



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: 01/01/2022
 Shipment Date To: 31/12/2022
 userSIMSID LDITLEVS

Web Group ID: DK10081687

IN THIS REPORT

Total shipments:



Total CO2e (tons):



Busiest lane:



(By Shipment Count)

Geographic Cover

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

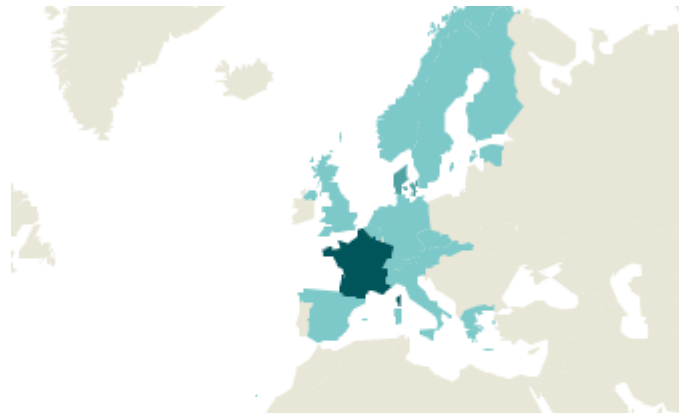
Export Countries



Shipment Count



Import Countries

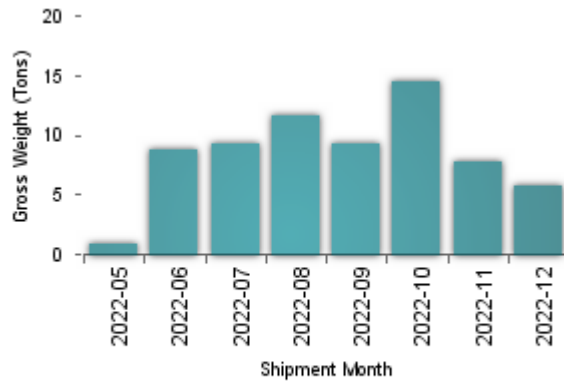


Shipment Count



Land - Emissions

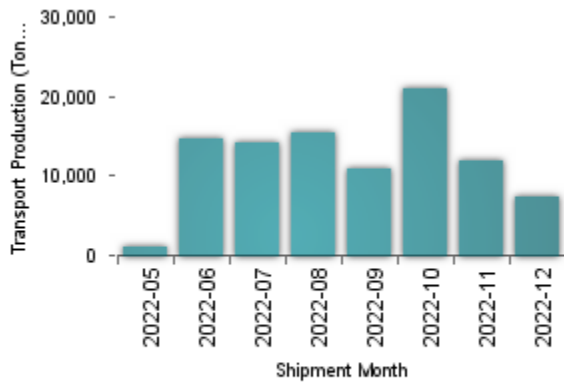
Tons of Freight (tons)



Gross Weight (Tons)

	Gross Weight (Tons)	Shipment Count
2022-05	0.86	3
2022-06	8.78	67
2022-07	9.21	58
2022-08	11.57	61
2022-09	9.23	65
2022-10	14.4	121
2022-11	7.79	53
2022-12	5.79	43

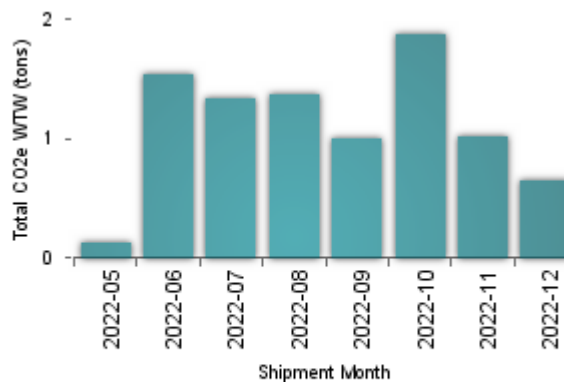
Ton-Kilometre (tkm)



Transport Production (Ton*km)

	Transport Production (Ton*km)	Shipment Count
2022-05	1,024.61	3
2022-06	14,622.62	67
2022-07	14,221.35	58
2022-08	15,256.72	61
2022-09	10,855.33	65
2022-10	20,999.22	121
2022-11	11,960.04	53
2022-12	7,264.48	43

Total CO2e WTW (tons)

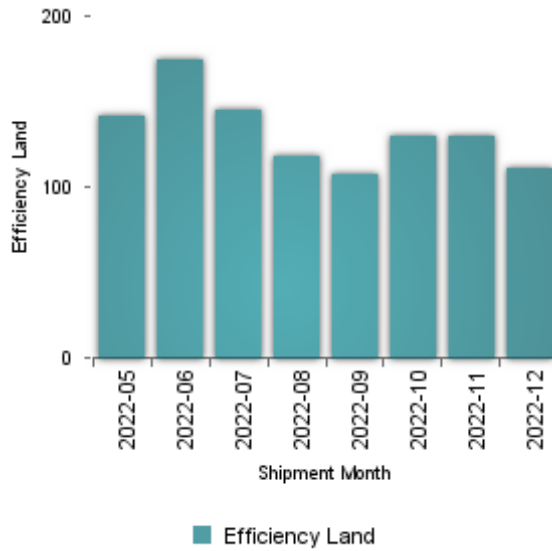


Total CO2e WTW (tons)

	Total CO2e WTW (tons)	Shipment Count
2022-05	0.12	3
2022-06	1.53	67
2022-07	1.33	58
2022-08	1.35	61
2022-09	0.98	65
2022-10	1.86	121
2022-11	1.01	53
2022-12	0.64	43

Land - Emissions

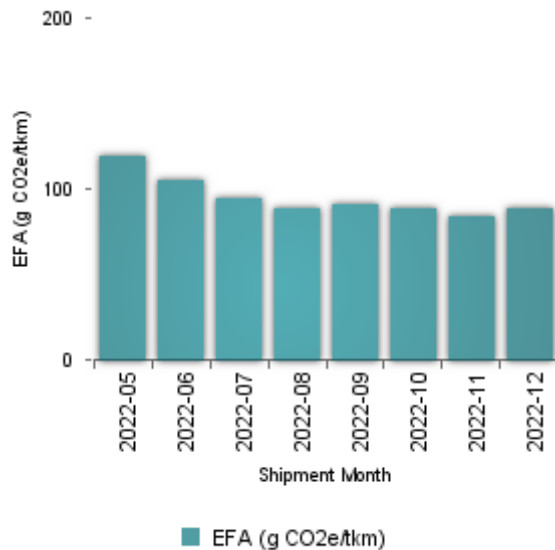
Customer Efficiency (kg CO2e per ton of freight)



	Efficiency	Shipment Count
2022-05	140.93	3
2022-06	174.29	67
2022-07	144.67	58
2022-08	117.13	61
2022-09	106.51	65
2022-10	129.3	121
2022-11	129.16	53
2022-12	110.85	43

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
2022-05	118.29	3
2022-06	104.65	67
2022-07	93.67	58
2022-08	88.79	61
2022-09	90.61	65
2022-10	88.63	121
2022-11	84.07	53
2022-12	88.35	43

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	471
Gross Weight (Tons)	67.62
Transport Production (Ton*km)	96,204.37
Total Distance (km)	581,339.92
Total CO2e WTW (tons)	8.83
Total NMHC WTW (kg)	2.81
Total NOx WTW (kg)	15.2
Total PM WTW (kg)	0.87
Total SO2 WTW (kg)	3.97

Land - Emissions



Top Ten Relations

Relations	Shipments	Gross Weight (Tons)	Transport Production (Ton*km)
Copenhagen - Bonneuil-en-France	14	1.97	2,859.78
Copenhagen - Bordeaux	10	1.68	3,117.88
Copenhagen - Châteaulin	8	1.61	3,709.27
Copenhagen - Dax	11	1.52	2,999.6
Copenhagen - Evreux	2	2.52	4,284.93
Copenhagen - La Coruna	8	1.75	4,950.14
Copenhagen - Lyon	10	1.95	3,263.21
Copenhagen - Malaga	4	1.93	5,972.31
Copenhagen - Nice	23	3.19	6,330.18
Copenhagen - Palma de Mallorca	5	0.91	2,586.87

Relations	Total CO2e WTW (tons)	Total NMHC WTW (kg)	Total NOx WTW (kg)	Total PM WTW (kg)	Total SO2 WTW (kg)
Copenhagen - Nice	0.56	0.17	0.72	0.03	0.22
Copenhagen - Malaga	0.51	0.15	0.6	0.02	0.19
Copenhagen - La Coruna	0.42	0.13	0.51	0.02	0.16
Copenhagen - Evreux	0.38	0.11	0.5	0.02	0.15
Copenhagen - Châteaulin	0.32	0.1	0.41	0.02	0.13
Copenhagen - Lyon	0.31	0.1	0.41	0.02	0.13
Copenhagen - Bordeaux	0.27	0.08	0.34	0.02	0.11
Copenhagen - Bonneuil-en-France	0.26	0.08	0.35	0.02	0.11
Copenhagen - Dax	0.26	0.08	0.32	0.01	0.1
Copenhagen - Palma de Mallorca	0.23	0.1	1.01	0.08	0.18

Land - Emissions

Months

Relations	Shipments	Gross Weight (Tons)	Transport Production (Ton*km)
May	3	0.86	1,024.61
June	67	8.78	14,622.62
July	58	9.21	14,221.35
August	61	11.57	15,256.72
September	65	9.24	10,855.33
October	121	14.4	20,999.22
November	53	7.79	11,960.04
December	43	5.79	7,264.48

Relations	Total CO2e WTW (tons)	Total NMHC WTW (kg)	Total NOx WTW (kg)	Total PM WTW (kg)	Total SO2 WTW (kg)
May	0.12	0.07	0.96	0.09	0.15
June	1.53	0.48	2.49	0.13	0.66
July	1.33	0.4	1.75	0.08	0.53
August	1.35	0.44	2.42	0.15	0.62
September	0.98	0.31	1.51	0.08	0.42
October	1.86	0.61	3.57	0.22	0.88
November	1.01	0.31	1.41	0.07	0.41
December	0.64	0.2	1.09	0.06	0.29

Land - Emissions

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 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

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.com
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.scacodelist.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



CO2 Emissions

Schenker Shipment ID / STT	ETD Date	Origin	Destination	Gross Weight (Tons)	Total Distance (km)	Transport Productivity (Ton/km)	Total CO2e		Total NMHC		Total PM		Total SO2		EFA (g CO2e/km)
							WTW (tons)	WTT (kg)	WTT (kg)	WTT (kg)	WTT (kg)	WTT (kg)			
CPH2002442	30/06/2022	Copenhagen	Copenhagen	0.03	1,013.99	473.53	0.01	0	0	0.01	0	0	0	0	123.27
CPH2002427	31/05/2022	Copenhagen-Helsinki / Helsinki	Copenhagen-Bordeaux	0.64	1,489.74	707.53	0.09	0.06	0.02	0.09	0.14	0.02	0.14	0.14	126.03
CPH2002440	31/05/2022	Copenhagen	Copenhagen-Bordeaux	0.16	1,950.45	317.09	0.03	0.01	0.04	0	0	0	0	0	101.11
CPH2009275	10/06/2022	Copenhagen	Copenhagen-Bordeaux	0.07	1,426.98	155.54	0.02	0.01	0.03	0	0	0	0	0	116.08
CPH2009296	10/06/2022	Copenhagen	Copenhagen-Bordeaux	0.08	1,950.45	161.35	0.02	0	0.02	0	0	0	0	0	101.44
CPH2009792	10/06/2022	Copenhagen	Copenhagen-Avignon	0.3	1,739.25	546.08	0.06	0.02	0.08	0	0	0	0	0	104.35
CPH2009754	10/06/2022	Copenhagen	Copenhagen-München	0.06	1,097.15	67.89	0.01	0	0.01	0	0	0	0	0	114.02
CPH2009755	14/06/2022	Copenhagen	Copenhagen-Málaga	0.36	3,036.86	1,111.14	0.11	0.03	0.14	0.01	0.04	0.01	0.04	0.04	114.04
CPH2001008	14/06/2022	Copenhagen	Copenhagen-Alicante	0.1	2,924.28	308.92	0.03	0.01	0.04	0	0	0	0	0	111.04
CPH2001008	13/06/2022	Copenhagen	Copenhagen-Bergamo	0.2	1,580.5	342.04	0.04	0.01	0.06	0	0	0	0	0	110.02
CPH2003225	17/06/2022	Copenhagen	Copenhagen-Avignon	0.1	1,739.25	166.65	0.03	0.01	0.04	0	0	0	0	0	111.24
CPH2003237	16/06/2022	Copenhagen	Copenhagen-Marseille	0.18	1,817.8	346.7	0.04	0.01	0.05	0	0	0	0	0	103.81
CPH2003238	16/06/2022	Copenhagen	Copenhagen-Athens	0.04	3,042.99	125.1	0.01	0	0.01	0	0	0	0	0	93.13
CPH2003270	17/06/2022	Copenhagen	Copenhagen-Málaga	0.22	3,036.86	697.89	0.07	0.02	0.09	0	0	0	0	0	99.81
CPH2003274	16/06/2022	Copenhagen	Copenhagen-Bordeaux-en-Fra	0.2	1,514.31	319.56	0.03	0.01	0.05	0	0	0	0	0	107.67
CPH2003311	16/06/2022	Copenhagen	Copenhagen-Bergen	0.1	1,013.99	109.34	0.01	0	0.02	0	0	0	0	0	125.09
CPH2003316	16/06/2022	Copenhagen	Copenhagen-Graz	0.15	1,489.74	233.16	0.03	0.01	0.03	0	0	0	0	0	107.41
CPH2003324	16/06/2022	Copenhagen	Copenhagen-Köln/Cologne	0.07	1,739.25	85.25	0.01	0	0.01	0	0	0	0	0	89.23
CPH2004021	17/06/2022	Copenhagen	Copenhagen-Kolding	0.09	235.43	35.77	0	0	0	0	0	0	0	0	103.02
CPH2004054	17/06/2022	Copenhagen	Copenhagen-Saint-Brieuc	0.12	1,957.7	251.71	0.03	0.01	0.03	0	0	0	0	0	101.10
CPH2004070	17/06/2022	Copenhagen	Copenhagen-Bologna	0.2	1,651.55	158.51	0.04	0.01	0.06	0	0	0	0	0	102.10
CPH2004078	21/06/2022	Copenhagen	Copenhagen-Barcelona	0.06	2,275.88	340.69	0.01	0	0.02	0	0	0	0	0	101.51
CPH2004084	17/06/2022	Copenhagen	Copenhagen-Troyes	0.2	1,430.07	298.89	0.03	0.01	0.03	0	0	0	0	0	108.57
CPH2004091	17/06/2022	Copenhagen	Copenhagen-Avignon	0.2	1,739.25	319.56	0.03	0.01	0.03	0	0	0	0	0	105.26
CPH2004076	17/06/2022	Copenhagen	Copenhagen-Talje	0.2	1,173.42	245.53	0.03	0.02	0.03	0.03	0.03	0.03	0.03	0.03	125.12
CPH2004586	17/06/2022	Copenhagen	Copenhagen-Sandefjord	0.08	675.86	61.54	0.01	0	0.01	0	0	0	0	0	119.12
CPH2004937	20/06/2022	Copenhagen	Copenhagen-Bratislava	0.24	1,508.03	378.09	0.04	0.01	0.06	0	0	0	0	0	102.15
CPH2004939	20/06/2022	Copenhagen	Copenhagen-Nice	0.24	2,017.83	505.3	0.05	0.02	0.07	0	0	0	0	0	100.92
CPH2004940	20/06/2022	Copenhagen	Copenhagen-Nice	0.22	2,017.83	465.24	0.05	0.01	0.06	0	0	0	0	0	102.11
CPH2004941	20/06/2022	Copenhagen	Copenhagen-Bergamo	0.06	1,580.5	154.53	0.01	0	0.02	0	0	0	0	0	101.10
CPH2004943	20/06/2022	Copenhagen	Copenhagen-Malmö	0.11	1,989.8	262.75	0.02	0.01	0.03	0	0	0	0	0	109.23
CPH2005859	21/06/2022	Copenhagen	Copenhagen-Nantes	0.08	1,896.78	157.73	0.02	0	0.02	0	0	0	0	0	111.45
CPH2005873	21/06/2022	Copenhagen	Copenhagen-Lyon	0.28	1,502.82	485.52	0.05	0.02	0.07	0	0	0	0	0	101.29
CPH2005874	21/06/2022	Copenhagen	Copenhagen-Clermont-Ferrand	0.22	1,644.99	565.19	0.06	0.02	0.08	0	0	0	0	0	105.04
CPH2005877	21/06/2022	Copenhagen	Copenhagen-Copenhagen	0.55											
CPH2005881	24/06/2022	Copenhagen	Copenhagen-Madrid	0.1	2,983.88	346.31	0.03	0.01	0.04	0	0	0	0	0	89.07
CPH2005882	23/06/2022	Copenhagen	Copenhagen-Dax	0.1	2,017.83	211.47	0.02	0.01	0.03	0	0	0	0	0	101.28
CPH2005885	23/06/2022	Copenhagen	Copenhagen-Dax	0.1	2,247.09	237.08	0.02	0.01	0.03	0	0	0	0	0	99.05
CPH2005897	23/06/2022	Copenhagen	Copenhagen-Roma	0.13	2,021.38	211.73	0.03	0.01	0.04	0	0	0	0	0	99.02
CPH2005898	23/06/2022	Copenhagen	Copenhagen-Drammen	0.06	599.95	40.2	0	0	0.01	0	0	0	0	0	118.76
CPH2005899	23/06/2022	Copenhagen	Copenhagen-Oslo	0.1	555.4	62.82	0.01	0	0.01	0	0	0	0	0	116.71
CPH2005896	23/06/2022	Copenhagen	Copenhagen-Kolding	0.08	235.43	32.02	0	0	0	0	0	0	0	0	103.47
CPH2005897	23/06/2022	Copenhagen	Copenhagen-Bergen	0.05	1,013.99	54.67	0.01	0	0.01	0	0	0	0	0	125.09
CPH2005909	28/06/2022	Copenhagen	Copenhagen-Palma de Maior	0.15	2,719.2	426.65	0.04	0.02	0.17	0.01	0.03	0.01	0.03	0.03	87.49
CPH2005898	27/06/2022	Copenhagen	Copenhagen-Saint-Brieuc	0.3	1,957.7	626.27	0.07	0.02	0.09	0	0	0	0	0	103.56
CPH2005899	27/06/2022	Copenhagen	Copenhagen-Chambery	0.15	1,497.87	239.45	0.03	0.01	0.03	0	0	0	0	0	108.28
CPH2005892	27/06/2022	Copenhagen	Copenhagen-Châlons-en-Champagne	0.15	1,347.11	218.73	0.02	0.01	0.03	0	0	0	0	0	112.13
CPH2005893	28/06/2022	Copenhagen	Copenhagen-La Coruna	0.3	2,758.46	846.68	0.08	0.03	0.11	0	0	0	0	0	99.46
CPH2005894	28/06/2022	Copenhagen	Copenhagen-Saint-Brieuc	0.1	1,957.7	251.71	0.03	0.01	0.03	0	0	0	0	0	114.55
CPH2005895	27/06/2022	Copenhagen	Copenhagen-Châteauneuf	0.04	2,134.8	92.36	0.01	0	0.01	0	0	0	0	0	102.27
CPH2005896	28/06/2022	Copenhagen	Copenhagen-Bratislava	0.08	1,508.03	125.97	0.01	0	0.02	0	0	0	0	0	105.27
CPH2005897	28/06/2022	Copenhagen	Copenhagen-Nice	0.07	2,017.83	146.31	0.01	0	0.02	0	0	0	0	0	100.36
CPH2005898	28/06/2022	Copenhagen	Copenhagen-London	0.08	1,255.71	142.65	0.02	0.01	0.04	0	0	0	0	0	113.35
CPH2005899	28/06/2022	Copenhagen	Copenhagen-Lyon	0.08	1,502.82	134.35	0.01	0	0.02	0	0	0	0	0	111.4
CPH2005903	28/06/2022	Copenhagen	Copenhagen-Kolding	0.1	235.43	30.74	0	0	0.02	0	0	0	0	0	103.25
CPH2005902	28/06/2022	Copenhagen	Copenhagen-Basel	0.08	1,361.79	134.04	0.02	0.01	0.03	0	0	0	0	0	114.13
CPH2005901	28/06/2022	Copenhagen	Copenhagen-Zürich	0.16	1,343.81	243.66	0.03	0.01	0.04	0	0	0	0	0	113.27
CPH2005902	28/06/2022	Copenhagen	Copenhagen-London	0.09	1,255.71	120.32	0.01	0.01	0.04	0	0	0	0	0	120.33
CPH2005903	30/06/2022	Copenhagen	Copenhagen-Girona	0.02	2,375.08	37.23	0	0	0	0	0	0	0	0	99.83
CPH2005904	28/06/2022	Copenhagen	Copenhagen-Köln/Cologne	0.06	752.95	49.42	0	0	0.01	0	0	0	0	0	101.52
CPH2005905	28/06/2022	Copenhagen	Copenhagen-Avignon	0.08	1,739.25	146.9	0.02	0	0.02	0	0	0	0	0	101.10
CPH2005906	28/06/2022	Copenhagen	Copenhagen-Marseille	0.07	1,817.8	132.52	0.01	0	0.02	0	0	0	0	0	104.75
CPH2005907	28/06/2022	Copenhagen	Copenhagen-Marseille	0.08	1,817.8	132.52	0.01	0	0.02	0	0	0	0	0	104.75
CPH2005908	30/06/2022	Copenhagen	Copenhagen-Helsingborg	0.1	57.92	13.39	0	0	0	0	0	0	0	0	120.79
CPH2005909	30/06/2022	Copenhagen	Copenhagen-Bordeaux	0.12	1,950.45	249.6	0.03	0.01	0.03	0	0	0	0	0	103.39
CPH2005910	30/06/2022	Copenhagen	Copenhagen-Copenhagen	0.12	11.8	0	0	0	0	0	0	0	0	0	125.9
CPH2005911	04/07/2022	Copenhagen	Copenhagen-Saint-Etienne	0.14	1,612.14	240.21	0.03	0.01	0.03	0	0	0	0	0	106.62
CPH2005912	04/07/2022	Copenhagen	Copenhagen-Oslo	0.2	555.4	125.65	0.01	0	0.02	0	0	0	0	0	116.71
CPH2005913	04/07/2022	Copenhagen	Copenhagen-Toulon	0.08	1,898.2	164.31	0.02	0.01	0.02	0	0	0	0	0	101.10
CPH2005914	05/07/2022	Copenhagen	Copenhagen-Kolding	0.45	235.43	198.2	0.02	0.01	0.02	0	0	0	0	0	101.10
CPH2005915	05/07/2022	Copenhagen	Copenhagen-Copenhagen	0.05	3.99	0	0	0	0	0	0	0	0	0	126.64
CPH2005916	07/07/2022	Copenhagen	Copenhagen-Bergen	0.08	1,013.99	86.72	0.01	0	0.01	0	0	0	0	0	125.27
CPH2005917	07/07/2022	Copenhagen	Copenhagen-Paris	0.12	1,515.7	190.05	0.02	0.01	0.03	0	0	0	0	0	106.29
CPH2005918	08/07/2022	Copenhagen	Copenhagen-Copenhagen	0.15	1,555.4	172.8	0	0	0	0	0	0	0	0	125.61
CPH2005919	11/07/2022	Copenhagen	Copenhagen-Nice	0.24	2,017.83	339.5	0.03	0.01	0.04	0	0	0	0	0	101.10
CPH2005920	12/07/2022	Copenhagen	Copenhagen-Saint-Omer	0.07	1,606.15	121.06	0.01	0	0.02	0	0	0	0	0	107.36
CPH2005921	12/07/2022	Copenhagen	Copenhagen-Bmo	0.24	1,426.98	381.74	0.04	0.01	0.07	0	0	0	0	0	101.11
CPH2005922	12/07/2022	Copenhagen	Copenhagen-Copenhagen	0.09		8.31	0	0	0	0	0	0	0	0	129.48
CPH2005923	12/07/2022	Copenhagen	Copenhagen-Copenhagen	0.05		6.35	0	0	0	0	0	0	0	0	127.34
CPH2005924	19/07/2022	Copenhagen	Copenhagen-Copenhagen	0.13	235.43	42.01	0	0	0	0	0	0	0	0	125.45
CPH2005925	20/07/2022	Copenhagen	Copenhagen-Copenhagen	0.09		6.75	0	0	0	0	0	0	0	0	125.45
CPH2005926	20/07/2022	Copenhagen	Copenhagen-Bmo	0.15	1,426.98	236.84	0.03	0.01	0.04	0	0	0	0	0	114.34
CPH2005927	22/07/2022	Copenhagen	Copenhagen-Málaga												