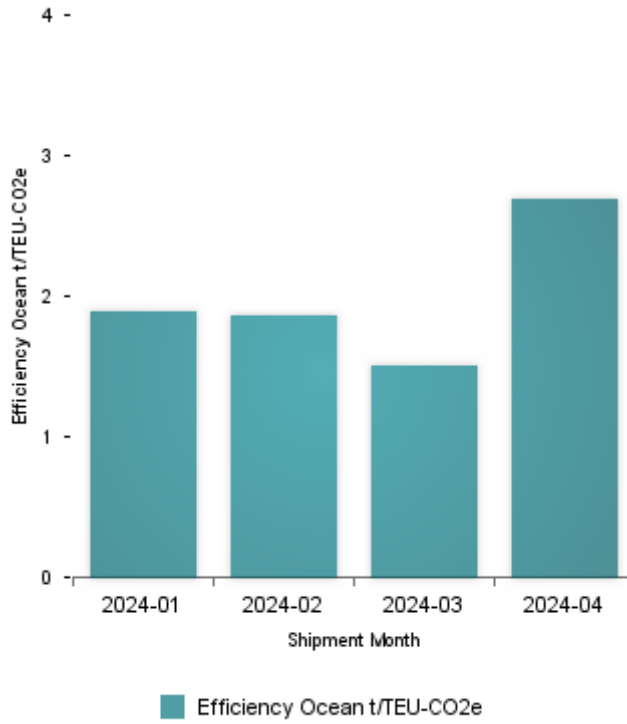


	Shipment Count	Pre On Carriage CO2e (tons)	Main Haul CO2e (tons)	Total
2024-01	3	0,84	0,48	1,32
2024-02	7	0,92	0,54	1,47
2024-03	4	1,98	1,33	3,31
2024-04	1	0,09	0,03	0,12

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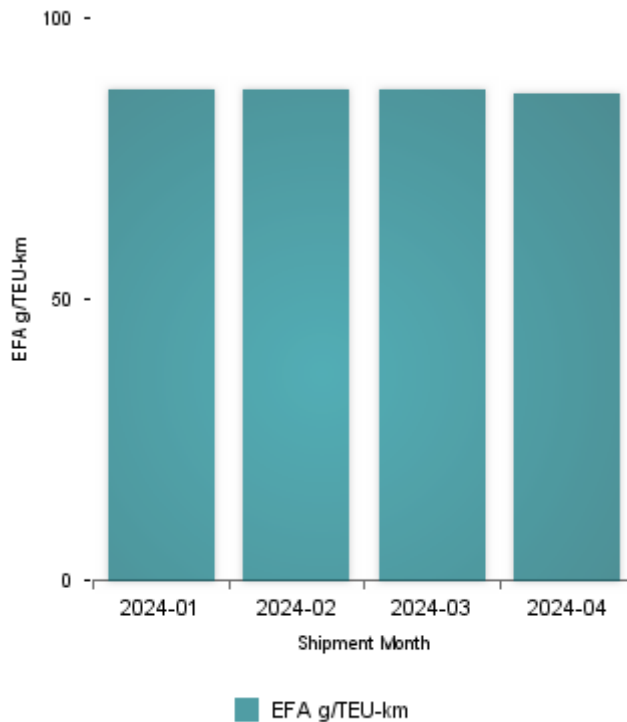


Customer Efficiency (kg per TEU of freight)



	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

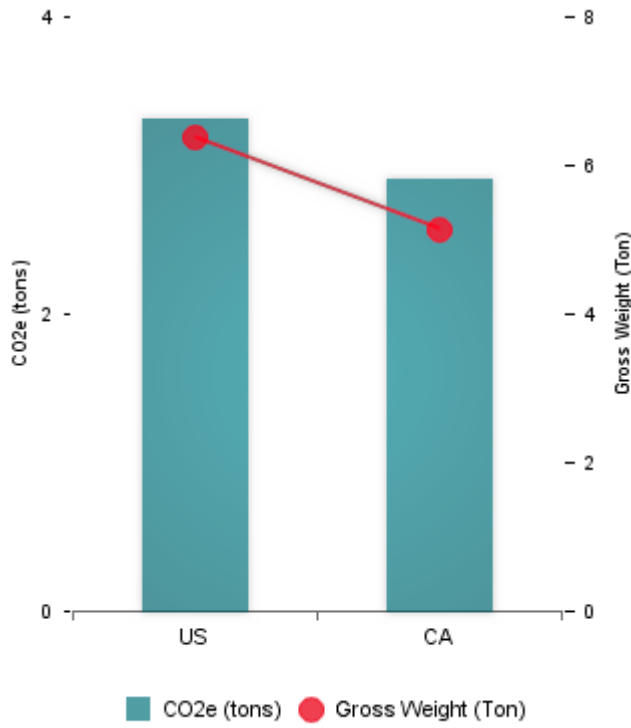


# Ocean - Emissions



## Weight & CO2e per Origin Country

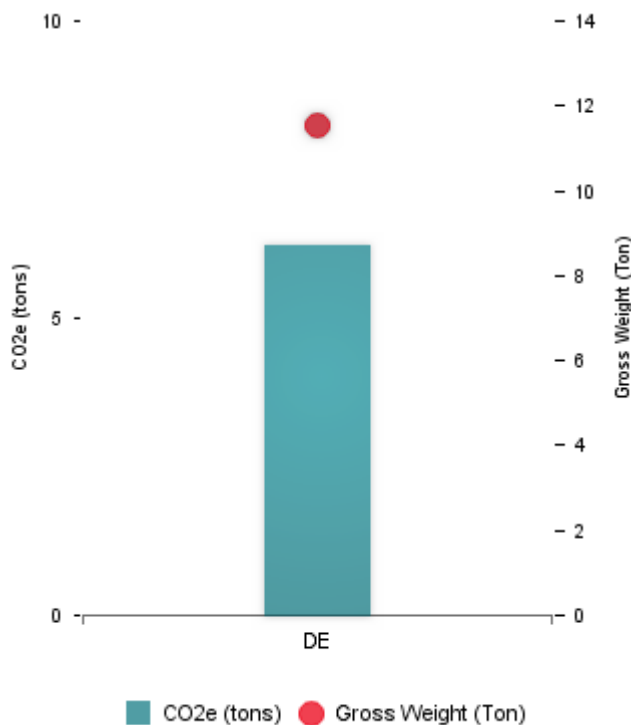
Showing top 12 busiest countries



	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

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## 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 calculated 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

<b>CCWG</b>	Clean Cargo Working Group, see: <a href="http://greenfreightandlogistics.org/programs/clean-cargo-working-group/">http://greenfreightandlogistics.org/programs/clean-cargo-working-group/</a>
<b>CODi</b>	Collection and distribution transports
<b>EcoTransIT World</b>	Transport emission calculator, co-developed by DB Schenker Logistics, publicly available at: <a href="http://www.ecotransit.org">www.ecotransit.org</a>
<b>EFA</b>	Emission Factor = per TEU and per km carbon emission
<b>EN16258</b>	European Standard for Carbon Emission Calculation, see: <a href="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/">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/</a>
<b>FTL</b>	Full truck load
<b>HBEFA</b>	Handbook for Emission Factors in Heavy Duty Transports (Trucks)
<b>LTL</b>	Less than (full) truck load
<b>OAG</b>	Air transport timetables, see <a href="http://www.oagtimetables.com/choose.htm">http://www.oagtimetables.com/choose.htm</a>
<b>SCAC Code</b>	Standard Carrier Alpha Code, see: <a href="http://www.scacodelist.com/">http://www.scacodelist.com/</a>
<b>tkm</b>	Ton-kilometre, normalizer unit for energy consumption in shared transports
<b>TTW</b>	Tank-to-wheel = direct emissions when burning the fuel
<b>WTW</b>	Well-to-wheel = direct + indirect emissions, the latter originating from fuel production and transport

## Ocean - Emissions



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)
<a href="#">0000000000000</a>	11.1.24	XXSITT	CHGOE230007649	USMSP0000004607	USORF - DEHAM			1,43	0,74	0,33	5,30	0,22	0,85	87,20
<a href="#">0000000000000</a>	4.1.24	XXSITT	CHGOE230007650	USMSP0000004611	USORF - DEHAM			0,24	0,14	0,07	1,04	0,04	0,17	87,55
<a href="#">0000000000000</a>	20.1.24	XXSITT	CHGOE240000062	USMSP0000004613	USORF - DEHAM			0,77	0,45	0,22	3,55	0,15	0,59	87,10
<a href="#">0000000000000</a>	7.2.24	XXSITT	CHGOE240000021	USMSP0000004624	USORF - DEHAM			0,44	0,25	0,13	1,99	0,09	0,33	87,06
<a href="#">0000000000000</a>	7.2.24	XXSITT	CHGOE240000021	USMSP0000004627	USORF - DEHAM			0,43	0,24	0,12	1,84	0,08	0,30	87,10
<a href="#">0000000000000</a>	14.2.24	XXSITT	CHGOE240000406	USMSP0000004628	USORF - DEHAM			0,16	0,12	0,07	1,14	0,05	0,20	86,70
<a href="#">0000000000000</a>	14.2.24	XXSITT	CHGOE240000022	USMSP0000004639	USORF - DEHAM			1,01	0,51	0,22	3,49	0,14	0,55	87,04
<a href="#">0000000000000</a>	21.2.24	XXSITT	CHGOE240000023	USMSP0000004641	USORF - DEHAM			0,09	0,05	0,02	0,35	0,01	0,06	86,38
<a href="#">0000000000000</a>	21.2.24	XXSITT	CHGOE240000023	USMSP0000004642	USORF - DEHAM			0,20	0,09	0,04	0,71	0,03	0,10	87,07
<a href="#">0000000000000</a>	21.2.24	XXSITT	CHGOE240000023	USMSP0000004647	USORF - DEHAM			0,40	0,22	0,10	1,60	0,07	0,26	87,10
<a href="#">0000000000000</a>	6.3.24	XXSITT	CHGOE240001019	USMSP0000004649	USORF - DEHAM			0,06	0,03	0,01	0,16	0,01	0,03	87,97
<a href="#">0000000000000</a>	5.3.24	XXSITT	CHGOE240000460	USMSP0000004650	USORF - DEHAM			0,49	0,21	0,10	1,72	0,07	0,24	87,36
<a href="#">0000000000000</a>	6.3.24	XXSITT	CHGOE240000461	USMSP0000004653	USORF - DEHAM			0,33	0,16	0,07	1,10	0,04	0,17	86,57
<a href="#">0000000000000</a>	15.3.24	XXSITT	MSPTA240000046	MSPTA0000000265	CAMTR - DEHAM			5,14	2,91	1,48	23,46	1,04	4,02	87,06
<a href="#">0000000000000</a>	11.4.24	XXSITT	CHGOE240001228	USMSP0000004677	USORF - DEHAM			0,33	0,12	0,04	0,78	0,03	0,09	86,50