



ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

ICAO document

**CORSIA Central Registry (CCR):
Information and Data for Transparency**



**Part II: Total CO₂ Emissions for 2019 Aggregated for all Aeroplane
Operators on each State Pair**

October 2022



Carbon Offsetting and Reduction Scheme for International Aviation

This is Part II of ICAO document “*CORSIA Central Registry (CCR): Information and Data for Transparency*” that is referenced in Annex 16 — *Environmental Protection*, Volume IV — *Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA)*. Part II of this ICAO CORSIA document is material approved by the ICAO Council for publication by ICAO to support Annex 16, Volume IV and is essential for the implementation of the CORSIA. Part II of this ICAO CORSIA document is available on the ICAO CORSIA website and may only be amended by the Council.

Disclaimer: *The designations employed and the presentation of the material presented in Part II of this ICAO CORSIA document do not imply the expression of any opinion whatsoever on the part of ICAO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.*

**Amendments to Part II of the ICAO document
“*CORSIA Central Registry (CCR): Information and data for transparency*”**

<i>Edition</i>	<i>Amendment</i>	<i>Approved</i>
2 nd	This edition contains 2019 CO ₂ emissions data in accordance with the provisions of Assembly Resolution A41-22, paragraph 11 b). The emissions in this edition incorporate data submitted by States following the publication of the first edition of Part II of this ICAO CORSIA document.	28 Oct 2022

PART II: Total CO₂ Emissions for 2019 Aggregated for all Aeroplane Operators on each State Pair¹

Part II of ICAO document “*CORSIA Central Registry (CCR): Information and Data for Transparency*” contains total 2019 CO₂ emissions aggregated for all aeroplane operators on each State pair in accordance with Notes 1, 2 and 3 of Table A5-5 in Appendix 5 to Annex 16, Volume IV, and pursuant to the provisions of Assembly Resolution A41-22, paragraph 11 b).

The information used to produce Part II of this ICAO CORSIA document is based on the 2019 CO₂ emissions data submitted by States through the CCR, and, where necessary, data provided by ICAO (in accordance with the provisions of Annex 16, Volume IV, Part II, Chapter 2, 2.5.2.2) for States that did not submit their aggregated Emissions Report in accordance with the timeline as defined in Appendix 1 to Annex 16, Volume IV. The Appendix to this document contains the list of the reporting States (shown as “Submitted”) and the States for which data was provided by ICAO (shown as “Gap filling”). A description of the emissions gap filling methodology is available on the ICAO website.²

The data in this document is presented in a table format. Specifically:

- The first column lists all State pairs for which CO₂ emissions data was available for 2019;
- The second column contains the 2019 CO₂ emissions on each State pair that apply to the pilot phase (2021-2023) of CORSIA pursuant to Assembly Resolution A41-22, paragraph 11 b);
- The third column contains the CO₂ emissions on each State pair that apply to the first phase (2024-2026) and the second phase (2027-2035) of CORSIA pursuant to Assembly Resolution A41-22, paragraph 11 b). In particular, the values in the third column represent 85 per cent of the corresponding 2019 values in the second column;
- The symbols “*” and “-” signify that the aggregated total for the specific State pair was identified as partially or totally confidential, as explained below;
- The total aggregated values at the top of the table were calculated using both confidential and non-confidential data;
- All values in the table were rounded to the nearest tonne.

Treatment of confidential data

Pursuant to the provisions of Annex 16, Volume IV, Part II, Chapter 2, 2.3.1.6 and 2.3.1.7, some States have indicated which data was confidential in their submission through the CCR (Annex 16, Volume IV, Part II, Chapter 2, 2.3.2.3). To ensure that confidential data is not attributed to any specific aeroplane operator in accordance with Annex 16, Volume IV, Part II, Chapter 2, 2.3.2.4, the following approach has been taken:

¹ The title of this part of the ICAO CORSIA document has been modified to reflect the decision taken by the ICAO Assembly at its 41st Session as reflected in Assembly Resolution A41-22, paragraph 11 b).

² <https://www.icao.int/environmental-protection/CORSIA/Pages/CCR.aspx>

- Where three or more reporting States submitted CO₂ emissions on a specific State pair (irrespective of any indication of confidential data by one or more States), all submitted data was used to calculate the total emissions shown in the table;
- Where two reporting States submitted CO₂ emissions data on a specific State pair and one of these two States indicated that the reported data was confidential, only the non-confidential data was used to calculate the total emissions; the result is shown in the table together with the symbol “*” to signify that the published value does not contain the confidential data;
- Where one or two reporting States submitted confidential CO₂ emissions data on a specific State pair, no data is published and this is shown with the symbol “–” in the table.

Total CO₂ Emissions for 2019 Aggregated for all Aeroplane Operators on each State Pair*Last update: 28/Oct/2022*

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
<i>Total aggregated</i>	608,076,604	516,865,113
Afghanistan-Azerbaijan	16,829	14,305
Afghanistan-Bahrain	1,149	977
Afghanistan-Bangladesh	-	-
Afghanistan-Belgium	8,339	7,089
Afghanistan-Bulgaria	1,369	1,164
Afghanistan-China	15,336	13,035
Afghanistan-Georgia	1,696	1,441
Afghanistan-Germany	11,314	9,617
Afghanistan-India	22,070	18,759
Afghanistan-Iran (Islamic Republic of)	1,874*	1,593*
Afghanistan-Italy	367	312
Afghanistan-Jordan	537	456
Afghanistan-Kazakhstan	2	2
Afghanistan-Kuwait	210	179
Afghanistan-Latvia	583	495
Afghanistan-Netherlands	2,698	2,293
Afghanistan-Pakistan	9,606	8,165
Afghanistan-Qatar	-	-
Afghanistan-Republic of Korea	5,521	4,693
Afghanistan-Romania	8,614	7,322
Afghanistan-Saudi Arabia	151,047	128,390
Afghanistan-Singapore	206	175
Afghanistan-Spain	1,317	1,119
Afghanistan-Tajikistan	616	524
Afghanistan-Thailand	367	312
Afghanistan-Türkiye	66,175	56,248
Afghanistan-Turkmenistan	1,481	1,259
Afghanistan-Uganda	669	569
Afghanistan-Ukraine	336	286
Afghanistan-United Arab Emirates	83,928	71,338
Afghanistan-United Kingdom	272	231
Afghanistan-Uzbekistan	3,437	2,922
Afghanistan-Viet Nam	1,473*	1,252*
Albania-Algeria	24	20
Albania-Armenia	23	19
Albania-Austria	7,734	6,574
Albania-Azerbaijan	48	41
Albania-Belarus	-	-
Albania-Belgium	3,776	3,209

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Albania-Bosnia and Herzegovina	18	16
Albania-Bulgaria	69	59
Albania-Croatia	8	6
Albania-Czechia	673*	572*
Albania-Denmark	568	483
Albania-Egypt	480	408
Albania-Finland	282	240
Albania-France	3,034	2,579
Albania-Georgia	168	143
Albania-Germany	16,389	13,930
Albania-Greece	3,673	3,122
Albania-Hungary	1,532	1,302
Albania-Iceland	51	44
Albania-Israel	1,634	1,389
Albania-Italy	77,442	65,826
Albania-Kuwait	35	30
Albania-Latvia	56*	48*
Albania-Lithuania	167*	142*
Albania-Malta	9	7
Albania-Montenegro	21	18
Albania-Netherlands	2,443	2,076
Albania-North Macedonia	20	17
Albania-Norway	1,335	1,135
Albania-Poland	4,393	3,734
Albania-Qatar	-	-
Albania-Republic of Korea	-	-
Albania-Republic of Moldova	-	-
Albania-Romania	83	70
Albania-Russian Federation	210	178
Albania-Saudi Arabia	-	-
Albania-Serbia	1,395	1,186
Albania-Slovakia	-	-
Albania-Slovenia	2,862	2,433
Albania-Spain	135	114
Albania-Sweden	813	691
Albania-Switzerland	1,191	1,013
Albania-Türkiye	9,674	8,223
Albania-Ukraine	889	756
Albania-United Arab Emirates	46	39
Albania-United Kingdom	16,195	13,765
Algeria-Angola	142	121
Algeria-Austria	2,215*	1,883*
Algeria-Belarus	-	-
Algeria-Belgium	11,247	9,560
Algeria-Botswana	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Algeria-Bulgaria	10	9
Algeria-Burkina Faso	68*	58*
Algeria-Cabo Verde	-	-
Algeria-Canada	11,178*	9,501*
Algeria-Central African Republic	-	-
Algeria-Chad	-	-
Algeria-China	-	-
Algeria-Côte d'Ivoire	5,485	4,662
Algeria-Cyprus	17	15
Algeria-Democratic Republic of the Congo	69*	58*
Algeria-Denmark	5	5
Algeria-Egypt	10,542*	8,961*
Algeria-Equatorial Guinea	-	-
Algeria-France	254,350	216,198
Algeria-Gabon	608	517
Algeria-Georgia	-	-
Algeria-Germany	18,201	15,471
Algeria-Ghana	17*	15*
Algeria-Greece	284	242
Algeria-Guinea	-	-
Algeria-Hungary	14*	12*
Algeria-Ireland	-	-
Algeria-Italy	13,781	11,714
Algeria-Jordan	9,330	7,930
Algeria-Kenya	-	-
Algeria-Lebanon	-	-
Algeria-Libya	-	-
Algeria-Mali	-	-
Algeria-Malta	2	2
Algeria-Mauritania	23*	20*
Algeria-Morocco	17,741	15,080
Algeria-Netherlands	-	-
Algeria-Niger	3,890	3,307
Algeria-Norway	265	226
Algeria-Portugal	1,806	1,535
Algeria-Qatar	-	-
Algeria-Republic of Korea	-	-
Algeria-Russian Federation	1,980	1,683
Algeria-Saudi Arabia	145,079	123,317
Algeria-Senegal	30*	26*
Algeria-Spain	36,706	31,200
Algeria-Sudan	-	-
Algeria-Sweden	-	-
Algeria-Switzerland	4,727	4,018
Algeria-Tunisia	14,058	11,949

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Algeria-Türkiye	90,223	76,690
Algeria-Ukraine	341	290
Algeria-United Arab Emirates	70,480	59,908
Algeria-United Kingdom	12,448	10,581
Algeria-United Republic of Tanzania	-	-
Angola-Algeria	27	23
Angola-Argentina	300	255
Angola-Belgium	38	32
Angola-Botswana	201	171
Angola-Burundi	13	11
Angola-Cabo Verde	48	41
Angola-Cameroon	7	6
Angola-Chad	9	8
Angola-Congo	396	336
Angola-Côte d'Ivoire	38	32
Angola-Cyprus	34	29
Angola-Democratic Republic of the Congo	2,723	2,314
Angola-Egypt	90	77
Angola-Ethiopia	21,403	18,193
Angola-France	24,193	20,564
Angola-Gabon	-	-
Angola-Germany	21,539	18,308
Angola-Ghana	62	52
Angola-Israel	762	648
Angola-Italy	311	264
Angola-Jordan	234	199
Angola-Kenya	3,498	2,973
Angola-Liberia	496	422
Angola-Mauritius	46	39
Angola-Morocco	50*	43*
Angola-Mozambique	115	98
Angola-Namibia	6,514	5,537
Angola-Netherlands	19,839	16,863
Angola-Nigeria	971	825
Angola-Norway	48	41
Angola-Poland	41	35
Angola-Portugal	627,748	533,585
Angola-Qatar	55*	47*
Angola-Russian Federation	194	165
Angola-Rwanda	118	101
Angola-Sao Tome and Principe	17	14
Angola-Senegal	119	101
Angola-Seychelles	47	40
Angola-South Africa	5,679	4,827
Angola-Spain	167	142

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Angola-Sudan	36	31
Angola-Switzerland	221	187
Angola-Türkiye	36	30
Angola-Uganda	152*	129*
Angola-United Arab Emirates	57,904	49,218
Angola-United Kingdom	1,065	905
Angola-United Republic of Tanzania	56	47
Angola-United States	111	94
Angola-Zambia	-	-
Angola-Zimbabwe	30	25
Antigua and Barbuda-Austria	33	28
Antigua and Barbuda-Bahamas	71	61
Antigua and Barbuda-Barbados	2,021	1,718
Antigua and Barbuda-Belgium	26	22
Antigua and Barbuda-Brazil	113	96
Antigua and Barbuda-Cabo Verde	23	20
Antigua and Barbuda-Canada	13,454	11,436
Antigua and Barbuda-Colombia	9	8
Antigua and Barbuda-Costa Rica	11	9
Antigua and Barbuda-Cuba	14	12
Antigua and Barbuda-Dominica	1,020	867
Antigua and Barbuda-Dominican Republic	677	576
Antigua and Barbuda-France	273	232
Antigua and Barbuda-Germany	141	120
Antigua and Barbuda-Grenada	12	10
Antigua and Barbuda-Haiti	175	149
Antigua and Barbuda-Hungary	47	40
Antigua and Barbuda-Iceland	34*	29*
Antigua and Barbuda-Ireland	68	58
Antigua and Barbuda-Italy	5,396	4,587
Antigua and Barbuda-Jamaica	1,990	1,692
Antigua and Barbuda-Morocco	28	24
Antigua and Barbuda-Netherlands	579	492
Antigua and Barbuda-Nigeria	40	34
Antigua and Barbuda-Panama	21	18
Antigua and Barbuda-Portugal	66	56
Antigua and Barbuda-Russian Federation	-	-
Antigua and Barbuda-Saint Kitts and Nevis	2,205	1,874
Antigua and Barbuda-Saint Lucia	947	805
Antigua and Barbuda-Saint Vincent and the Grenadines	8	7
Antigua and Barbuda-Spain	70	60
Antigua and Barbuda-Switzerland	114	97
Antigua and Barbuda-Trinidad and Tobago	5,294	4,500
Antigua and Barbuda-United Kingdom	75,928	64,539

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Antigua and Barbuda-United States	40,436	34,370
Antigua and Barbuda-Uruguay	32	27
Argentina-Azerbaijan	1	1
Argentina-Bolivia (Plurinational State of)	29,379	24,972
Argentina-Brazil	331,714	281,957
Argentina-Cabo Verde	767	652
Argentina-Canada	7,610	6,468
Argentina-Chile	132,078	112,267
Argentina-Colombia	18,634	15,839
Argentina-Cuba	9,008	7,657
Argentina-Dominican Republic	20,336	17,285
Argentina-Ecuador	29,804	25,334
Argentina-France	104,472	88,801
Argentina-Germany	177,530	150,901
Argentina-Grenada	34	29
Argentina-Italy	185,556	157,723
Argentina-Mexico	106,545	90,563
Argentina-Morocco	-	-
Argentina-Netherlands	90,328	76,778
Argentina-New Zealand	-	-
Argentina-Nigeria	-	-
Argentina-Panama	114,186	97,058
Argentina-Paraguay	23,941	20,350
Argentina-Peru	145,456	123,638
Argentina-Portugal	242	206
Argentina-Senegal	6,278	5,336
Argentina-South Africa	631	536
Argentina-Spain	486,020	413,117
Argentina-Switzerland	-	-
Argentina-Trinidad and Tobago	44	38
Argentina-United Kingdom	174,903	148,667
Argentina-United States	780,433	663,368
Argentina-Uruguay	11,854	10,076
Armenia-Austria	8,024	6,821
Armenia-Bahrain	9	7
Armenia-Belarus	2,696	2,291
Armenia-Belgium	2,545	2,164
Armenia-Bulgaria	672	571
Armenia-China	37	31
Armenia-Croatia	15	13
Armenia-Cyprus	179	152
Armenia-Czechia	57	48
Armenia-Egypt	7,740	6,579
Armenia-Finland	45*	38*
Armenia-France	9,680	8,228

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Armenia-Georgia	1,806	1,535
Armenia-Germany	296	251
Armenia-Greece	4,306	3,660
Armenia-Iran (Islamic Republic of)	2,238	1,903
Armenia-Iraq	477*	405*
Armenia-Ireland	63	54
Armenia-Israel	1,957	1,663
Armenia-Italy	537	457
Armenia-Jordan	22*	18*
Armenia-Kazakhstan	11*	9*
Armenia-Kenya	-	-
Armenia-Kuwait	35*	30*
Armenia-Kyrgyzstan	15	13
Armenia-Lebanon	3,355	2,852
Armenia-Mongolia	95	81
Armenia-Montenegro	138	117
Armenia-Netherlands	19	16
Armenia-North Macedonia	22*	18*
Armenia-Pakistan	49	42
Armenia-Poland	-	-
Armenia-Portugal	23	19
Armenia-Qatar	-	-
Armenia-Republic of Korea	438	372
Armenia-Romania	1,688	1,434
Armenia-Russian Federation	142,618	121,226
Armenia-Serbia	1,149	977
Armenia-Spain	693	589
Armenia-Sweden	31	26
Armenia-Switzerland	44	37
Armenia-Türkiye	216	184
Armenia-Ukraine	13,771	11,705
Armenia-United Arab Emirates	14,493	12,319
Armenia-United Kingdom	127	108
Armenia-United States	115	98
Armenia-Uzbekistan	15	13
Australia-Brunei Darussalam	44,762	38,048
Australia-Cambodia	538	457
Australia-Canada	246,925*	209,886*
Australia-Chile	51,228*	43,544*
Australia-China	3,018,859	2,566,030
Australia-Cook Islands	-	-
Australia-Czechia	259	220
Australia-Fiji	121,071	102,910
Australia-France	19,540	16,609
Australia-Germany	20	17

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Australia-India	82,203	69,873
Australia-Indonesia	573,678	487,626
Australia-Ireland	2,059	1,750
Australia-Japan	554,346	471,194
Australia-Malaysia	638,484	542,711
Australia-Maldives	39	33
Australia-Mauritius	16,005*	13,604*
Australia-New Zealand	870,412	739,850
Australia-Oman	336*	286*
Australia-Papua New Guinea	40,597	34,508
Australia-Philippines	150,782	128,164
Australia-Qatar	-	-
Australia-Republic of Korea	299,305	254,409
Australia-Samoa	15,669	13,319
Australia-Singapore	2,021,749	1,718,487
Australia-Solomon Islands	24*	20*
Australia-South Africa	130,702*	111,097*
Australia-Sri Lanka	72,574	61,688
Australia-Thailand	479,496	407,571
Australia-Tonga	-	-
Australia-Tunisia	3,492	2,968
Australia-Uganda	313	266
Australia-United Arab Emirates	2,248,312	1,911,065
Australia-United Kingdom	-	-
Australia-United States	1,961,555	1,667,322
Australia-Vanuatu	22,039	18,733
Australia-Viet Nam	155,629	132,284
Austria-Afghanistan	457	389
Austria-Albania	7,417	6,304
Austria-Algeria	-	-
Austria-Armenia	7,500	6,375
Austria-Azerbaijan	68	58
Austria-Bahamas	377	320
Austria-Bahrain	36	31
Austria-Belarus	6,675	5,674
Austria-Belgium	34,828	29,604
Austria-Bosnia and Herzegovina	5,581	4,744
Austria-Brazil	537	456
Austria-Bulgaria	22,590	19,201
Austria-Cabo Verde	1,381	1,174
Austria-Canada	73,321	62,323
Austria-Chad	85	72
Austria-China	243,436	206,920
Austria-Croatia	10,391	8,832
Austria-Cyprus	23,021	19,568

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Austria-Czechia	6,133	5,213
Austria-Denmark	26,107	22,191
Austria-Dominican Republic	145	123
Austria-Egypt	45,872	38,991
Austria-Estonia	3,685	3,133
Austria-Ethiopia	31,620	26,877
Austria-Finland	14,386	12,228
Austria-France	87,517	74,390
Austria-Georgia	5,981	5,084
Austria-Germany	321,679	273,427
Austria-Ghana	93	79
Austria-Greece	67,850	57,673
Austria-Guinea	132	112
Austria-Hungary	4,743	4,031
Austria-Iceland	6,171	5,246
Austria-India	-	-
Austria-Iran (Islamic Republic of)	11,885*	10,102*
Austria-Iraq	9,828	8,354
Austria-Ireland	18,719	15,911
Austria-Israel	58,293	49,549
Austria-Italy	92,163	78,339
Austria-Japan	45,475*	38,653*
Austria-Jordan	7,321*	6,223*
Austria-Kazakhstan	130	110
Austria-Kuwait	1,721	1,463
Austria-Lao People's Democratic Republic	52	44
Austria-Latvia	6,832	5,807
Austria-Lebanon	82	70
Austria-Lithuania	3,891	3,308
Austria-Luxembourg	11,319	9,621
Austria-Maldives	7,968	6,773
Austria-Malta	7,607	6,466
Austria-Mauritius	13,127	11,158
Austria-Mongolia	38	32
Austria-Montenegro	4,183	3,555
Austria-Morocco	8,701	7,396
Austria-Netherlands	63,493	53,969
Austria-Nigeria	1,007	856
Austria-North Macedonia	8,016	6,813
Austria-Norway	18,904	16,068
Austria-Oman	26	22
Austria-Pakistan	87	74
Austria-Poland	19,268	16,378
Austria-Portugal	38,246	32,509
Austria-Qatar	101*	86*

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Austria-Republic of Korea	-	-
Austria-Republic of Moldova	4,482	3,810
Austria-Romania	31,639	26,893
Austria-Russian Federation	67,065	57,005
Austria-Saudi Arabia	10,096	8,582
Austria-Senegal	20	17
Austria-Serbia	14,056	11,947
Austria-Seychelles	2,779	2,362
Austria-Singapore	435	370
Austria-Slovakia	2,552	2,169
Austria-Slovenia	2,293	1,949
Austria-South Africa	13,138	11,167
Austria-Spain	186,740	158,729
Austria-Sweden	26,550	22,568
Austria-Switzerland	64,295	54,651
Austria-Thailand	157,166	133,591
Austria-Tunisia	6	5
Austria-Türkiye	88,630	75,335
Austria-Ukraine	36,907	31,371
Austria-United Arab Emirates	106,484	90,511
Austria-United Kingdom	142,508	121,132
Austria-United Republic of Tanzania	38	32
Austria-United States	337,070	286,510
Austria-Uzbekistan	32	27
Azerbaijan-Afghanistan	15,046	12,789
Azerbaijan-Albania	160	136
Azerbaijan-Austria	11,233	9,548
Azerbaijan-Bahrain	3,719	3,161
Azerbaijan-Bangladesh	12,563	10,679
Azerbaijan-Belarus	5,707	4,851
Azerbaijan-Belgium	1,522	1,293
Azerbaijan-Bosnia and Herzegovina	303	258
Azerbaijan-Bulgaria	2,032	1,727
Azerbaijan-Canada	400	340
Azerbaijan-China	249,677	212,225
Azerbaijan-Croatia	112*	95*
Azerbaijan-Cyprus	152	130
Azerbaijan-Czechia	1,659	1,410
Azerbaijan-Denmark	425	361
Azerbaijan-Egypt	11	9
Azerbaijan-Finland	14	12
Azerbaijan-France	6,253	5,315
Azerbaijan-Georgia	8,413	7,151
Azerbaijan-Germany	71,530	60,801
Azerbaijan-Ghana	70	60

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Azerbaijan-Greece	187	159
Azerbaijan-Guinea	-	-
Azerbaijan-Hungary	12,348	10,496
Azerbaijan-India	3,350	2,847
Azerbaijan-Indonesia	416	354
Azerbaijan-Iran (Islamic Republic of)	5,107	4,341
Azerbaijan-Iraq	11,398	9,688
Azerbaijan-Ireland	105	89
Azerbaijan-Israel	19,063	16,204
Azerbaijan-Italy	17,798	15,128
Azerbaijan-Japan	21,536	18,305
Azerbaijan-Jordan	68*	58*
Azerbaijan-Kazakhstan	28,822	24,499
Azerbaijan-Kuwait	6,652	5,654
Azerbaijan-Kyrgyzstan	8,402	7,142
Azerbaijan-Latvia	1,236	1,050
Azerbaijan-Lebanon	8*	7*
Azerbaijan-Luxembourg	46,497	39,523
Azerbaijan-Malaysia	10,232	8,697
Azerbaijan-Malta	13	11
Azerbaijan-Mongolia	162	138
Azerbaijan-Montenegro	418	355
Azerbaijan-Netherlands	41,455	35,237
Azerbaijan-North Macedonia	11	9
Azerbaijan-Norway	38	32
Azerbaijan-Oman	424	361
Azerbaijan-Pakistan	612	521
Azerbaijan-Philippines	1,093	929
Azerbaijan-Poland	291	248
Azerbaijan-Qatar	11,126	9,457
Azerbaijan-Republic of Korea	30,581	25,994
Azerbaijan-Romania	283	241
Azerbaijan-Russian Federation	108,877	92,545
Azerbaijan-Saudi Arabia	11,958	10,165
Azerbaijan-Serbia	477	405
Azerbaijan-Singapore	29,515	25,088
Azerbaijan-Slovakia	147	125
Azerbaijan-Spain	2,782	2,365
Azerbaijan-Sri Lanka	610	519
Azerbaijan-Sweden	602	512
Azerbaijan-Switzerland	4,724	4,015
Azerbaijan-Tajikistan	60	51
Azerbaijan-Thailand	3,131	2,661
Azerbaijan-Türkiye	128,200	108,970
Azerbaijan-Turkmenistan	3,152	2,680

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Azerbaijan-Ukraine	31,740	26,979
Azerbaijan-United Arab Emirates	58,400	49,640
Azerbaijan-United Kingdom	19,538	16,607
Azerbaijan-United States	53,616	45,574
Azerbaijan-Uzbekistan	4,445	3,778
Azerbaijan-Viet Nam	1,017	865
Bahamas-Antigua and Barbuda	88	75
Bahamas-Argentina	91	77
Bahamas-Barbados	88	75
Bahamas-Belize	6	5
Bahamas-Brazil	78	66
Bahamas-Canada	27,880	23,698
Bahamas-Costa Rica	45	38
Bahamas-Cuba	1,251	1,064
Bahamas-Dominican Republic	1,337	1,136
Bahamas-France	484	411
Bahamas-Germany	88	75
Bahamas-Guatemala	14	12
Bahamas-Haiti	-	-
Bahamas-Ireland	80	68
Bahamas-Italy	226	192
Bahamas-Jamaica	1,750	1,488
Bahamas-Malta	100	85
Bahamas-Mexico	229	194
Bahamas-Netherlands	320	272
Bahamas-Nicaragua	13	11
Bahamas-Panama	3,050	2,592
Bahamas-Russian Federation	214	182
Bahamas-Saint Kitts and Nevis	35	30
Bahamas-Saint Vincent and the Grenadines	41	35
Bahamas-Spain	149	126
Bahamas-Sweden	48	41
Bahamas-Switzerland	378	321
Bahamas-Trinidad and Tobago	101	86
Bahamas-United Kingdom	40,917	34,779
Bahamas-United States	200,478	170,406
Bahrain-Afghanistan	12,030	10,226
Bahrain-Azerbaijan	4,407	3,746
Bahrain-Bangladesh	25,183	21,406
Bahrain-Belgium	10,942	9,300
Bahrain-Cambodia	7,632	6,487
Bahrain-China	134,669	114,469
Bahrain-Cyprus	8,797	7,478
Bahrain-Czechia	41	35
Bahrain-Djibouti	6,698	5,693

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Bahrain-Egypt	36,598	31,109
Bahrain-Eritrea	531	451
Bahrain-Ethiopia	9,293	7,899
Bahrain-France	20,363	17,308
Bahrain-Georgia	3,175	2,699
Bahrain-Germany	45,228	38,444
Bahrain-Greece	9,973	8,477
Bahrain-Hungary	63	53
Bahrain-India	183,260	155,771
Bahrain-Indonesia	44	38
Bahrain-Iraq	16,938	14,397
Bahrain-Ireland	642	545
Bahrain-Italy	14,578	12,392
Bahrain-Jordan	18,433	15,668
Bahrain-Kazakhstan	20	17
Bahrain-Kenya	2,442	2,076
Bahrain-Kuwait	38,710	32,903
Bahrain-Lebanon	21,010	17,858
Bahrain-Luxembourg	639	543
Bahrain-Maldives	1,544	1,312
Bahrain-Morocco	25,894	22,010
Bahrain-Netherlands	648	551
Bahrain-Oman	26,498	22,523
Bahrain-Pakistan	62,437	53,072
Bahrain-Philippines	55,101	46,836
Bahrain-Poland	63	53
Bahrain-Portugal	69	58
Bahrain-Qatar	296	252
Bahrain-Romania	38	33
Bahrain-Russian Federation	13,452	11,434
Bahrain-Saudi Arabia	108,087	91,874
Bahrain-Singapore	674	573
Bahrain-Slovakia	17	14
Bahrain-South Africa	46	39
Bahrain-Spain	2,861	2,431
Bahrain-Sri Lanka	24,174	20,548
Bahrain-Sudan	5,669	4,819
Bahrain-Sweden	16	14
Bahrain-Switzerland	157	133
Bahrain-Syrian Arab Republic	376	320
Bahrain-Thailand	34,803	29,583
Bahrain-Tunisia	337	286
Bahrain-Türkiye	56,717	48,209
Bahrain-Turkmenistan	127	108
Bahrain-United Arab Emirates	122,167	103,842

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Bahrain-United Kingdom	133,236	113,250
Bahrain-Viet Nam	8,943	7,602
Bangladesh-Azerbaijan	21,340	18,139
Bangladesh-Bahrain	25,662	21,812
Bangladesh-Bhutan	6*	5*
Bangladesh-China	80,033	68,028
Bangladesh-Egypt	114	97
Bangladesh-Ethiopia	3,223	2,740
Bangladesh-Georgia	54	46
Bangladesh-Germany	492	418
Bangladesh-India	33,462	28,442
Bangladesh-Indonesia	113	96
Bangladesh-Japan	-	-
Bangladesh-Kuwait	84,218	71,585
Bangladesh-Lebanon	127	108
Bangladesh-Luxembourg	-	-
Bangladesh-Malaysia	83,677	71,125
Bangladesh-Myanmar	13	11
Bangladesh-Nepal	3,411	2,899
Bangladesh-Netherlands	310	263
Bangladesh-Oman	33,181*	28,204*
Bangladesh-Philippines	24	20
Bangladesh-Qatar	26,535*	22,555*
Bangladesh-Russian Federation	7,495	6,371
Bangladesh-Rwanda	149	127
Bangladesh-Saudi Arabia	422,723	359,314
Bangladesh-Singapore	59,099	50,235
Bangladesh-Spain	-	-
Bangladesh-Sri Lanka	11,543	9,812
Bangladesh-Thailand	43,567	37,032
Bangladesh-Türkiye	76,249	64,812
Bangladesh-Uganda	789	670
Bangladesh-United Arab Emirates	281,735	239,475
Bangladesh-United Kingdom	47,191	40,113
Bangladesh-Viet Nam	14,749	12,537
Barbados-Antigua and Barbuda	1,843	1,566
Barbados-Bahamas	174	148
Barbados-Belgium	209*	177*
Barbados-Belize	20	17
Barbados-Brazil	126	107
Barbados-Canada	37,855	32,177
Barbados-Colombia	54	46
Barbados-Costa Rica	21	18
Barbados-Côte d'Ivoire	-	-
Barbados-Cuba	79*	67*

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Barbados-Dominica	1,256	1,068
Barbados-Dominican Republic	98	83
Barbados-Ecuador	31	27
Barbados-France	1,032	877
Barbados-Germany	31,568	26,833
Barbados-Grenada	1,896	1,612
Barbados-Guyana	2,785	2,367
Barbados-Haiti	32	27
Barbados-Ireland	221	187
Barbados-Italy	41	35
Barbados-Jamaica	1,803	1,533
Barbados-Mexico	9	8
Barbados-Netherlands	835	710
Barbados-Panama	2,404	2,043
Barbados-Portugal	185	157
Barbados-Saint Kitts and Nevis	482	410
Barbados-Saint Lucia	1,516	1,289
Barbados-Saint Vincent and the Grenadines	1,980	1,683
Barbados-Spain	181	154
Barbados-Trinidad and Tobago	6,779	5,762
Barbados-United Kingdom	213,966	181,871
Barbados-United States	80,075	68,063
Barbados-Venezuela (Bolivarian Republic of)	50*	42*
Belarus-Afghanistan	143*	122*
Belarus-Albania	-	-
Belarus-Algeria	-	-
Belarus-Armenia	-	-
Belarus-Austria	8,105	6,889
Belarus-Azerbaijan	5,985	5,087
Belarus-Belgium	7*	6*
Belarus-Bosnia and Herzegovina	-	-
Belarus-Bulgaria	5*	4*
Belarus-Burkina Faso	-	-
Belarus-China	60*	51*
Belarus-Cyprus	4,021	3,418
Belarus-Czechia	4,844	4,117
Belarus-Denmark	52	45
Belarus-Egypt	30*	26*
Belarus-Estonia	81*	69*
Belarus-Finland	1,376	1,170
Belarus-France	10,576	8,990
Belarus-Georgia	11,713	9,956
Belarus-Germany	15,989	13,591
Belarus-Greece	4,187	3,559
Belarus-Hungary	6,731	5,721

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Belarus-India	-	-
Belarus-Indonesia	-	-
Belarus-Iraq	1,696*	1,442*
Belarus-Ireland	10*	9*
Belarus-Israel	6,499	5,524
Belarus-Italy	11,007	9,356
Belarus-Jordan	-	-
Belarus-Kazakhstan	20,558	17,474
Belarus-Kuwait	14	11
Belarus-Kyrgyzstan	-	-
Belarus-Latvia	2,494	2,120
Belarus-Lebanon	-	-
Belarus-Lithuania	1,402	1,191
Belarus-Luxembourg	-	-
Belarus-Malta	-	-
Belarus-Montenegro	16*	13*
Belarus-Morocco	-	-
Belarus-Netherlands	6,742	5,731
Belarus-Norway	-	-
Belarus-Poland	5,888	5,005
Belarus-Portugal	-	-
Belarus-Qatar	18*	15*
Belarus-Republic of Moldova	5*	4*
Belarus-Romania	15*	12*
Belarus-Russian Federation	97,858	83,180
Belarus-Rwanda	-	-
Belarus-Serbia	1,062*	903*
Belarus-Slovakia	53	45
Belarus-Spain	8,317	7,069
Belarus-Sudan	-	-
Belarus-Sweden	1,487	1,264
Belarus-Switzerland	2,581	2,194
Belarus-Tajikistan	39*	33*
Belarus-Tunisia	-	-
Belarus-Türkiye	24,865	21,135
Belarus-Turkmenistan	2,670*	2,269*
Belarus-Uganda	-	-
Belarus-Ukraine	26,542	22,561
Belarus-United Arab Emirates	7,860	6,681
Belarus-United Kingdom	4,515	3,838
Belarus-Uzbekistan	6,451	5,483
Belarus-Zimbabwe	-	-
Belgium-Afghanistan	13,591	11,552
Belgium-Albania	3,942*	3,351*
Belgium-Algeria	10,730	9,120

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Belgium-Angola	22,183	18,856
Belgium-Antigua and Barbuda	57	48
Belgium-Armenia	2,188	1,860
Belgium-Austria	32,293	27,449
Belgium-Azerbaijan	776	659
Belgium-Bahamas	47	40
Belgium-Bahrain	1,218	1,035
Belgium-Bangladesh	92	78
Belgium-Barbados	337	286
Belgium-Belarus	8*	6*
Belgium-Benin	1,480	1,258
Belgium-Bosnia and Herzegovina	1,355	1,152
Belgium-Botswana	1,387	1,179
Belgium-Brazil	-	-
Belgium-Bulgaria	20,516	17,439
Belgium-Burkina Faso	19,283	16,390
Belgium-Burundi	8,259	7,020
Belgium-Cabo Verde	10,111	8,595
Belgium-Cameroon	50,184	42,657
Belgium-Canada	84,113	71,496
Belgium-Central African Republic	2,417	2,054
Belgium-China	449,374	381,968
Belgium-Congo	4,905	4,170
Belgium-Côte d'Ivoire	19,023	16,170
Belgium-Croatia	13,075	11,114
Belgium-Cuba	15,433	13,118
Belgium-Cyprus	15,951	13,558
Belgium-Czechia	21,375	18,169
Belgium-Democratic Republic of the Congo	24,764	21,049
Belgium-Denmark	34,189	29,061
Belgium-Djibouti	1,196	1,016
Belgium-Dominican Republic	33,338	28,337
Belgium-Egypt	57,298	48,703
Belgium-Equatorial Guinea	617	525
Belgium-Eritrea	146	124
Belgium-Estonia	7,089	6,026
Belgium-Ethiopia	49,906	42,420
Belgium-Finland	26,342	22,390
Belgium-France	125,594	106,755
Belgium-Gabon	4,178	3,552
Belgium-Gambia	9,663	8,214
Belgium-Georgia	1,392	1,183
Belgium-Germany	101,194	86,015
Belgium-Ghana	44,621	37,927
Belgium-Greece	94,209	80,077

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Belgium-Guinea	736	626
Belgium-Hungary	31,275	26,584
Belgium-Iceland	18,717	15,910
Belgium-India	30,575	25,989
Belgium-Indonesia	353	300
Belgium-Iran (Islamic Republic of)	-	-
Belgium-Iraq	304	258
Belgium-Ireland	24,282	20,640
Belgium-Israel	98,922	84,083
Belgium-Italy	177,696	151,042
Belgium-Jamaica	8,354	7,101
Belgium-Japan	-	-
Belgium-Jordan	4,944	4,203
Belgium-Kazakhstan	5,340	4,539
Belgium-Kenya	685	582
Belgium-Kuwait	7,929	6,740
Belgium-Latvia	9,954	8,461
Belgium-Lebanon	-	-
Belgium-Liberia	1,002	852
Belgium-Libya	24*	20*
Belgium-Lithuania	5,782	4,915
Belgium-Luxembourg	180	153
Belgium-Malawi	233*	198*
Belgium-Malaysia	613	521
Belgium-Mali	1,248	1,060
Belgium-Malta	15,356	13,053
Belgium-Mauritania	193	164
Belgium-Mexico	48,296	41,051
Belgium-Montenegro	2,873	2,442
Belgium-Morocco	120,621	102,528
Belgium-Netherlands	7,699	6,544
Belgium-Niger	7,846	6,669
Belgium-Nigeria	60,554	51,471
Belgium-North Macedonia	3,000	2,550
Belgium-Norway	41,521	35,293
Belgium-Oman	25	21
Belgium-Poland	49,040	41,684
Belgium-Portugal	112,448	95,581
Belgium-Qatar	170,734	145,124
Belgium-Republic of Korea	88,933	75,593
Belgium-Republic of Moldova	2,007*	1,706*
Belgium-Romania	49,813	42,341
Belgium-Russian Federation	57,441	48,825
Belgium-Rwanda	67,093	57,029
Belgium-Saudi Arabia	9,244	7,857

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Belgium-Senegal	38,357	32,604
Belgium-Serbia	5,494	4,670
Belgium-Sierra Leone	26,833	22,808
Belgium-Slovakia	2,528	2,149
Belgium-Slovenia	6,287	5,344
Belgium-South Africa	25,719	21,861
Belgium-Spain	403,831	343,256
Belgium-Sri Lanka	1,510	1,284
Belgium-Sudan	376*	319*
Belgium-Sweden	47,495	40,371
Belgium-Switzerland	36,925	31,386
Belgium-Thailand	54,074	45,963
Belgium-Togo	1,379	1,173
Belgium-Tunisia	22,698	19,293
Belgium-Türkiye	140,360	119,306
Belgium-Turkmenistan	120	102
Belgium-Uganda	2,380	2,023
Belgium-Ukraine	13,159	11,185
Belgium-United Arab Emirates	243,550	207,017
Belgium-United Kingdom	85,453	72,635
Belgium-United Republic of Tanzania	4,321	3,673
Belgium-United States	677,127	575,558
Belgium-Uzbekistan	254	216
Belgium-Zambia	17,051	14,494
Belize-Bahamas	5	4
Belize-Canada	4,632	3,937
Belize-Dominican Republic	13	11
Belize-El Salvador	1,082	920
Belize-Guatemala	13	11
Belize-Honduras	20	17
Belize-Jamaica	4	3
Belize-Mexico	972	827
Belize-Netherlands	9	8
Belize-Nicaragua	17	14
Belize-Panama	1,565	1,330
Belize-United Kingdom	42	36
Belize-United States	61,151	51,978
Benin-Belgium	213	181
Benin-Burkina Faso	221	188
Benin-Cameroon	3,553	3,020
Benin-Central African Republic	33*	28*
Benin-Congo	1,655	1,406
Benin-Côte d'Ivoire	13,841	11,765
Benin-Cyprus	21	18
Benin-Democratic Republic of the Congo	39*	33*

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Benin-Djibouti	50	43
Benin-Egypt	208	177
Benin-Equatorial Guinea	1,252	1,064
Benin-Ethiopia	8,697	7,393
Benin-France	21,492	18,268
Benin-Gabon	8,199	6,969
Benin-Germany	32	27
Benin-Ghana	42	36
Benin-Guinea	30	25
Benin-Italy	37	32
Benin-Kenya	117	100
Benin-Mali	2,263	1,923
Benin-Mauritania	25	21
Benin-Morocco	16*	14*
Benin-Niger	2,181	1,854
Benin-Nigeria	452	384
Benin-Rwanda	149	126
Benin-Saudi Arabia	1,478	1,256
Benin-Senegal	3,016	2,563
Benin-Switzerland	30	25
Benin-Togo	829	705
Benin-Tunisia	1,522	1,294
Bhutan-Bangladesh	-	-
Bhutan-China	-	-
Bhutan-India	13,463	11,444
Bhutan-Malaysia	-	-
Bhutan-Myanmar	10	9
Bhutan-Nepal	5*	4*
Bhutan-Thailand	-	-
Bhutan-Viet Nam	-	-
Bolivia (Plurinational State of)-Argentina	29,659	25,210
Bolivia (Plurinational State of)-Brazil	21,221	18,038
Bolivia (Plurinational State of)-Chile	8,172	6,946
Bolivia (Plurinational State of)-Colombia	17,774	15,108
Bolivia (Plurinational State of)-Costa Rica	34	29
Bolivia (Plurinational State of)-Cuba	6,752	5,739
Bolivia (Plurinational State of)-Dominican Republic	449	382
Bolivia (Plurinational State of)-Ecuador	106	90
Bolivia (Plurinational State of)-Italy	2,978	2,531
Bolivia (Plurinational State of)-Mexico	376	319
Bolivia (Plurinational State of)-Netherlands	137	117
Bolivia (Plurinational State of)-Panama	19,849	16,872
Bolivia (Plurinational State of)-Paraguay	16	13
Bolivia (Plurinational State of)-Peru	27,787	23,619
Bolivia (Plurinational State of)-Portugal	1,102	936

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Bolivia (Plurinational State of)-Russian Federation	1,565	1,330
Bolivia (Plurinational State of)-Spain	99,437	84,521
Bolivia (Plurinational State of)-Switzerland	55	47
Bolivia (Plurinational State of)-Trinidad and Tobago	257	218
Bolivia (Plurinational State of)-Türkiye	592	503
Bolivia (Plurinational State of)-United States	54,755	46,541
Bolivia (Plurinational State of)-Uruguay	43	37
Bolivia (Plurinational State of)-Venezuela (Bolivarian Republic of)	859	730
Bosnia and Herzegovina-Albania	26	22
Bosnia and Herzegovina-Austria	5,895	5,011
Bosnia and Herzegovina-Azerbaijan	303	258
Bosnia and Herzegovina-Belarus	-	-
Bosnia and Herzegovina-Belgium	1,450	1,232
Bosnia and Herzegovina-Bulgaria	13	11
Bosnia and Herzegovina-Croatia	2,054	1,746
Bosnia and Herzegovina-Czechia	10	8
Bosnia and Herzegovina-Denmark	1,383	1,175
Bosnia and Herzegovina-Finland	107	91
Bosnia and Herzegovina-France	2,610	2,218
Bosnia and Herzegovina-Georgia	7	6
Bosnia and Herzegovina-Germany	20,974	17,828
Bosnia and Herzegovina-Greece	293	249
Bosnia and Herzegovina-Hungary	758	644
Bosnia and Herzegovina-Italy	183	156
Bosnia and Herzegovina-Jordan	-	-
Bosnia and Herzegovina-Kuwait	38	32
Bosnia and Herzegovina-Lebanon	9*	8*
Bosnia and Herzegovina-Montenegro	30	25
Bosnia and Herzegovina-Netherlands	2,258	1,920
Bosnia and Herzegovina-North Macedonia	51	43
Bosnia and Herzegovina-Norway	668	568
Bosnia and Herzegovina-Poland	11*	9*
Bosnia and Herzegovina-Qatar	-	-
Bosnia and Herzegovina-Republic of Moldova	36	30
Bosnia and Herzegovina-Romania	68	57
Bosnia and Herzegovina-Saudi Arabia	-	-
Bosnia and Herzegovina-Serbia	2,074	1,763
Bosnia and Herzegovina-Slovenia	1,023	870
Bosnia and Herzegovina-Sweden	10,969	9,324
Bosnia and Herzegovina-Switzerland	671	571
Bosnia and Herzegovina-Thailand	37	31
Bosnia and Herzegovina-Tunisia	43	37
Bosnia and Herzegovina-Türkiye	18,079	15,367
Bosnia and Herzegovina-United Arab Emirates	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Bosnia and Herzegovina-United Kingdom	228	194
Botswana-Algeria	-	-
Botswana-Angola	314	267
Botswana-Democratic Republic of the Congo	14	12
Botswana-Djibouti	77	66
Botswana-Egypt	175	149
Botswana-Ethiopia	12,933	10,993
Botswana-France	293	249
Botswana-Kenya	92*	78*
Botswana-Mozambique	21	18
Botswana-Namibia	-	-
Botswana-Portugal	38	32
Botswana-Rwanda	163	139
Botswana-Senegal	33	28
Botswana-Seychelles	86	73
Botswana-South Africa	15,192	12,913
Botswana-Spain	78	66
Botswana-Switzerland	44	37
Botswana-United Republic of Tanzania	17	14
Botswana-Zambia	18	16
Botswana-Zimbabwe	15*	13*
Brazil-Argentina	381,614	324,372
Brazil-Austria	550	468
Brazil-Bahamas	158	134
Brazil-Barbados	199	169
Brazil-Belgium	1,956	1,663
Brazil-Bolivia (Plurinational State of)	23,133	19,663
Brazil-Cabo Verde	16,861	14,331
Brazil-Canada	74,441	63,275
Brazil-Chile	309,743	263,281
Brazil-Colombia	63,223	53,740
Brazil-Costa Rica	53	45
Brazil-Czechia	53	45
Brazil-Dominican Republic	37,888	32,205
Brazil-Ecuador	73,565	62,530
Brazil-Ethiopia	53,037	45,081
Brazil-France	428,960	364,616
Brazil-Gabon	32	27
Brazil-Germany	401,873	341,592
Brazil-Ghana	627	533
Brazil-Greece	-	-
Brazil-Guatemala	70	60
Brazil-Guyana	24	20
Brazil-Honduras	213	181
Brazil-Ireland	154	131

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Brazil-Israel	32,707	27,801
Brazil-Italy	328,378	279,121
Brazil-Luxembourg	19,728	16,769
Brazil-Mauritania	424	361
Brazil-Mexico	122,098	103,784
Brazil-Morocco	43,091	36,628
Brazil-Namibia	37	32
Brazil-Netherlands	202,857	172,428
Brazil-Nigeria	1,344	1,142
Brazil-Panama	203,034	172,579
Brazil-Paraguay	22,999	19,549
Brazil-Peru	155,826	132,453
Brazil-Portugal	738,955	628,112
Brazil-Qatar	-	-
Brazil-Saint Kitts and Nevis	30	25
Brazil-Saint Lucia	12	10
Brazil-Saint Vincent and the Grenadines	15	13
Brazil-Saudi Arabia	604	513
Brazil-Senegal	27,293	23,199
Brazil-South Africa	102,669	87,268
Brazil-Spain	400,914	340,777
Brazil-Suriname	2,598	2,208
Brazil-Switzerland	126,019	107,117
Brazil-Trinidad and Tobago	209	177
Brazil-Türkiye	113,317	96,320
Brazil-United Arab Emirates	3,012*	2,560*
Brazil-United Kingdom	302,363	257,008
Brazil-United States	1,720,557	1,462,473
Brazil-Uruguay	53,515	45,488
Brazil-Venezuela (Bolivarian Republic of)	304	258
Brunei Darussalam-Australia	44,151	37,528
Brunei Darussalam-Bangladesh	37	32
Brunei Darussalam-Cambodia	21	17
Brunei Darussalam-China	30,670	26,069
Brunei Darussalam-Indonesia	16,366	13,911
Brunei Darussalam-Japan	7,309	6,212
Brunei Darussalam-Malaysia	33,946	28,854
Brunei Darussalam-Philippines	9,346	7,944
Brunei Darussalam-Republic of Korea	8,392	7,134
Brunei Darussalam-Russian Federation	179	152
Brunei Darussalam-Saudi Arabia	9,320	7,922
Brunei Darussalam-Singapore	20,827	17,703
Brunei Darussalam-Spain	251	213
Brunei Darussalam-Thailand	7,592	6,453
Brunei Darussalam-United Arab Emirates	18,333	15,583

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Brunei Darussalam-United Kingdom	91,080	77,418
Brunei Darussalam-Viet Nam	3,196	2,717
Bulgaria-Afghanistan	1,437	1,222
Bulgaria-Albania	30	25
Bulgaria-Algeria	101	86
Bulgaria-Armenia	1,276	1,084
Bulgaria-Austria	24,176	20,550
Bulgaria-Azerbaijan	1,195	1,016
Bulgaria-Belarus	5*	4*
Bulgaria-Belgium	21,303	18,108
Bulgaria-Bosnia and Herzegovina	7	6
Bulgaria-Burkina Faso	269	228
Bulgaria-Canada	303	258
Bulgaria-China	51	44
Bulgaria-Croatia	169	144
Bulgaria-Cyprus	7,386	6,278
Bulgaria-Czechia	20,824	17,700
Bulgaria-Denmark	9,813	8,341
Bulgaria-Egypt	2,689	2,286
Bulgaria-Estonia	27*	23*
Bulgaria-Ethiopia	41	35
Bulgaria-Finland	4,465	3,796
Bulgaria-France	24,526	20,847
Bulgaria-Georgia	276	235
Bulgaria-Germany	132,201	112,371
Bulgaria-Greece	8,488	7,215
Bulgaria-Hungary	2,769	2,354
Bulgaria-India	1,068*	908*
Bulgaria-Indonesia	-	-
Bulgaria-Iran (Islamic Republic of)	-	-
Bulgaria-Iraq	220	187
Bulgaria-Ireland	11,176	9,500
Bulgaria-Israel	30,332	25,782
Bulgaria-Italy	30,375	25,818
Bulgaria-Jordan	1,073	912
Bulgaria-Kazakhstan	350	298
Bulgaria-Kuwait	472	401
Bulgaria-Latvia	479*	407*
Bulgaria-Lebanon	592	503
Bulgaria-Lithuania	1,943	1,652
Bulgaria-Luxembourg	1,793	1,524
Bulgaria-Maldives	36	31
Bulgaria-Mali	362	308
Bulgaria-Malta	1,872	1,591
Bulgaria-Montenegro	98	84

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Bulgaria-Morocco	736	626
Bulgaria-Mozambique	-	-
Bulgaria-Netherlands	25,837	21,962
Bulgaria-Niger	-	-
Bulgaria-Nigeria	-	-
Bulgaria-North Macedonia	178	151
Bulgaria-Norway	8,113	6,896
Bulgaria-Philippines	1,140	969
Bulgaria-Poland	34,668	29,468
Bulgaria-Portugal	3,100	2,635
Bulgaria-Qatar	127*	108*
Bulgaria-Republic of Moldova	8*	7*
Bulgaria-Romania	2,614	2,222
Bulgaria-Russian Federation	57,762	49,097
Bulgaria-Rwanda	206	175
Bulgaria-Saudi Arabia	463	394
Bulgaria-Serbia	857	729
Bulgaria-Singapore	108	91
Bulgaria-Slovakia	6,224	5,291
Bulgaria-Slovenia	682	579
Bulgaria-Spain	38,521	32,743
Bulgaria-Sweden	3,663	3,114
Bulgaria-Switzerland	5,308	4,511
Bulgaria-Thailand	37	31
Bulgaria-Tunisia	648	551
Bulgaria-Türkiye	14,760	12,546
Bulgaria-Uganda	639	543
Bulgaria-Ukraine	3,281	2,789
Bulgaria-United Arab Emirates	11,312	9,615
Bulgaria-United Kingdom	152,814	129,892
Bulgaria-United Republic of Tanzania	31	26
Bulgaria-United States	2,335	1,984
Bulgaria-Uzbekistan	738	627
Burkina Faso-Algeria	-	-
Burkina Faso-Angola	12	10
Burkina Faso-Bahrain	164	139
Burkina Faso-Belgium	19,176	16,300
Burkina Faso-Benin	22*	19*
Burkina Faso-Cabo Verde	220	187
Burkina Faso-Cameroon	66*	56*
Burkina Faso-Chad	157	134
Burkina Faso-Congo	40	34
Burkina Faso-Côte d'Ivoire	8,659	7,360
Burkina Faso-Czechia	-	-
Burkina Faso-Democratic Republic of the Congo	196	167

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Burkina Faso-Equatorial Guinea	16	14
Burkina Faso-Ethiopia	646	549
Burkina Faso-France	21,669	18,419
Burkina Faso-Germany	334	284
Burkina Faso-Ghana	3,514	2,986
Burkina Faso-Guinea	2,208	1,877
Burkina Faso-Kenya	283	240
Burkina Faso-Liberia	62	53
Burkina Faso-Mali	810	689
Burkina Faso-Malta	40	34
Burkina Faso-Mauritania	133	113
Burkina Faso-Morocco	6,112	5,195
Burkina Faso-Niger	5,447	4,630
Burkina Faso-Nigeria	2,326	1,977
Burkina Faso-Russian Federation	109	93
Burkina Faso-Rwanda	153	130
Burkina Faso-Senegal	3,570	3,035
Burkina Faso-Sierra Leone	1,701	1,446
Burkina Faso-Spain	16	14
Burkina Faso-Sudan	61	52
Burkina Faso-Switzerland	-	-
Burkina Faso-Togo	1,810	1,538
Burkina Faso-Tunisia	2,626	2,232
Burkina Faso-Türkiye	11,791	10,022
Burkina Faso-Ukraine	279	237
Burkina Faso-United Arab Emirates	92	78
Burkina Faso-United Kingdom	44	38
Burkina Faso-United States	331	282
Burundi-Belgium	115	98
Burundi-Central African Republic	100*	85*
Burundi-Democratic Republic of the Congo	77	65
Burundi-Egypt	76	65
Burundi-Ethiopia	6,981*	5,934*
Burundi-Ghana	101	86
Burundi-Kenya	29*	25*
Burundi-Nigeria	169*	143*
Burundi-Pakistan	2,118	1,800
Burundi-Rwanda	3,052	2,594
Burundi-Saudi Arabia	35	30
Burundi-Somalia	34	29
Burundi-Sudan	-	-
Burundi-Uganda	1,102	937
Burundi-United Arab Emirates	19	16
Burundi-United Kingdom	40	34
Burundi-United Republic of Tanzania	330	281

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Cabo Verde-Algeria	48	41
Cabo Verde-Argentina	203	173
Cabo Verde-Austria	1,456	1,237
Cabo Verde-Belgium	9,104	7,739
Cabo Verde-Brazil	38,725	32,916
Cabo Verde-Burkina Faso	276	234
Cabo Verde-Chile	39*	33*
Cabo Verde-Congo	237	201
Cabo Verde-Cyprus	82	70
Cabo Verde-Czechia	3,246*	2,759*
Cabo Verde-Democratic Republic of the Congo	48	41
Cabo Verde-Denmark	1,880	1,598
Cabo Verde-Dominican Republic	48	41
Cabo Verde-Finland	5,541	4,710
Cabo Verde-France	16,591	14,103
Cabo Verde-Gambia	31	26
Cabo Verde-Germany	18,871	16,041
Cabo Verde-Ghana	60	51
Cabo Verde-Greece	166	141
Cabo Verde-Guinea-Bissau	-	-
Cabo Verde-Hungary	21	18
Cabo Verde-Iceland	238	202
Cabo Verde-Italy	19,118	16,250
Cabo Verde-Liberia	-	-
Cabo Verde-Luxembourg	1,353	1,150
Cabo Verde-Mali	10	9
Cabo Verde-Morocco	3,309	2,812
Cabo Verde-Netherlands	19,369	16,463
Cabo Verde-Nicaragua	172	146
Cabo Verde-Nigeria	620	527
Cabo Verde-Norway	2,230	1,896
Cabo Verde-Poland	4,767	4,052
Cabo Verde-Portugal	60,603	51,513
Cabo Verde-Russian Federation	247	210
Cabo Verde-Saint Vincent and the Grenadines	30	26
Cabo Verde-Saudi Arabia	-	-
Cabo Verde-Senegal	4,326	3,677
Cabo Verde-Sierra Leone	-	-
Cabo Verde-Slovakia	746	634
Cabo Verde-South Africa	220	187
Cabo Verde-Spain	5,650	4,803
Cabo Verde-Suriname	14	12
Cabo Verde-Sweden	11,069	9,408
Cabo Verde-Switzerland	131	112
Cabo Verde-Tunisia	223	189

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Cabo Verde-United Kingdom	83,391	70,883
Cabo Verde-United States	6,263	5,324
Cabo Verde-Uruguay	175	149
Cabo Verde-Venezuela (Bolivarian Republic of)	-	-
Cambodia-Australia	23	20
Cambodia-Azerbaijan	37	32
Cambodia-China	489,844	416,367
Cambodia-Ethiopia	251	213
Cambodia-India	8,836	7,510
Cambodia-Indonesia	1,929	1,639
Cambodia-Japan	30,554	25,971
Cambodia-Kazakhstan	28	23
Cambodia-Lao People's Democratic Republic	8,084	6,871
Cambodia-Malaysia	41,224	35,040
Cambodia-Maldives	22	19
Cambodia-Myanmar	6,041	5,135
Cambodia-Nepal	272	231
Cambodia-Oman	-	-
Cambodia-Pakistan	82	70
Cambodia-Palau	-	-
Cambodia-Philippines	4,533	3,853
Cambodia-Qatar	-	-
Cambodia-Republic of Korea	64,151	54,528
Cambodia-Russian Federation	168	143
Cambodia-Saudi Arabia	-	-
Cambodia-Singapore (excluding data from Singapore)	146	124
Cambodia-Thailand	82,003	69,703
Cambodia-United Arab Emirates	621	528
Cambodia-United States	216	184
Cambodia-Viet Nam	39,854	33,875
Cameroon-Algeria	89	76
Cameroon-Angola	23*	20*
Cameroon-Belarus	-	-
Cameroon-Belgium	43,861	37,282
Cameroon-Benin	3,122	2,654
Cameroon-Burkina Faso	20	17
Cameroon-Central African Republic	7,002	5,952
Cameroon-Chad	4,943	4,202
Cameroon-China	238,463	202,694
Cameroon-Congo	2,245	1,908
Cameroon-Côte d'Ivoire	-	-
Cameroon-Democratic Republic of the Congo	2,031	1,726
Cameroon-Djibouti	262	222
Cameroon-Egypt	93	79
Cameroon-Equatorial Guinea	2,603	2,212

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Cameroon-Eswatini	42	35
Cameroon-Ethiopia	27,441	23,325
Cameroon-France	74,916	63,678
Cameroon-Gabon	4,141	3,520
Cameroon-Ghana	360	306
Cameroon-Italy	1,877	1,596
Cameroon-Jordan	15	12
Cameroon-Kenya	8,841	7,515
Cameroon-Luxembourg	591	502
Cameroon-Malawi	-	-
Cameroon-Mali	9	8
Cameroon-Morocco	-	-
Cameroon-Mozambique	-	-
Cameroon-Niger	-	-
Cameroon-Nigeria	3,384	2,876
Cameroon-Portugal	-	-
Cameroon-Russian Federation	36	31
Cameroon-Rwanda	4,217	3,585
Cameroon-Sao Tome and Principe	16	14
Cameroon-Saudi Arabia	1,217	1,034
Cameroon-Senegal	275	234
Cameroon-Sierra Leone	-	-
Cameroon-South Africa	6,697	5,693
Cameroon-South Sudan	202	171
Cameroon-Spain	17	14
Cameroon-Switzerland	26	22
Cameroon-Togo	3,775	3,209
Cameroon-Tunisia	13	11
Cameroon-Türkiye	17,774	15,108
Cameroon-Uganda	84*	71*
Cameroon-Ukraine	256	218
Cameroon-United Kingdom	246	210
Canada-Algeria	10,848*	9,221*
Canada-Antigua and Barbuda	12,329	10,480
Canada-Argentina	7,119	6,051
Canada-Australia	268,322*	228,073*
Canada-Austria	63,350	53,848
Canada-Azerbaijan	40	34
Canada-Bahamas	28,106	23,890
Canada-Barbados	33,416	28,404
Canada-Belgium	76,078	64,667
Canada-Belize	4,706	4,000
Canada-Brazil	71,005	60,354
Canada-Cabo Verde	68	57
Canada-Chile	45,620	38,777

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Canada-China	2,515,610	2,138,269
Canada-Colombia	35,608	30,267
Canada-Costa Rica	59,980	50,983
Canada-Croatia	16,527	14,048
Canada-Cuba	232,016	197,214
Canada-Czechia	15,538	13,208
Canada-Denmark	41,766	35,501
Canada-Dominican Republic	222,664	189,264
Canada-Ecuador	1,141	969
Canada-Egypt	-	-
Canada-El Salvador	14,098	11,984
Canada-Ethiopia	62,139	52,818
Canada-Fiji	55	47
Canada-Finland	253	215
Canada-France	575,761	489,397
Canada-Germany	675,456	574,137
Canada-Greece	84,127	71,508
Canada-Grenada	6,396	5,437
Canada-Guatemala	1,277	1,085
Canada-Haiti	6,739	5,728
Canada-Honduras	5,372	4,566
Canada-Hungary	20,227	17,193
Canada-Iceland	74,086	62,973
Canada-India	178,883*	152,050*
Canada-Ireland	115,267	97,977
Canada-Israel	98,665	83,865
Canada-Italy	229,988	195,490
Canada-Jamaica	111,600	94,860
Canada-Japan	413,239	351,254
Canada-Jordan	-	-
Canada-Latvia	981	834
Canada-Luxembourg	24,491	20,817
Canada-Malta	42	36
Canada-Mexico	730,627	621,033
Canada-Morocco	65,039	55,283
Canada-Netherlands	359,965	305,970
Canada-New Zealand	2,413*	2,051*
Canada-Nicaragua	85	72
Canada-Norway	595	506
Canada-Pakistan	64,864	55,134
Canada-Panama	35,829	30,455
Canada-Peru	46,519	39,541
Canada-Philippines	221,940	188,649
Canada-Poland	68,840	58,514
Canada-Portugal	110,322	93,774

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Canada-Qatar	-	-
Canada-Republic of Korea	345,102	293,337
Canada-Republic of Moldova	-	-
Canada-Romania	10,700	9,095
Canada-Russian Federation	2,724	2,315
Canada-Saint Kitts and Nevis	1,223	1,039
Canada-Saint Lucia	14,309	12,163
Canada-Saint Vincent and the Grenadines	3,258	2,770
Canada-Senegal	298	253
Canada-Serbia	23	20
Canada-Slovakia	44	37
Canada-Spain	126,720	107,712
Canada-Suriname	20	17
Canada-Sweden	283	241
Canada-Switzerland	162,078	137,766
Canada-Trinidad and Tobago	33,875	28,794
Canada-Tunisia	16,075	13,664
Canada-Türkiye	108,734	92,424
Canada-Ukraine	23,441	19,925
Canada-United Arab Emirates	254,623	216,429
Canada-United Kingdom	940,707	799,601
Canada-United States	3,237,300	2,751,705
Central African Republic-Algeria	27	23
Central African Republic-Belgium	162	138
Central African Republic-Benin	125	107
Central African Republic-Burundi	130	110
Central African Republic-Cameroon	6,937	5,897
Central African Republic-Congo	21	18
Central African Republic-Democratic Republic of the Congo	61	52
Central African Republic-Egypt	355	301
Central African Republic-Equatorial Guinea	-	-
Central African Republic-Ethiopia	794*	675*
Central African Republic-Gabon	48*	41*
Central African Republic-Ghana	67*	57*
Central African Republic-Guinea	61	52
Central African Republic-Kenya	137*	116*
Central African Republic-Malta	-	-
Central African Republic-Mauritania	341	290
Central African Republic-Morocco	-	-
Central African Republic-Pakistan	938	797
Central African Republic-Portugal	-	-
Central African Republic-Rwanda	-	-
Central African Republic-Saudi Arabia	103	87
Central African Republic-Senegal	308	262

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Central African Republic-South Africa	-	-
Central African Republic-Sudan	66*	56*
Central African Republic-Togo	-	-
Central African Republic-Uganda	219*	186*
Central African Republic-United Arab Emirates	-	-
Central African Republic-United Republic of Tanzania	-	-
Central African Republic-Zambia	289	246
Chad-Algeria	111	94
Chad-Belgium	633	538
Chad-Burkina Faso	231	197
Chad-Cameroon	4,094	3,480
Chad-Côte d'Ivoire	-	-
Chad-Democratic Republic of the Congo	3,211	2,729
Chad-Egypt	6,178	5,252
Chad-Ethiopia	10,547	8,965
Chad-France	11,855	10,077
Chad-Gabon	10	9
Chad-Georgia	-	-
Chad-Israel	58	49
Chad-Italy	119	101
Chad-Kenya	4,494	3,820
Chad-Kuwait	43	37
Chad-Luxembourg	128	109
Chad-Malawi	16	14
Chad-Mali	155	131
Chad-Mauritania	75	64
Chad-Morocco	34*	28*
Chad-Niger	2,816	2,394
Chad-Nigeria	4,408	3,747
Chad-Rwanda	24*	21*
Chad-Saudi Arabia	1,074	913
Chad-Senegal	139	119
Chad-South Africa	590	501
Chad-Spain	13	11
Chad-Switzerland	49	41
Chad-Togo	33	28
Chad-Türkiye	1,016*	864*
Chad-United Arab Emirates	91	78
Chad-Zambia	126	107
Chad-Zimbabwe	33	28
Chile-Argentina	110,615	94,023
Chile-Australia	57,595*	48,955*
Chile-Belgium	384*	326*
Chile-Bolivia (Plurinational State of)	9,020	7,667
Chile-Brazil	230,836	196,211

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Chile-Cabo Verde	158	134
Chile-Canada	48,070	40,860
Chile-Colombia	73,455	62,437
Chile-Costa Rica	362	308
Chile-Dominican Republic	8,853	7,525
Chile-Ecuador	43,382	36,875
Chile-France	133,750	113,688
Chile-Guatemala	433	368
Chile-Italy	78,503	66,728
Chile-Jamaica	201	171
Chile-Kenya	471	400
Chile-Luxembourg	424	360
Chile-Mexico	105,282	89,490
Chile-New Zealand	72,452	61,584
Chile-Nigeria	4,898	4,163
Chile-Panama	96,567	82,082
Chile-Paraguay	18*	16*
Chile-Peru	209,641	178,194
Chile-Portugal	61	52
Chile-Samoa	197	168
Chile-Senegal	5,796	4,927
Chile-Spain	292,853	248,925
Chile-Trinidad and Tobago	92	78
Chile-United Kingdom	60,928	51,789
Chile-United States	627,883	533,701
Chile-Uruguay	14,456	12,287
China-Afghanistan	6,547	5,565
China-Algeria	-	-
China-Armenia	37	31
China-Australia	2,734,787	2,324,569
China-Austria	264,711	225,004
China-Azerbaijan	301,103	255,938
China-Bahrain	34,176	29,049
China-Bangladesh	123,355	104,852
China-Belarus	28,923*	24,585*
China-Belgium	469,768	399,303
China-Bhutan	-	-
China-Brunei Darussalam	30,582	25,994
China-Bulgaria	43	37
China-Cambodia	499,796	424,827
China-Cameroon	234,716	199,509
China-Canada	2,372,054	2,016,246
China-Cook Islands	-	-
China-Croatia	70	60
China-Cyprus	54	46

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
China-Czechia	94,823	80,599
China-Democratic People's Republic of Korea	1,823	1,550
China-Denmark	251,593	213,854
China-Egypt	20,410*	17,349*
China-Estonia	-	-
China-Ethiopia	470,997	400,348
China-Fiji	-	-
China-Finland	363,666	309,116
China-France	1,624,679	1,380,977
China-Georgia	7,452	6,334
China-Germany	2,690,564	2,286,979
China-Greece	27,053	22,995
China-Hungary	46,449	39,481
China-Iceland	407	346
China-India	1,065,587	905,749
China-Indonesia	935,429	795,115
China-Iran (Islamic Republic of)	158,067	134,357
China-Iraq	5,876	4,995
China-Ireland	64,838	55,113
China-Israel	251,135	213,465
China-Italy	745,205	633,424
China-Japan	4,704,843	3,999,117
China-Jordan	240	204
China-Kazakhstan	229,080	194,718
China-Kenya	34,264	29,124
China-Kuwait	-	-
China-Kyrgyzstan	45,042	38,286
China-Lao People's Democratic Republic	41,375	35,169
China-Latvia	794	675
China-Lithuania	366	311
China-Luxembourg	31,261	26,572
China-Madagascar	43	37
China-Malaysia	1,440,524	1,224,445
China-Maldives	105,372	89,566
China-Malta	54	46
China-Mauritius	44,516	37,839
China-Mexico	55,605	47,264
China-Micronesia (Federated States of)	19	16
China-Mongolia	28,751	24,438
China-Montenegro	45	38
China-Mozambique	478	406
China-Myanmar	166,710	141,703
China-Nepal	110,221	93,688
China-Netherlands	1,365,504	1,160,679
China-New Zealand	653,147	555,175

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
China-Norway	10,055	8,547
China-Oman	30,306	25,760
China-Pakistan	63,148	53,676
China-Palau	12,167	10,342
China-Papua New Guinea	12,908	10,972
China-Philippines	836,777	711,260
China-Poland	53,925	45,836
China-Portugal	9,725	8,266
China-Qatar	-	-
China-Republic of Korea	2,365,870	2,010,989
China-Russian Federation	1,772,418	1,506,555
China-Samoa	215	183
China-Saudi Arabia	186,566	158,581
China-Seychelles	132	112
China-Singapore	2,272,446	1,931,579
China-Slovakia	50	43
China-Solomon Islands	91	77
China-South Africa	256,275	217,834
China-Spain	408,600	347,310
China-Sri Lanka	141,811	120,539
China-Sweden	80,788	68,670
China-Switzerland	430,060	365,551
China-Syrian Arab Republic	151	128
China-Tajikistan	4,702	3,996
China-Thailand	3,190,205	2,711,674
China-Tonga	55	47
China-Türkiye	655,747	557,385
China-Turkmenistan	103,983	88,386
China-Ukraine	72,522	61,644
China-United Arab Emirates	2,324,976	1,976,229
China-United Kingdom	2,178,809	1,851,987
China-United Republic of Tanzania	55	47
China-United States	12,539,571	10,658,635
China-Uzbekistan	25,804	21,934
China-Vanuatu	89	76
China-Viet Nam	1,266,901	1,076,866
China-Zambia	83	71
Colombia-Argentina	68,954	58,611
Colombia-Bahamas	76	65
Colombia-Barbados	10	9
Colombia-Bolivia (Plurinational State of)	28,171	23,945
Colombia-Brazil	113,975	96,879
Colombia-Canada	34,086	28,973
Colombia-Chile	129,278	109,886
Colombia-Costa Rica	20,130	17,110

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Colombia-Cuba	12,739	10,829
Colombia-Dominican Republic	25,694	21,840
Colombia-Ecuador	856,957	728,413
Colombia-El Salvador	30,168	25,643
Colombia-France	55,844	47,467
Colombia-Germany	132,679	112,777
Colombia-Guatemala	8,087	6,874
Colombia-Guyana	27	23
Colombia-Honduras	134	114
Colombia-Ireland	142	121
Colombia-Jamaica	99	84
Colombia-Luxembourg	317	269
Colombia-Mexico	138,736	117,926
Colombia-Netherlands	405,226	344,442
Colombia-Panama	612,102	520,287
Colombia-Paraguay	7,807	6,636
Colombia-Peru	119,178	101,301
Colombia-Portugal	199	169
Colombia-Russian Federation	43	37
Colombia-Spain	485,224	412,440
Colombia-Suriname	101	86
Colombia-Türkiye	184	157
Colombia-United Arab Emirates	488	415
Colombia-United Kingdom	54,662	46,463
Colombia-United States	867,643	737,497
Colombia-Uruguay	6,977	5,930
Colombia-Venezuela (Bolivarian Republic of)	186,611	158,620
Comoros-Ethiopia	4,372	3,716
Comoros-France	1,393	1,184
Comoros-Kenya	-	-
Comoros-Madagascar	2,936	2,496
Comoros-Mauritius	75	64
Comoros-Saudi Arabia	-	-
Comoros-Seychelles	1,414	1,202
Comoros-United Arab Emirates	64	54
Comoros-United Republic of Tanzania	4,777	4,061
Comoros-Zambia	18	15
Congo-Algeria	14	11
Congo-Angola	901	766
Congo-Belgium	378*	321*
Congo-Benin	1,560	1,326
Congo-Botswana	14	11
Congo-Burkina Faso	13	11
Congo-Cameroon	2,006	1,705
Congo-Central African Republic	26*	22*

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Congo-Côte d'Ivoire	13*	11*
Congo-Democratic Republic of the Congo	1,598	1,359
Congo-Djibouti	75	63
Congo-Egypt	42	36
Congo-Equatorial Guinea	750	637
Congo-Ethiopia	17,192	14,613
Congo-France	54,742	46,531
Congo-Gabon	1,205	1,024
Congo-Ghana	165*	140*
Congo-Guinea	18	15
Congo-Italy	-	-
Congo-Kenya	9,314	7,917
Congo-Luxembourg	215	183
Congo-Morocco	22*	19*
Congo-Niger	-	-
Congo-Nigeria	224	190
Congo-Qatar	-	-
Congo-Russian Federation	-	-
Congo-Rwanda	156*	132*
Congo-Saudi Arabia	-	-
Congo-Senegal	125	106
Congo-South Africa	521	443
Congo-Spain	165	140
Congo-Switzerland	-	-
Congo-Togo	32*	27*
Congo-Uganda	423	360
Congo-United Arab Emirates	571	485
Congo-United Kingdom	76	64
Congo-Zambia	70	60
Cook Islands-Australia	-	-
Cook Islands-Egypt	205	174
Cook Islands-France	8	7
Cook Islands-Japan	-	-
Cook Islands-New Zealand	-	-
Cook Islands-United States	-	-
Costa Rica-Antigua and Barbuda	20	17
Costa Rica-Argentina	87	74
Costa Rica-Bahamas	83	71
Costa Rica-Barbados	102	87
Costa Rica-Bolivia (Plurinational State of)	40	34
Costa Rica-Brazil	51	43
Costa Rica-Canada	57,214	48,632
Costa Rica-Chile	141	120
Costa Rica-Colombia	17,996	15,296
Costa Rica-Czechia	57	49

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Costa Rica-Dominican Republic	4,481	3,809
Costa Rica-Ecuador	41	35
Costa Rica-El Salvador	18,997	16,147
Costa Rica-France	40,140	34,119
Costa Rica-Germany	23,044	19,588
Costa Rica-Guatemala	18,785	15,967
Costa Rica-Honduras	4,096	3,482
Costa Rica-Ireland	213	181
Costa Rica-Jamaica	104	88
Costa Rica-Mauritania	83	71
Costa Rica-Mexico	41,185	35,007
Costa Rica-Netherlands	10,203	8,672
Costa Rica-Nicaragua	2,087	1,774
Costa Rica-Panama	30,411	25,849
Costa Rica-Peru	14,746	12,534
Costa Rica-Saint Kitts and Nevis	9	8
Costa Rica-Spain	73,664	62,614
Costa Rica-Switzerland	-	-
Costa Rica-United Kingdom	32,096	27,282
Costa Rica-United States	383,599	326,059
Côte d'Ivoire-Algeria	-	-
Côte d'Ivoire-Angola	11	9
Côte d'Ivoire-Belgium	18,407	15,646
Côte d'Ivoire-Benin	11,626	9,882
Côte d'Ivoire-Burkina Faso	9,523	8,094
Côte d'Ivoire-Cameroon	-	-
Côte d'Ivoire-Chad	-	-
Côte d'Ivoire-Congo	2,435	2,070
Côte d'Ivoire-Czechia	158	135
Côte d'Ivoire-Democratic Republic of the Congo	-	-
Côte d'Ivoire-Egypt	30	25
Côte d'Ivoire-Equatorial Guinea	9*	8*
Côte d'Ivoire-Ethiopia	30,119*	25,601*
Côte d'Ivoire-France	106,734	90,724
Côte d'Ivoire-Gabon	1,366	1,161
Côte d'Ivoire-Germany	284	242
Côte d'Ivoire-Ghana	14,922	12,684
Côte d'Ivoire-Guinea	11,053	9,395
Côte d'Ivoire-Kenya	138	118
Côte d'Ivoire-Lebanon	-	-
Côte d'Ivoire-Liberia	-	-
Côte d'Ivoire-Luxembourg	2,857	2,428
Côte d'Ivoire-Mali	16,601	14,110
Côte d'Ivoire-Malta	44	38
Côte d'Ivoire-Mauritania	42	36

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Côte d'Ivoire-Morocco	20,174	17,148
Côte d'Ivoire-Niger	4,823	4,100
Côte d'Ivoire-Nigeria	8,083	6,871
Côte d'Ivoire-Portugal	7,994	6,795
Côte d'Ivoire-Qatar	-	-
Côte d'Ivoire-Saudi Arabia	-	-
Côte d'Ivoire-Senegal	17,349	14,747
Côte d'Ivoire-Sierra Leone	-	-
Côte d'Ivoire-South Africa	-	-
Côte d'Ivoire-Switzerland	51	44
Côte d'Ivoire-Togo	3,730	3,171
Côte d'Ivoire-Tunisia	6,109	5,193
Côte d'Ivoire-Türkiye	16,651	14,153
Côte d'Ivoire-United Kingdom	382	325
Côte d'Ivoire-United States	18,580	15,793
Croatia-Afghanistan	124	105
Croatia-Albania	26	22
Croatia-Armenia	25	21
Croatia-Austria	10,446	8,880
Croatia-Azerbaijan	100*	85*
Croatia-Belgium	14,022	11,919
Croatia-Bosnia and Herzegovina	1,900	1,615
Croatia-Bulgaria	126	107
Croatia-Canada	19,487	16,564
Croatia-Cyprus	62	52
Croatia-Czechia	5,212	4,430
Croatia-Denmark	14,675	12,473
Croatia-Egypt	24	21
Croatia-Estonia	661	562
Croatia-Finland	15,718	13,360
Croatia-France	42,092	35,778
Croatia-Georgia	35	30
Croatia-Germany	116,723	99,215
Croatia-Greece	4,525	3,846
Croatia-Hungary	195	166
Croatia-Iceland	292	248
Croatia-Ireland	19,204	16,323
Croatia-Israel	4,740	4,029
Croatia-Italy	14,298	12,154
Croatia-Japan	-	-
Croatia-Jordan	-	-
Croatia-Kazakhstan	29	25
Croatia-Kuwait	25	21
Croatia-Latvia	1,853	1,575
Croatia-Lebanon	6*	5*

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Croatia-Lithuania	70	60
Croatia-Luxembourg	677	576
Croatia-Malta	206	175
Croatia-Montenegro	107	91
Croatia-Morocco	22	19
Croatia-Netherlands	25,950	22,058
Croatia-North Macedonia	3,380	2,873
Croatia-Norway	26,653	22,655
Croatia-Poland	12,671	10,770
Croatia-Portugal	3,346	2,844
Croatia-Qatar	339*	288*
Croatia-Republic of Korea	-	-
Croatia-Republic of Moldova	13	11
Croatia-Romania	460	391
Croatia-Russian Federation	17,347	14,745
Croatia-Saudi Arabia	-	-
Croatia-Serbia	3,141	2,670
Croatia-Slovakia	173	147
Croatia-Slovenia	69	58
Croatia-Spain	24,226	20,592
Croatia-Sweden	27,131	23,062
Croatia-Switzerland	16,224	13,791
Croatia-Tunisia	25*	21*
Croatia-Türkiye	15,318	13,021
Croatia-Ukraine	602	512
Croatia-United Arab Emirates	28,706	24,400
Croatia-United Kingdom	117,963	100,268
Croatia-United States	8,932	7,592
Cuba-Argentina	9,127	7,758
Cuba-Bahamas	1,673	1,422
Cuba-Barbados	72	61
Cuba-Belarus	-	-
Cuba-Belgium	164	140
Cuba-Bolivia (Plurinational State of)	6,537	5,557
Cuba-Canada	221,904	188,619
Cuba-Colombia	59	50
Cuba-Congo	357	303
Cuba-Costa Rica	10	8
Cuba-Dominican Republic	2,713	2,306
Cuba-Ecuador	571	485
Cuba-El Salvador	5,355	4,552
Cuba-Finland	5,189	4,410
Cuba-France	105,997	90,098
Cuba-Germany	95,587	81,249
Cuba-Ghana	211	180

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Cuba-Haiti	694	590
Cuba-Ireland	150	128
Cuba-Italy	47,005	39,955
Cuba-Jamaica	1,754	1,491
Cuba-Mexico	61,934	52,644
Cuba-Netherlands	30,388	25,830
Cuba-Panama	53,455	45,436
Cuba-Peru	26,074	22,163
Cuba-Poland	2,468*	2,098*
Cuba-Portugal	5,013	4,261
Cuba-Russian Federation	123,904	105,319
Cuba-Senegal	132	112
Cuba-Spain	149,491	127,067
Cuba-Suriname	263	224
Cuba-Switzerland	20,552	17,469
Cuba-Trinidad and Tobago	3,079	2,617
Cuba-United Kingdom	47,941	40,750
Cuba-United States	122,433	104,068
Cuba-Venezuela (Bolivarian Republic of)	6,994	5,945
Cyprus-Afghanistan	129	109
Cyprus-Armenia	151	128
Cyprus-Austria	25,404	21,593
Cyprus-Azerbaijan	179	152
Cyprus-Bahrain	7,138	6,067
Cyprus-Belarus	3,915	3,328
Cyprus-Belgium	6,840	5,814
Cyprus-Bulgaria	8,164	6,939
Cyprus-Cabo Verde	108	92
Cyprus-China	580	493
Cyprus-Croatia	85	72
Cyprus-Czechia	5,328	4,529
Cyprus-Denmark	11,082	9,420
Cyprus-Djibouti	460	391
Cyprus-Egypt	2,869	2,438
Cyprus-Estonia	3,500	2,975
Cyprus-Ethiopia	67	57
Cyprus-Finland	4,130	3,511
Cyprus-France	1,565	1,330
Cyprus-Georgia	1,668	1,417
Cyprus-Germany	46,253	39,315
Cyprus-Greece	83,172	70,697
Cyprus-Hungary	8,225	6,991
Cyprus-India	1,626	1,382
Cyprus-Iran (Islamic Republic of)	-	-
Cyprus-Iraq	57	49

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Cyprus-Ireland	4,352	3,699
Cyprus-Israel	21,394	18,185
Cyprus-Italy	11,179	9,502
Cyprus-Jordan	3,283	2,791
Cyprus-Kazakhstan	90	77
Cyprus-Kenya	-	-
Cyprus-Kuwait	1,070	910
Cyprus-Latvia	4,951	4,208
Cyprus-Lebanon	5,241	4,454
Cyprus-Libya	-	-
Cyprus-Lithuania	4,347	3,695
Cyprus-Luxembourg	89	75
Cyprus-Maldives	57	49
Cyprus-Malta	19,647	16,700
Cyprus-Mauritius	41	35
Cyprus-Montenegro	110	94
Cyprus-Morocco	44	37
Cyprus-Netherlands	10,943	9,301
Cyprus-North Macedonia	778	662
Cyprus-Norway	13,899	11,814
Cyprus-Oman	-	-
Cyprus-Pakistan	-	-
Cyprus-Poland	21,674	18,423
Cyprus-Portugal	32	27
Cyprus-Qatar	68*	58*
Cyprus-Republic of Korea	50	42
Cyprus-Republic of Moldova	1,406	1,195
Cyprus-Romania	14,996	12,746
Cyprus-Russian Federation	150,771	128,155
Cyprus-Saudi Arabia	828	703
Cyprus-Senegal	53	45
Cyprus-Serbia	4,657	3,959
Cyprus-Singapore	101	86
Cyprus-Slovakia	6,425	5,462
Cyprus-Slovenia	34	29
Cyprus-South Africa	114	97
Cyprus-Spain	1,191	1,013
Cyprus-Sweden	25,413	21,601
Cyprus-Switzerland	19,197	16,317
Cyprus-Syrian Arab Republic	-	-
Cyprus-Tunisia	24	21
Cyprus-Türkiye	5,006	4,255
Cyprus-Uganda	19	16
Cyprus-Ukraine	11,644	9,898
Cyprus-United Arab Emirates	29,000	24,650

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Cyprus-United Kingdom	341,667	290,417
Cyprus-United Republic of Tanzania	18*	15*
Cyprus-United States	337	287
Cyprus-Viet Nam	32	27
Cyprus-Zambia	23	20
Czechia-Afghanistan	468	398
Czechia-Albania	649*	552*
Czechia-Algeria	33	28
Czechia-Armenia	24	20
Czechia-Australia	19	16
Czechia-Austria	5,698	4,844
Czechia-Azerbaijan	1,199	1,019
Czechia-Bahrain	41	35
Czechia-Belarus	4,458	3,789
Czechia-Belgium	21,427	18,213
Czechia-Bulgaria	19,380	16,473
Czechia-Cabo Verde	5,728	4,868
Czechia-Canada	17,259	14,671
Czechia-China	82,019	69,716
Czechia-Colombia	100	85
Czechia-Croatia	5,117	4,349
Czechia-Cyprus	4,872	4,141
Czechia-Denmark	12,748	10,836
Czechia-Egypt	54,610	46,418
Czechia-Estonia	78	66
Czechia-Finland	17,354	14,751
Czechia-France	52,023	44,219
Czechia-Georgia	2,921	2,483
Czechia-Germany	43,304	36,808
Czechia-Greece	59,152	50,279
Czechia-Hungary	8,710	7,404
Czechia-Iceland	2,476	2,105
Czechia-India	244	207
Czechia-Indonesia	56	48
Czechia-Iraq	71	60
Czechia-Ireland	12,230	10,395
Czechia-Israel	34,688	29,485
Czechia-Italy	55,860	47,481
Czechia-Japan	-	-
Czechia-Jordan	3,364	2,859
Czechia-Kazakhstan	2,736	2,326
Czechia-Kyrgyzstan	26	22
Czechia-Latvia	4,960	4,216
Czechia-Lebanon	2,564	2,179
Czechia-Libya	64	55

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Czechia-Lithuania	945	803
Czechia-Luxembourg	517	440
Czechia-Maldives	411	349
Czechia-Malta	1,820	1,547
Czechia-Montenegro	721	613
Czechia-Morocco	7,021	5,968
Czechia-Netherlands	32,113	27,296
Czechia-Niger	163	139
Czechia-Nigeria	421	358
Czechia-North Macedonia	5*	5*
Czechia-Norway	8,095	6,880
Czechia-Oman	548*	466*
Czechia-Poland	11,261	9,572
Czechia-Portugal	17,926	15,237
Czechia-Qatar	19*	16*
Czechia-Republic of Korea	78,545	66,763
Czechia-Republic of Moldova	54	46
Czechia-Romania	7,061	6,002
Czechia-Russian Federation	111,792	95,024
Czechia-Rwanda	286	243
Czechia-Saudi Arabia	66	56
Czechia-Serbia	1,499	1,274
Czechia-Seychelles	93	79
Czechia-Slovakia	2,268	1,927
Czechia-Slovenia	622	529
Czechia-South Africa	108	92
Czechia-Spain	87,564	74,430
Czechia-Sweden	14,117	11,999
Czechia-Switzerland	13,916	11,829
Czechia-Thailand	114	97
Czechia-Tunisia	13,938	11,847
Czechia-Türkiye	63,457	53,938
Czechia-Turkmenistan	114	97
Czechia-Ukraine	15,771	13,406
Czechia-United Arab Emirates	119,037	101,182
Czechia-United Kingdom	111,783	95,015
Czechia-United States	71,919	61,131
Czechia-Uzbekistan	826	702
Democratic People's Republic of Korea-China	2,131	1,811
Democratic Republic of the Congo-Algeria	103*	87*
Democratic Republic of the Congo-Angola	88	75
Democratic Republic of the Congo-Belgium	39,941	33,950
Democratic Republic of the Congo-Benin	56	48
Democratic Republic of the Congo-Bulgaria	32	27
Democratic Republic of the Congo-Cameroon	219	186

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Democratic Republic of the Congo-Central African Republic	-	-
Democratic Republic of the Congo-Congo	1,762	1,498
Democratic Republic of the Congo-Côte d'Ivoire	-	-
Democratic Republic of the Congo-Cyprus	29	25
Democratic Republic of the Congo-Djibouti	61	52
Democratic Republic of the Congo-Egypt	493	419
Democratic Republic of the Congo-Eswatini	20	17
Democratic Republic of the Congo-Ethiopia	40,186	34,158
Democratic Republic of the Congo-France	19,581	16,644
Democratic Republic of the Congo-Gabon	4,822	4,099
Democratic Republic of the Congo-Germany	21	18
Democratic Republic of the Congo-Ghana	240	204
Democratic Republic of the Congo-Hungary	39	33
Democratic Republic of the Congo-Italy	275	234
Democratic Republic of the Congo-Jordan	19	16
Democratic Republic of the Congo-Kenya	24,229	20,595
Democratic Republic of the Congo-Lebanon	47	40
Democratic Republic of the Congo-Malawi	2,699	2,294
Democratic Republic of the Congo-Maldives	-	-
Democratic Republic of the Congo-Mali	79	67
Democratic Republic of the Congo-Mauritania	20	17
Democratic Republic of the Congo-Morocco	-	-
Democratic Republic of the Congo-Nigeria	259	220
Democratic Republic of the Congo-Qatar	21	18
Democratic Republic of the Congo-Russian Federation	57	48
Democratic Republic of the Congo-Rwanda	4,073	3,462
Democratic Republic of the Congo-Senegal	125	106
Democratic Republic of the Congo-South Africa	23,303	19,808
Democratic Republic of the Congo-Spain	70	60
Democratic Republic of the Congo-Sri Lanka	43	37
Democratic Republic of the Congo-Switzerland	30	25
Democratic Republic of the Congo-Togo	4,493	3,819
Democratic Republic of the Congo-Türkiye	10,441	8,875
Democratic Republic of the Congo-Uganda	1,964	1,670
Democratic Republic of the Congo-United Arab Emirates	145	124
Democratic Republic of the Congo-United Kingdom	29*	24*
Democratic Republic of the Congo-United Republic of Tanzania	28*	24*
Democratic Republic of the Congo-Zambia	949	807
Democratic Republic of the Congo-Zimbabwe	24*	20*
Denmark-Afghanistan	206	175
Denmark-Albania	554	471
Denmark-Algeria	5	4

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Denmark-Austria	25,414	21,602
Denmark-Azerbaijan	182	155
Denmark-Bahrain	123	105
Denmark-Belarus	50	42
Denmark-Belgium	34,628	29,433
Denmark-Bosnia and Herzegovina	1,326	1,127
Denmark-Bulgaria	9,316	7,919
Denmark-Cabo Verde	4,925	4,186
Denmark-Cameroon	31	26
Denmark-Canada	53,267	45,277
Denmark-China	226,095	192,181
Denmark-Croatia	14,427	12,263
Denmark-Cyprus	10,116	8,599
Denmark-Czechia	12,851	10,923
Denmark-Dominican Republic	3,871	3,290
Denmark-Egypt	26,586	22,598
Denmark-Estonia	7,221	6,138
Denmark-Finland	42,729	36,320
Denmark-France	84,701	71,996
Denmark-Gambia	1,407	1,196
Denmark-Georgia	1,690	1,437
Denmark-Germany	128,389	109,130
Denmark-Ghana	173	147
Denmark-Greece	83,287	70,794
Denmark-Hungary	11,246	9,559
Denmark-Iceland	54,111	45,994
Denmark-India	31*	26*
Denmark-Iraq	5,946	5,054
Denmark-Ireland	13,037	11,082
Denmark-Israel	5,080	4,318
Denmark-Italy	82,709	70,303
Denmark-Japan	73,666	62,616
Denmark-Jordan	7,455	6,337
Denmark-Kazakhstan	99	85
Denmark-Kuwait	165	140
Denmark-Latvia	11,898	10,113
Denmark-Lebanon	6,752	5,739
Denmark-Lithuania	14,434	12,269
Denmark-Luxembourg	4,532	3,852
Denmark-Maldives	104	88
Denmark-Mali	997	847
Denmark-Malta	6,457	5,489
Denmark-Mauritius	503	427
Denmark-Mexico	1,630	1,385
Denmark-Montenegro	1,169	993

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Denmark-Morocco	10,982	9,335
Denmark-Netherlands	62,215	52,882
Denmark-Niger	278	236
Denmark-Nigeria	29	25
Denmark-North Macedonia	2,238	1,902
Denmark-Norway	110,920	94,282
Denmark-Pakistan	5,794	4,924
Denmark-Poland	34,810	29,588
Denmark-Portugal	40,107	34,091
Denmark-Qatar	-	-
Denmark-Republic of Moldova	752	639
Denmark-Romania	10,925	9,286
Denmark-Russian Federation	14,066	11,956
Denmark-Saudi Arabia	27*	23*
Denmark-Senegal	320	272
Denmark-Serbia	4,595	3,906
Denmark-Singapore (excluding data from Singapore)	46	39
Denmark-Slovakia	14	12
Denmark-Slovenia	2,033	1,728
Denmark-South Africa	40	34
Denmark-Spain	265,558	225,724
Denmark-Sweden	70,028	59,524
Denmark-Switzerland	40,909	34,773
Denmark-Thailand	141,399	120,189
Denmark-Tunisia	1,322	1,124
Denmark-Türkiye	103,875	88,293
Denmark-Ukraine	10,067	8,557
Denmark-United Arab Emirates	102,914	87,476
Denmark-United Kingdom	171,807	146,036
Denmark-United Republic of Tanzania	37	31
Denmark-United States	411,171	349,496
Denmark-Viet Nam	1,034	879
Djibouti-Bahrain	3,765	3,200
Djibouti-Bangladesh	1,082	919
Djibouti-Belarus	-	-
Djibouti-Belgium	1,457	1,239
Djibouti-Bulgaria	121	103
Djibouti-China	1,038	882
Djibouti-Côte d'Ivoire	32*	27*
Djibouti-Cyprus	157	133
Djibouti-Egypt	96	82
Djibouti-Ethiopia	6,164	5,239
Djibouti-France	12,389	10,530
Djibouti-Germany	2,175	1,849
Djibouti-Ghana	82	70

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Djibouti-Greece	283	240
Djibouti-India	487	414
Djibouti-Indonesia	161	137
Djibouti-Ireland	844	717
Djibouti-Italy	409	348
Djibouti-Jordan	262	223
Djibouti-Kenya	5,148	4,376
Djibouti-Kuwait	388	330
Djibouti-Latvia	163	139
Djibouti-Lebanon	242	206
Djibouti-Nepal	536	456
Djibouti-New Zealand	86	73
Djibouti-Qatar	-	-
Djibouti-Rwanda	11	9
Djibouti-Saudi Arabia	1,143	972
Djibouti-Serbia	149	127
Djibouti-Singapore	-	-
Djibouti-Slovakia	54	46
Djibouti-Somalia	6,106	5,190
Djibouti-South Sudan	-	-
Djibouti-Sri Lanka	-	-
Djibouti-Sudan	97	82
Djibouti-Switzerland	-	-
Djibouti-Thailand	-	-
Djibouti-Togo	44	37
Djibouti-Tunisia	-	-
Djibouti-Türkiye	14,520	12,342
Djibouti-Uganda	104*	89*
Djibouti-United Arab Emirates	6,431	5,466
Djibouti-United Republic of Tanzania	54	46
Djibouti-Yemen	412	350
Dominica-Antigua and Barbuda	1,024	870
Dominica-Barbados	1,252	1,064
Dominica-Dominican Republic	5	5
Dominica-France	244	207
Dominica-Netherlands	593	504
Dominica-Saint Kitts and Nevis	2	2
Dominica-Saint Lucia	296	252
Dominica-Trinidad and Tobago	3	3
Dominica-United Kingdom	618	525
Dominica-United States	553	470
Dominican Republic-Antigua and Barbuda	916	778
Dominican Republic-Argentina	20,296	17,251
Dominican Republic-Austria	92	78
Dominican Republic-Bahamas	192	163

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Dominican Republic-Barbados	70	59
Dominican Republic-Belgium	24,725	21,016
Dominican Republic-Bolivia (Plurinational State of)	455	386
Dominican Republic-Brazil	39,519	33,591
Dominican Republic-Cabo Verde	43	37
Dominican Republic-Canada	220,525	187,446
Dominican Republic-Chile	8,041	6,835
Dominican Republic-Colombia	187	159
Dominican Republic-Costa Rica	3,988	3,390
Dominican Republic-Cuba	4,340	3,689
Dominican Republic-Denmark	2,851	2,423
Dominican Republic-Ecuador	97	82
Dominican Republic-El Salvador	77	65
Dominican Republic-Finland	3,028	2,573
Dominican Republic-France	108,958	92,614
Dominican Republic-Germany	146,667	124,667
Dominican Republic-Grenada	30	26
Dominican Republic-Guatemala	14	12
Dominican Republic-Haiti	250	212
Dominican Republic-Ireland	146	124
Dominican Republic-Italy	22,648*	19,251*
Dominican Republic-Jamaica	3,253	2,765
Dominican Republic-Mexico	13,025	11,071
Dominican Republic-Netherlands	2,530	2,150
Dominican Republic-Panama	49,260	41,871
Dominican Republic-Peru	38,881	33,049
Dominican Republic-Poland	3,157*	2,683*
Dominican Republic-Portugal	9,151	7,779
Dominican Republic-Russian Federation	89,319	75,921
Dominican Republic-Saint Lucia	11	9
Dominican Republic-Saint Vincent and the Grenadines	17	15
Dominican Republic-Spain	153,897	130,812
Dominican Republic-Suriname	43	36
Dominican Republic-Sweden	3,756	3,193
Dominican Republic-Switzerland	-	-
Dominican Republic-Trinidad and Tobago	27	23
Dominican Republic-Ukraine	12,991	11,042
Dominican Republic-United Kingdom	72,237	61,401
Dominican Republic-United States	748,076	635,865
Dominican Republic-Venezuela (Bolivarian Republic of)	4,274	3,633
Ecuador-Antigua and Barbuda	19	16
Ecuador-Bahamas	11	9
Ecuador-Barbados	82	70
Ecuador-Bolivia (Plurinational State of)	119	101

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Ecuador-Brazil	6,447	5,480
Ecuador-Canada	847	720
Ecuador-Chile	18,531	15,752
Ecuador-Colombia	39,757	33,793
Ecuador-Costa Rica	58	50
Ecuador-Cuba	599	509
Ecuador-Dominican Republic	115	98
Ecuador-El Salvador	15,256	12,968
Ecuador-France	20,041	17,035
Ecuador-Mexico	41,691	35,438
Ecuador-Netherlands	88,556	75,272
Ecuador-Panama	47,552	40,419
Ecuador-Paraguay	66	56
Ecuador-Peru	29,940	25,449
Ecuador-Spain	169,155	143,782
Ecuador-United Kingdom	93	79
Ecuador-United States	339,316	288,418
Ecuador-Uruguay	146	124
Egypt-Albania	543	462
Egypt-Algeria	22,260	18,921
Egypt-Angola	100	85
Egypt-Armenia	7,292	6,198
Egypt-Austria	50,313	42,766
Egypt-Azerbaijan	213	181
Egypt-Bahrain	33,687	28,634
Egypt-Bangladesh	-	-
Egypt-Belarus	136*	115*
Egypt-Belgium	74,955	63,712
Egypt-Benin	242	206
Egypt-Bulgaria	2,992	2,543
Egypt-Burkina Faso	273	232
Egypt-Cameroon	351	298
Egypt-Canada	-	-
Egypt-Central African Republic	530	451
Egypt-Chad	6,910	5,873
Egypt-China	137,676	117,025
Egypt-Congo	37	31
Egypt-Côte d'Ivoire	174	147
Egypt-Croatia	18	15
Egypt-Cyprus	2,655	2,256
Egypt-Czechia	56,742	48,231
Egypt-Democratic Republic of the Congo	256	218
Egypt-Denmark	28,838	24,512
Egypt-Djibouti	89	76
Egypt-Eritrea	9,800	8,330

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Egypt-Estonia	8,810	7,488
Egypt-Ethiopia	26,505	22,529
Egypt-Finland	4,097	3,482
Egypt-France	100,253	85,215
Egypt-Gabon	47	40
Egypt-Gambia	153	130
Egypt-Georgia	2,307	1,961
Egypt-Germany	448,213	380,981
Egypt-Ghana	15,589	13,251
Egypt-Greece	18,763	15,948
Egypt-Guinea	212	180
Egypt-Hungary	15,852	13,474
Egypt-India	12,501	10,626
Egypt-Iraq	16,873	14,342
Egypt-Ireland	139	118
Egypt-Israel	2,959	2,515
Egypt-Italy	195,405	166,094
Egypt-Japan	24,985	21,237
Egypt-Jordan	36,473	31,002
Egypt-Kazakhstan	22,696	19,291
Egypt-Kenya	15,401	13,091
Egypt-Kuwait	170,793	145,174
Egypt-Kyrgyzstan	457	388
Egypt-Latvia	5,270	4,480
Egypt-Lebanon	24,466	20,796
Egypt-Libya	9,137	7,766
Egypt-Lithuania	15,356	13,052
Egypt-Luxembourg	11,540	9,809
Egypt-Madagascar	959	815
Egypt-Malawi	33	28
Egypt-Maldives	22	18
Egypt-Mali	5,271	4,480
Egypt-Malta	850	723
Egypt-Mauritania	54	46
Egypt-Mauritius	39	33
Egypt-Montenegro	5	4
Egypt-Morocco	49,463	42,044
Egypt-Mozambique	19	16
Egypt-Namibia	32	27
Egypt-Netherlands	61,041	51,885
Egypt-Niger	104	89
Egypt-Nigeria	48,668	41,368
Egypt-North Macedonia	943	801
Egypt-Norway	3,631	3,087
Egypt-Oman	37,365	31,760

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Egypt-Poland	78,857	67,028
Egypt-Portugal	688	585
Egypt-Qatar	57	48
Egypt-Republic of Korea	2,546	2,164
Egypt-Republic of Moldova	34*	29*
Egypt-Romania	10,784	9,167
Egypt-Russian Federation	20,988	17,840
Egypt-Rwanda	2,870	2,439
Egypt-Saudi Arabia	537,608	456,967
Egypt-Senegal	107	91
Egypt-Serbia	12,016	10,214
Egypt-Seychelles	18	15
Egypt-Sierra Leone	22	18
Egypt-Singapore	39	33
Egypt-Slovakia	13,297	11,302
Egypt-Slovenia	4,466	3,796
Egypt-South Africa	31,142	26,470
Egypt-South Sudan	3,362	2,858
Egypt-Spain	40,489	34,415
Egypt-Sudan	20,518	17,441
Egypt-Sweden	10,179	8,652
Egypt-Switzerland	49,694	42,240
Egypt-Thailand	24,252	20,614
Egypt-Tunisia	14,464	12,294
Egypt-Türkiye	96,553	82,070
Egypt-Uganda	4,596	3,907
Egypt-Ukraine	169,858	144,379
Egypt-United Arab Emirates	278,439	236,673
Egypt-United Kingdom	168,282	143,040
Egypt-United Republic of Tanzania	10,721	9,113
Egypt-United States	692*	588*
Egypt-Uzbekistan	1,065	905
Egypt-Yemen	51	43
Egypt-Zambia	21	17
Egypt-Zimbabwe	53	45
El Salvador-Bahamas	25	21
El Salvador-Belize	953	810
El Salvador-Canada	13,675	11,624
El Salvador-Chile	174	148
El Salvador-Colombia	8,640	7,344
El Salvador-Costa Rica	19,997	16,998
El Salvador-Cuba	5,159	4,385
El Salvador-Dominican Republic	164	140
El Salvador-Ecuador	15,855	13,477
El Salvador-France	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
El Salvador-Guatemala	9,265	7,875
El Salvador-Honduras	12,527	10,648
El Salvador-Mali	-	-
El Salvador-Mexico	33,422	28,408
El Salvador-Nicaragua	7,350	6,247
El Salvador-Panama	10,121	8,603
El Salvador-Peru	35,332	30,032
El Salvador-Portugal	143	122
El Salvador-Spain	64,715	55,007
El Salvador-Switzerland	-	-
El Salvador-United Kingdom	3	3
El Salvador-United States	297,267	252,677
Equatorial Guinea-Algeria	-	-
Equatorial Guinea-Angola	-	-
Equatorial Guinea-Benin	1,491	1,268
Equatorial Guinea-Burkina Faso	10	8
Equatorial Guinea-Cameroon	3,451	2,933
Equatorial Guinea-Congo	3,045	2,588
Equatorial Guinea-Côte d'Ivoire	-	-
Equatorial Guinea-Democratic Republic of the Congo	10*	8*
Equatorial Guinea-Egypt	32	27
Equatorial Guinea-Ethiopia	11,239	9,553
Equatorial Guinea-Gabon	822	699
Equatorial Guinea-Germany	114	97
Equatorial Guinea-Kenya	-	-
Equatorial Guinea-Liberia	9*	7*
Equatorial Guinea-Madagascar	-	-
Equatorial Guinea-Mauritania	35	30
Equatorial Guinea-Morocco	-	-
Equatorial Guinea-Nigeria	7,301	6,206
Equatorial Guinea-Qatar	-	-
Equatorial Guinea-Sao Tome and Principe	369	314
Equatorial Guinea-Senegal	-	-
Equatorial Guinea-Spain	14,779	12,562
Equatorial Guinea-Switzerland	29	24
Equatorial Guinea-Togo	1,131	961
Equatorial Guinea-Tunisia	71	60
Equatorial Guinea-Türkiye	94	80
Equatorial Guinea-United Arab Emirates	-	-
Equatorial Guinea-United Kingdom	22*	19*
Eritrea-Bahrain	1,182	1,005
Eritrea-Djibouti	16	14
Eritrea-Egypt	6,077	5,166
Eritrea-Ethiopia	97	82
Eritrea-India	84	72

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Eritrea-Italy	25	21
Eritrea-Jordan	91	77
Eritrea-Kenya	117*	99*
Eritrea-Saudi Arabia	106	90
Eritrea-South Sudan	17	15
Eritrea-Sudan	19	16
Eritrea-Switzerland	45	38
Eritrea-Türkiye	5,870	4,989
Eritrea-United Arab Emirates	6,789	5,771
Estonia-Austria	3,836	3,261
Estonia-Belarus	88*	75*
Estonia-Belgium	10,764	9,149
Estonia-Bulgaria	2,740	2,329
Estonia-China	146	124
Estonia-Croatia	681	579
Estonia-Cyprus	3,352	2,849
Estonia-Czechia	80	68
Estonia-Denmark	6,686	5,683
Estonia-Egypt	8,689	7,385
Estonia-Finland	4,062	3,453
Estonia-France	4,098	3,483
Estonia-Georgia	1,121	953
Estonia-Germany	24,881	21,149
Estonia-Greece	5,702	4,846
Estonia-Hungary	24	20
Estonia-Iceland	23*	19*
Estonia-Ireland	1,416	1,204
Estonia-Italy	5,822	4,949
Estonia-Japan	36	30
Estonia-Kazakhstan	34	29
Estonia-Kuwait	84	71
Estonia-Latvia	5,767	4,902
Estonia-Lithuania	3,341	2,840
Estonia-Luxembourg	70	59
Estonia-Mali	184	156
Estonia-Malta	1,538	1,307
Estonia-Mongolia	77	66
Estonia-Montenegro	-	-
Estonia-Morocco	-	-
Estonia-Netherlands	5,492	4,668
Estonia-North Macedonia	-	-
Estonia-Norway	5,460	4,641
Estonia-Oman	49*	41*
Estonia-Poland	13,574	11,538
Estonia-Portugal	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Estonia-Qatar	-	-
Estonia-Republic of Moldova	-	-
Estonia-Romania	233	198
Estonia-Russian Federation	8,675	7,374
Estonia-Saudi Arabia	13	11
Estonia-Senegal	-	-
Estonia-Serbia	41	35
Estonia-Singapore	102	87
Estonia-Slovakia	25	21
Estonia-Slovenia	44	37
Estonia-Spain	7,654	6,506
Estonia-Sweden	10,159	8,635
Estonia-Switzerland	139	118
Estonia-Tunisia	-	-
Estonia-Türkiye	18,508	15,732
Estonia-Ukraine	5,017	4,265
Estonia-United Arab Emirates	471	401
Estonia-United Kingdom	15,433	13,118
Estonia-United States	-	-
Estonia-Uzbekistan	19	16
Eswatini-Cameroon	42	35
Eswatini-South Africa	6,904	5,868
Ethiopia-Angola	19,727	16,768
Ethiopia-Austria	30,973	26,327
Ethiopia-Bahrain	6,308	5,362
Ethiopia-Bangladesh	3,222	2,739
Ethiopia-Belgium	119,362	101,457
Ethiopia-Benin	8,937	7,596
Ethiopia-Brazil	49,422	42,009
Ethiopia-Burkina Faso	286	243
Ethiopia-Burundi	6,952*	5,909*
Ethiopia-Cambodia	240	204
Ethiopia-Cameroon	19,348	16,446
Ethiopia-Central African Republic	1,027	873
Ethiopia-Chad	14,445	12,278
Ethiopia-China	343,726	292,167
Ethiopia-Comoros	3,545	3,013
Ethiopia-Congo	15,923	13,535
Ethiopia-Côte d'Ivoire	29,932*	25,442*
Ethiopia-Cyprus	42	36
Ethiopia-Czechia	31	26
Ethiopia-Democratic Republic of the Congo	47,474	40,353
Ethiopia-Djibouti	5,216*	4,434*
Ethiopia-Egypt	24,576	20,890
Ethiopia-Equatorial Guinea	13,263	11,273

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Ethiopia-Eritrea	6,414	5,452
Ethiopia-France	45,795	38,926
Ethiopia-Gabon	14,655	12,456
Ethiopia-Germany	77,949	66,257
Ethiopia-Ghana	30,581	25,994
Ethiopia-Greece	529	450
Ethiopia-Guinea	363	309
Ethiopia-India	121,467	103,247
Ethiopia-Indonesia	630	536
Ethiopia-Ireland	128,882	109,550
Ethiopia-Israel	22,648	19,250
Ethiopia-Italy	42,914	36,477
Ethiopia-Jordan	51	43
Ethiopia-Kenya	44,908	38,172
Ethiopia-Kuwait	7,874	6,693
Ethiopia-Lebanon	21,169	17,994
Ethiopia-Madagascar	13,134	11,164
Ethiopia-Malawi	10,065	8,555
Ethiopia-Malaysia	136	116
Ethiopia-Mali	30,172	25,646
Ethiopia-Mozambique	15,073	12,812
Ethiopia-Namibia	14,821	12,597
Ethiopia-Nepal	1,874	1,593
Ethiopia-Netherlands	1,210	1,029
Ethiopia-Niger	19,065	16,205
Ethiopia-Nigeria	141,344	120,142
Ethiopia-Oman	8,473	7,202
Ethiopia-Pakistan	138	118
Ethiopia-Poland	-	-
Ethiopia-Qatar	6,975*	5,928*
Ethiopia-Republic of Korea	39,492	33,569
Ethiopia-Romania	64	55
Ethiopia-Russian Federation	7,167	6,092
Ethiopia-Rwanda	10,239	8,703
Ethiopia-Saudi Arabia	61,556	52,323
Ethiopia-Senegal	1,052	894
Ethiopia-Seychelles	9,461	8,042
Ethiopia-Singapore	33,336	28,336
Ethiopia-Slovakia	72	62
Ethiopia-Somalia	9,716*	8,258*
Ethiopia-South Africa	107,875	91,693
Ethiopia-South Sudan	5,608	4,767
Ethiopia-Spain	21,390	18,181
Ethiopia-Sri Lanka	364	310
Ethiopia-Sudan	17,548	14,916

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Ethiopia-Sweden	38,464	32,694
Ethiopia-Switzerland	44	37
Ethiopia-Thailand	44,794	38,075
Ethiopia-Togo	23,429*	19,914*
Ethiopia-Tunisia	130	111
Ethiopia-Türkiye	23,540	20,009
Ethiopia-Uganda	21,771	18,505
Ethiopia-United Arab Emirates	110,648	94,051
Ethiopia-United Kingdom	58,808*	49,987*
Ethiopia-United Republic of Tanzania	30,661	26,062
Ethiopia-United States	755	642
Ethiopia-Viet Nam	158	135
Ethiopia-Yemen	31	26
Ethiopia-Zambia	23,678	20,126
Ethiopia-Zimbabwe	29,074	24,713
Fiji-Australia	132,620	112,727
Fiji-Canada	419	356
Fiji-China	-	-
Fiji-France	2,053	1,745
Fiji-Japan	-	-
Fiji-Kiribati	-	-
Fiji-New Zealand	57,082	48,520
Fiji-Palau	36	31
Fiji-Papua New Guinea	654	556
Fiji-Republic of Korea	-	-
Fiji-Samoa	4,685	3,982
Fiji-Singapore	-	-
Fiji-Solomon Islands	1,785*	1,517*
Fiji-Tonga	-	-
Fiji-United Arab Emirates	-	-
Fiji-United States	100,650	85,553
Fiji-Vanuatu	735	625
Fiji-Viet Nam	41	35
Finland-Albania	311	265
Finland-Armenia	22	19
Finland-Austria	14,360	12,206
Finland-Azerbaijan	28	24
Finland-Bangladesh	38	32
Finland-Belarus	1,217	1,035
Finland-Belgium	27,266	23,176
Finland-Bosnia and Herzegovina	106	90
Finland-Bulgaria	4,598	3,909
Finland-Cabo Verde	2,160	1,836
Finland-China	330,728	281,118
Finland-Croatia	15,796	13,426

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Finland-Cuba	6,145	5,223
Finland-Cyprus	4,121	3,502
Finland-Czechia	17,820	15,147
Finland-Denmark	45,682	38,830
Finland-Dominican Republic	3,642	3,096
Finland-Egypt	3,896	3,312
Finland-Estonia	3,588	3,050
Finland-France	59,236	50,351
Finland-Gambia	1,996	1,696
Finland-Germany	150,382	127,824
Finland-Greece	55,764	47,399
Finland-Hungary	16,140	13,719
Finland-Iceland	25,037	21,281
Finland-India	37,550	31,917
Finland-Ireland	11,292	9,598
Finland-Israel	9,907	8,421
Finland-Italy	50,314	42,767
Finland-Japan	298,245	253,508
Finland-Kazakhstan	551	469
Finland-Latvia	10,431	8,867
Finland-Lebanon	106	90
Finland-Lithuania	5,735	4,874
Finland-Luxembourg	97	82
Finland-Malaysia	56	48
Finland-Malta	1,351	1,148
Finland-Mauritius	656	558
Finland-Mexico	3,788	3,220
Finland-Montenegro	1,078	916
Finland-Morocco	2,112	1,795
Finland-Netherlands	45,532	38,702
Finland-North Macedonia	1,039	884
Finland-Norway	31,325	26,626
Finland-Pakistan	102	87
Finland-Poland	25,951	22,058
Finland-Portugal	33,795	28,726
Finland-Qatar	-	-
Finland-Republic of Korea	55,747	47,385
Finland-Romania	3,009	2,557
Finland-Russian Federation	37,382	31,774
Finland-Saudi Arabia	21	18
Finland-Senegal	270	229
Finland-Serbia	3,303	2,808
Finland-Seychelles	49	41
Finland-Singapore	78,375	66,619
Finland-Slovakia	155	132

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Finland-Slovenia	2,504	2,129
Finland-Somalia	-	-
Finland-Spain	203,149	172,676
Finland-Sweden	72,612	61,721
Finland-Switzerland	28,600	24,310
Finland-Thailand	147,254	125,166
Finland-Tunisia	776	660
Finland-Türkiye	41,623	35,380
Finland-Ukraine	4,040*	3,434*
Finland-United Arab Emirates	23,891	20,307
Finland-United Kingdom	129,144	109,772
Finland-United States	157,917	134,229
Finland-Viet Nam	3,935	3,345
France-Afghanistan	294	250
France-Albania	2,819	2,396
France-Algeria	238,402	202,641
France-Angola	24,900	21,165
France-Antigua and Barbuda	249	212
France-Argentina	109,813	93,341
France-Armenia	8,632	7,337
France-Australia	20,445	17,378
France-Austria	83,297	70,803
France-Azerbaijan	5,311	4,514
France-Bahamas	8,333	7,083
France-Bahrain	18,139	15,418
France-Barbados	1,195	1,016
France-Belarus	9,220	7,837
France-Belgium	122,351	103,998
France-Benin	23,812	20,240
France-Bosnia and Herzegovina	2,393	2,034
France-Botswana	653	555
France-Brazil	452,934	384,994
France-Bulgaria	22,341	18,990
France-Burkina Faso	16,951	14,408
France-Cabo Verde	17,784	15,117
France-Cameroon	59,795	50,826
France-Canada	663,892	564,308
France-Central African Republic	14,278*	12,136*
France-Chad	14,639	12,443
France-Chile	140,329	119,280
France-China	1,506,286	1,280,343
France-Colombia	65,882	55,999
France-Comoros	901	766
France-Congo	48,030	40,826
France-Cook Islands	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
France-Costa Rica	44,749	38,037
France-Côte d'Ivoire	101,510	86,283
France-Croatia	37,344	31,743
France-Cuba	126,974	107,928
France-Cyprus	1,017	865
France-Czechia	50,189	42,660
France-Democratic Republic of the Congo	23,871	20,290
France-Denmark	80,874	68,743
France-Djibouti	14,286	12,143
France-Dominica	247	210
France-Dominican Republic	96,097	81,683
France-Ecuador	21,974	18,678
France-Egypt	91,828	78,054
France-El Salvador	-	-
France-Equatorial Guinea	10,095	8,581
France-Estonia	3,660	3,111
France-Ethiopia	44,837	38,111
France-Fiji	2,089	1,776
France-Finland	56,353	47,900
France-Gabon	49,499	42,074
France-Georgia	10,306	8,760
France-Germany	508,271	432,031
France-Ghana	22,578	19,191
France-Greece	227,631	193,487
France-Grenada	13	11
France-Guinea	8,758	7,444
France-Guyana	66	56
France-Haiti	20,687	17,584
France-Hungary	44,720	38,012
France-Iceland	32,407	27,546
France-India	353,351	300,348
France-Indonesia	1,270	1,080
France-Iran (Islamic Republic of)	127*	108*
France-Iraq	198	168
France-Ireland	102,528	87,149
France-Israel	171,427	145,713
France-Italy	548,895	466,560
France-Japan	636,883	541,350
France-Jordan	26,657	22,658
France-Kazakhstan	9,605	8,164
France-Kenya	78,945	67,103
France-Kuwait	30,767	26,152
France-Kyrgyzstan	200	170
France-Latvia	12,518	10,640
France-Lebanon	97,978	83,281

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
France-Lithuania	10,195	8,666
France-Luxembourg	13,286	11,293
France-Madagascar	123,519	104,991
France-Malaysia	357	303
France-Maldives	11,283	9,590
France-Mali	44,014	37,412
France-Malta	32,471	27,600
France-Mauritania	13,386	11,378
France-Mauritius	196,654	167,156
France-Mexico	358,973	305,127
France-Montenegro	7,335	6,234
France-Morocco	526,008	447,107
France-Mozambique	8	7
France-Namibia	139	118
France-Netherlands	222,579	189,192
France-New Zealand	33,034	28,079
France-Niger	32,703	27,797
France-Nigeria	51,804	44,033
France-North Macedonia	10,193	8,664
France-Norway	59,680	50,728
France-Oman	41,480	35,258
France-Pakistan	15,426	13,112
France-Panama	65,885*	56,002*
France-Papua New Guinea	22	19
France-Peru	87,381	74,274
France-Philippines	442	376
France-Poland	77,498	65,873
France-Portugal	398,482	338,709
France-Qatar	244,551	207,868
France-Republic of Korea	340,282	289,239
France-Republic of Moldova	8,123	6,904
France-Romania	85,439	72,623
France-Russian Federation	220,651	187,553
France-Rwanda	23*	19*
France-Saint Kitts and Nevis	71	60
France-Saint Lucia	253	215
France-Saint Vincent and the Grenadines	340	289
France-Samoa	536	455
France-Sao Tome and Principe	22	19
France-Saudi Arabia	96,215	81,782
France-Senegal	85,854	72,976
France-Serbia	25,806	21,935
France-Seychelles	17,909	15,222
France-Sierra Leone	18,831	16,006
France-Singapore	291,729	247,970

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
France-Slovakia	2,184	1,856
France-Slovenia	6,636	5,641
France-South Africa	163,967	139,372
France-Spain	707,828	601,654
France-Sri Lanka	88	75
France-Suriname	31	26
France-Sweden	82,553	70,170
France-Switzerland	127,939	108,748
France-Tajikistan	192	163
France-Thailand	228,403	194,142
France-Togo	16,209	13,778
France-Trinidad and Tobago	499	424
France-Tunisia	217,143	184,572
France-Türkiye	252,682	214,780
France-Turkmenistan	1,066	906
France-Uganda	140	119
France-Ukraine	37,355	31,752
France-United Arab Emirates	648,764	551,449
France-United Kingdom	592,170	503,344
France-United Republic of Tanzania	1,902	1,616
France-United States	3,669,877	3,119,395
France-Uruguay	363	308
France-Uzbekistan	8,529	7,250
France-Vanuatu	1,650	1,402
France-Venezuela (Bolivarian Republic of)	41,623	35,379
France-Viet Nam	158,614	134,822
France-Zimbabwe	181	154
Gabon-Algeria	115	98
Gabon-Angola	533	453
Gabon-Belgium	988	840
Gabon-Benin	8,166	6,941
Gabon-Burkina Faso	101	86
Gabon-Cameroon	5,580	4,743
Gabon-Central African Republic	52*	44*
Gabon-Chad	26	22
Gabon-Congo	1,280	1,088
Gabon-Côte d'Ivoire	1,657	1,408
Gabon-Democratic Republic of the Congo	2,824	2,400
Gabon-Egypt	61	52
Gabon-Equatorial Guinea	959	815
Gabon-Ethiopia	8,765	7,450
Gabon-France	44,330	37,681
Gabon-Ghana	340	289
Gabon-Italy	40	34
Gabon-Kenya	20*	17*

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Gabon-Kuwait	29	24
Gabon-Liberia	20	17
Gabon-Mali	130	110
Gabon-Mexico	58	49
Gabon-Morocco	6,856	5,827
Gabon-Namibia	40	34
Gabon-Nigeria	2,240	1,904
Gabon-Russian Federation	-	-
Gabon-Rwanda	43*	36*
Gabon-Sao Tome and Principe	341	290
Gabon-Saudi Arabia	17	14
Gabon-Senegal	135	115
Gabon-South Africa	5,176	4,399
Gabon-Spain	35	30
Gabon-Switzerland	20*	17*
Gabon-Togo	2,292	1,948
Gabon-Türkiye	11,429	9,715
Gabon-United Arab Emirates	43*	36*
Gabon-United Kingdom	165	140
Gabon-United States	319	271
Gambia-Belgium	6,702	5,697
Gambia-Cabo Verde	1,065	905
Gambia-Chile	299	254
Gambia-Denmark	1,803	1,532
Gambia-Egypt	111	94
Gambia-Finland	1,320	1,122
Gambia-France	16	13
Gambia-Germany	7,227	6,143
Gambia-Ghana	13*	11*
Gambia-Guinea	1,147	975
Gambia-Guinea-Bissau	162	137
Gambia-Hungary	43	37
Gambia-Liberia	7*	6*
Gambia-Malta	-	-
Gambia-Mauritania	12	10
Gambia-Morocco	-	-
Gambia-Netherlands	10,752	9,139
Gambia-Niger	10	9
Gambia-Nigeria	23*	20*
Gambia-Poland	-	-
Gambia-Portugal	1,059	900
Gambia-Russian Federation	148	126
Gambia-Rwanda	-	-
Gambia-Saudi Arabia	58*	49*
Gambia-Senegal	2,757	2,343

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Gambia-Sierra Leone	1,778	1,511
Gambia-Spain	4,786	4,068
Gambia-Sweden	3,156	2,683
Gambia-Switzerland	36	31
Gambia-Türkiye	13,172	11,196
Gambia-United Arab Emirates	162	138
Gambia-United Kingdom	10,477*	8,905*
Georgia-Afghanistan	2,201	1,871
Georgia-Algeria	-	-
Georgia-Armenia	2,085	1,772
Georgia-Austria	3,657	3,108
Georgia-Azerbaijan	8,561	7,277
Georgia-Bahrain	3,496	2,971
Georgia-Bangladesh	125	107
Georgia-Belarus	11,288	9,595
Georgia-Belgium	1,312	1,116
Georgia-Bulgaria	207	176
Georgia-Chad	-	-
Georgia-China	6,713	5,706
Georgia-Cyprus	1,824	1,550
Georgia-Czechia	3,481	2,959
Georgia-Denmark	1,857	1,579
Georgia-Egypt	2,498	2,123
Georgia-Estonia	1,164	990
Georgia-France	10,165	8,640
Georgia-Germany	31,805	27,034
Georgia-Greece	8,699	7,394
Georgia-Hungary	3,056	2,597
Georgia-India	25	21
Georgia-Iran (Islamic Republic of)	-	-
Georgia-Ireland	234	199
Georgia-Israel	20,195	17,166
Georgia-Italy	9,208	7,827
Georgia-Jordan	948	806
Georgia-Kazakhstan	10,178	8,651
Georgia-Kuwait	3,327	2,828
Georgia-Latvia	7,534	6,404
Georgia-Lebanon	82	70
Georgia-Lithuania	3,174	2,698
Georgia-Malta	383	326
Georgia-Montenegro	48	41
Georgia-Netherlands	4,133	3,513
Georgia-Pakistan	22*	19*
Georgia-Poland	22,794	19,375
Georgia-Portugal	95	81

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Georgia-Qatar	13,775	11,709
Georgia-Republic of Korea	427	363
Georgia-Republic of Moldova	-	-
Georgia-Romania	1,547	1,315
Georgia-Russian Federation	48,310	41,063
Georgia-Saudi Arabia	5,613	4,771
Georgia-Slovakia	62	52
Georgia-Slovenia	51	43
Georgia-Spain	4,737	4,027
Georgia-Sudan	-	-
Georgia-Sweden	286	243
Georgia-Switzerland	169	143
Georgia-Thailand	283	241
Georgia-Türkiye	53,972	45,876
Georgia-Turkmenistan	4,075	3,464
Georgia-Ukraine	29,672	25,222
Georgia-United Arab Emirates	32,701	27,796
Georgia-United Kingdom	5,399	4,589
Georgia-United States	649	551
Georgia-Uzbekistan	1,086	923
Germany-Afghanistan	50,298	42,753
Germany-Albania	15,526	13,197
Germany-Algeria	12,564	10,679
Germany-Angola	24,147	20,525
Germany-Antigua and Barbuda	2,416	2,053
Germany-Argentina	162,902	138,467
Germany-Armenia	257	218
Germany-Australia	-	-
Germany-Austria	297,960	253,266
Germany-Azerbaijan	74,270	63,130
Germany-Bahamas	182	155
Germany-Bahrain	69,490	59,066
Germany-Bangladesh	297*	253*
Germany-Barbados	22,774	19,358
Germany-Belarus	14,585	12,397
Germany-Belgium	96,826	82,302
Germany-Bosnia and Herzegovina	19,672	16,721
Germany-Brazil	451,149	383,477
Germany-Bulgaria	122,089	103,775
Germany-Burkina Faso	197	168
Germany-Cabo Verde	28,944	24,602
Germany-Cameroon	218	186
Germany-Canada	791,138	672,468
Germany-Chad	183*	156*
Germany-Chile	94	80

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Germany-China	2,487,401	2,114,291
Germany-Colombia	104,809	89,088
Germany-Congo	227	193
Germany-Costa Rica	26,727	22,718
Germany-Côte d'Ivoire	125	106
Germany-Croatia	107,965	91,771
Germany-Cuba	116,292	98,849
Germany-Cyprus	34,578	29,391
Germany-Czechia	42,422	36,059
Germany-Democratic Republic of the Congo	1,111	945
Germany-Denmark	127,582	108,444
Germany-Djibouti	2,713	2,306
Germany-Dominican Republic	159,538	135,607
Germany-Egypt	408,493	347,219
Germany-Equatorial Guinea	115	98
Germany-Estonia	23,076	19,615
Germany-Ethiopia	76,092	64,679
Germany-Finland	141,189	120,011
Germany-France	530,570	450,985
Germany-Gabon	19	16
Germany-Gambia	7,357	6,254
Germany-Georgia	26,349	22,397
Germany-Ghana	317	269
Germany-Greece	569,364	483,959
Germany-Grenada	1,629	1,385
Germany-Hungary	98,126	83,407
Germany-Iceland	77,882	66,200
Germany-India	702,732	597,322
Germany-Indonesia	312	265
Germany-Iran (Islamic Republic of)	33,498*	28,473*
Germany-Iraq	15,983	13,585
Germany-Ireland	148,902	126,567
Germany-Israel	171,959	146,165
Germany-Italy	744,428	632,763
Germany-Jamaica	42,567	36,182
Germany-Japan	882,016	749,714
Germany-Jordan	39,211	33,329
Germany-Kazakhstan	82,912	70,475
Germany-Kenya	54,762	46,547
Germany-Kuwait	114,539	97,358
Germany-Kyrgyzstan	15	13
Germany-Latvia	50,516	42,939
Germany-Lebanon	40,949	34,807
Germany-Libya	235	200
Germany-Lithuania	34,419	29,256

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Germany-Luxembourg	22,182	18,855
Germany-Malaysia	20,840	17,714
Germany-Maldives	22,657	19,259
Germany-Mali	18,373	15,617
Germany-Malta	64,474	54,803
Germany-Mauritania	21	18
Germany-Mauritius	55,632	47,287
Germany-Mexico	446,504	379,528
Germany-Mongolia	5,304	4,508
Germany-Montenegro	11,079	9,417
Germany-Morocco	121,199	103,019
Germany-Mozambique	830	706
Germany-Namibia	75,264	63,974
Germany-Netherlands	171,722	145,964
Germany-Niger	454	386
Germany-Nigeria	73,020	62,067
Germany-North Macedonia	24,676	20,975
Germany-Norway	103,035	87,580
Germany-Oman	78,792	66,973
Germany-Pakistan	1,053	895
Germany-Panama	71,906	61,120
Germany-Paraguay	910	773
Germany-Philippines	3,549	3,017
Germany-Poland	239,609	203,668
Germany-Portugal	425,578	361,741
Germany-Qatar	297,906	253,220
Germany-Republic of Korea	714,282	607,140
Germany-Republic of Moldova	16,471	14,001
Germany-Romania	166,347	141,395
Germany-Russian Federation	480,084	408,071
Germany-Rwanda	255	216
Germany-Saint Lucia	47	40
Germany-Saudi Arabia	153,889	130,806
Germany-Senegal	14,380	12,223
Germany-Serbia	65,393	55,584
Germany-Seychelles	15,114	12,847
Germany-Singapore	686,694	583,690
Germany-Slovakia	7,162	6,088
Germany-Slovenia	14,760	12,546
Germany-South Africa	375,871	319,490
Germany-Spain	2,016,070	1,713,659
Germany-Sudan	544	463
Germany-Sweden	188,300	160,055
Germany-Switzerland	235,360	200,056
Germany-Tajikistan	2,799	2,379

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Germany-Thailand	565,154	480,381
Germany-Togo	201	171
Germany-Trinidad and Tobago	8,080	6,868
Germany-Tunisia	60,742	51,631
Germany-Türkiye	1,353,887	1,150,804
Germany-Turkmenistan	5,601	4,761
Germany-Uganda	1,073	912
Germany-Ukraine	110,141	93,620
Germany-United Arab Emirates	1,126,454	957,486
Germany-United Kingdom	780,063	663,054
Germany-United Republic of Tanzania	5,310	4,513
Germany-United States	6,055,313	5,147,016
Germany-Uzbekistan	22,136	18,815
Germany-Venezuela (Bolivarian Republic of)	347	295
Germany-Viet Nam	94,867	80,637
Germany-Zimbabwe	646*	549*
Ghana-Algeria	-	-
Ghana-Angola	133	113
Ghana-Argentina	-	-
Ghana-Austria	225	191
Ghana-Belgium	49,449	42,032
Ghana-Benin	184	157
Ghana-Brazil	149	127
Ghana-Burkina Faso	5,684	4,831
Ghana-Cabo Verde	33	28
Ghana-Cameroon	199	169
Ghana-Central African Republic	244	207
Ghana-Congo	237	202
Ghana-Côte d'Ivoire	13,736	11,676
Ghana-Democratic Republic of the Congo	224	190
Ghana-Djibouti	102	87
Ghana-Egypt	15,084	12,821
Ghana-Ethiopia	30,916	26,279
Ghana-France	19,734	16,774
Ghana-Gabon	394	335
Ghana-Gambia	-	-
Ghana-Germany	615	522
Ghana-Greece	21	18
Ghana-Guinea	37	31
Ghana-Italy	5,062	4,303
Ghana-Kenya	16,875	14,344
Ghana-Kuwait	134	114
Ghana-Lebanon	17,565	14,930
Ghana-Liberia	10,314	8,767
Ghana-Libya	37	31

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Ghana-Luxembourg	7,068	6,008
Ghana-Madagascar	53	45
Ghana-Malawi	69	59
Ghana-Maldives	52	45
Ghana-Mali	50	42
Ghana-Malta	89	75
Ghana-Morocco	8,957	7,613
Ghana-Namibia	39	33
Ghana-Netherlands	61,604	52,363
Ghana-Niger	59	50
Ghana-Nigeria	19,194	16,315
Ghana-Portugal	13,027	11,073
Ghana-Romania	132	112
Ghana-Russian Federation	64	54
Ghana-Rwanda	104*	89*
Ghana-Sao Tome and Principe	2,118	1,800
Ghana-Saudi Arabia	-	-
Ghana-Senegal	305	259
Ghana-Sierra Leone	6,908	5,872
Ghana-Somalia	89	75
Ghana-South Africa	29,340	24,939
Ghana-South Sudan	475	403
Ghana-Spain	449	382
Ghana-Sri Lanka	-	-
Ghana-Suriname	-	-
Ghana-Switzerland	42*	36*
Ghana-Togo	5,337	4,536
Ghana-Tunisia	13	11
Ghana-Türkiye	23,201	19,721
Ghana-Uganda	107	91
Ghana-United Arab Emirates	67,991	57,793
Ghana-United Kingdom	74,682	63,479
Ghana-United States	93,792	79,723
Ghana-Zimbabwe	-	-
Greece-Albania	3,999	3,399
Greece-Algeria	323	275
Greece-Armenia	3,879	3,297
Greece-Austria	72,537	61,657
Greece-Azerbaijan	189	160
Greece-Bahrain	8,400	7,140
Greece-Belarus	4,033	3,428
Greece-Belgium	92,961	79,017
Greece-Bosnia and Herzegovina	305	259
Greece-Brazil	451	384
Greece-Bulgaria	8,396	7,137

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Greece-Cabo Verde	93	79
Greece-Canada	96,563	82,079
Greece-China	23,744*	20,182*
Greece-Croatia	4,901	4,165
Greece-Cyprus	74,926	63,687
Greece-Czechia	62,444	53,077
Greece-Denmark	87,749	74,586
Greece-Djibouti	340	289
Greece-Egypt	17,645	14,998
Greece-Estonia	5,832	4,957
Greece-Ethiopia	531	451
Greece-Finland	57,721	49,063
Greece-France	244,826	208,102
Greece-Georgia	7,852	6,674
Greece-Germany	597,080	507,518
Greece-Ghana	17	14
Greece-Hungary	19,306	16,410
Greece-Iceland	796	676
Greece-India	327	278
Greece-Iraq	234	199
Greece-Ireland	22,395	19,036
Greece-Israel	69,742	59,280
Greece-Italy	229,496	195,072
Greece-Japan	-	-
Greece-Jordan	6,663	5,663
Greece-Kazakhstan	823	700
Greece-Kuwait	290	246
Greece-Latvia	7,477	6,355
Greece-Lebanon	9,791	8,322
Greece-Lithuania	10,385	8,827
Greece-Luxembourg	7,025	5,971
Greece-Malaysia	176	150
Greece-Maldives	119	101
Greece-Malta	3,876	3,294
Greece-Montenegro	297	252
Greece-Morocco	9,500	8,075
Greece-Mozambique	24	20
Greece-Netherlands	185,298	157,503
Greece-Nigeria	1,352	1,149
Greece-North Macedonia	571	486
Greece-Norway	76,711	65,204
Greece-Oman	5,489	4,665
Greece-Pakistan	159	135
Greece-Poland	110,666	94,066
Greece-Portugal	13,797	11,727

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Greece-Qatar	49,488	42,065
Greece-Republic of Korea	1,606	1,365
Greece-Republic of Moldova	806*	685*
Greece-Romania	23,827	20,253
Greece-Russian Federation	135,716	115,358
Greece-Rwanda	122	103
Greece-Saudi Arabia	8,983	7,635
Greece-Serbia	15,413	13,101
Greece-Seychelles	177	151
Greece-Singapore (excluding data from Singapore)	255	216
Greece-Slovakia	12,496	10,621
Greece-Slovenia	3,319	2,821
Greece-South Africa	159	135
Greece-Spain	78,485	66,712
Greece-Sweden	107,038	90,982
Greece-Switzerland	95,935	81,544
Greece-Thailand	214	182
Greece-Togo	18	15
Greece-Trinidad and Tobago	269	229
Greece-Tunisia	532	452
Greece-Türkiye	41,848	35,571
Greece-Turkmenistan	155	132
Greece-Ukraine	17,574	14,938
Greece-United Arab Emirates	86,158	73,234
Greece-United Kingdom	714,533	607,353
Greece-United States	256,216	217,784
Greece-Uzbekistan	16	14
Greece-Viet Nam	39	33
Grenada-Antigua and Barbuda	30	26
Grenada-Barbados	2,015	1,713
Grenada-Canada	6,558	5,575
Grenada-Cuba	13	11
Grenada-Dominican Republic	35	29
Grenada-France	69	59
Grenada-Germany	2,027	1,723
Grenada-Haiti	29	25
Grenada-Hungary	49	41
Grenada-Jamaica	200	170
Grenada-Netherlands	26	22
Grenada-Russian Federation	55	47
Grenada-Saint Lucia	2,797	2,377
Grenada-Saint Vincent and the Grenadines	35	30
Grenada-Spain	-	-
Grenada-Switzerland	88	75
Grenada-Trinidad and Tobago	1,788	1,520

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Grenada-United Kingdom	58	49
Grenada-United States	28,456	24,187
Guatemala-Belize	18	15
Guatemala-Canada	1,171	995
Guatemala-Chile	221	188
Guatemala-Colombia	3,435	2,920
Guatemala-Costa Rica	20,758	17,645
Guatemala-Dominican Republic	62	52
Guatemala-Ecuador	149	127
Guatemala-El Salvador	11,610	9,868
Guatemala-Haiti	38	32
Guatemala-Honduras	2,540	2,159
Guatemala-Italy	254	216
Guatemala-Mexico	38,173	32,447
Guatemala-Nicaragua	1,916	1,629
Guatemala-Panama	22,762	19,348
Guatemala-Peru	61	52
Guatemala-Spain	356	303
Guatemala-United Kingdom	4	3
Guatemala-United States	166,389	141,431
Guinea-Algeria	-	-
Guinea-Belgium	409	348
Guinea-Burkina Faso	2,254	1,916
Guinea-Cabo Verde	10	8
Guinea-Cameroon	103	88
Guinea-Chad	96	82
Guinea-Congo	18	15
Guinea-Côte d'Ivoire	9,515	8,087
Guinea-Democratic Republic of the Congo	87	74
Guinea-Egypt	218	185
Guinea-Ethiopia	1,190	1,011
Guinea-France	18,946	16,104
Guinea-Gabon	-	-
Guinea-Gambia	1,131	962
Guinea-Germany	185	157
Guinea-Guinea-Bissau	-	-
Guinea-Liberia	12	11
Guinea-Mali	1,745	1,484
Guinea-Mauritania	5,710	4,853
Guinea-Morocco	11,106	9,440
Guinea-Portugal	2,502	2,127
Guinea-Qatar	-	-
Guinea-Saudi Arabia	6,883	5,851
Guinea-Senegal	13,322	11,324
Guinea-Sierra Leone	248	211

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Guinea-Spain	58	49
Guinea-Switzerland	38	33
Guinea-Togo	18	15
Guinea-Tunisia	3,107	2,641
Guinea-Türkiye	278	236
Guinea-Bissau-Cabo Verde	-	-
Guinea-Bissau-Gambia	81	69
Guinea-Bissau-Mauritania	17	14
Guinea-Bissau-Morocco	-	-
Guinea-Bissau-Nigeria	11	9
Guinea-Bissau-Portugal	8,411	7,150
Guinea-Bissau-Senegal	1,739	1,478
Guinea-Bissau-Spain	63	54
Guinea-Bissau-Togo	-	-
Guyana-Antigua and Barbuda	33	28
Guyana-Barbados	2,788	2,370
Guyana-Brazil	16	13
Guyana-Colombia	19	16
Guyana-France	22	18
Guyana-Grenada	1,219	1,037
Guyana-Jamaica	47	40
Guyana-Panama	8,556	7,273
Guyana-Saint Lucia	20	17
Guyana-Saint Vincent and the Grenadines	11	9
Guyana-Suriname	1,707	1,451
Guyana-Trinidad and Tobago	13,351	11,349
Guyana-United States	41,506	35,280
Guyana-Venezuela (Bolivarian Republic of)	33	28
Haiti-Antigua and Barbuda	25	21
Haiti-Bahamas	47*	40*
Haiti-Belize	70	60
Haiti-Canada	6,254	5,316
Haiti-Cuba	633	538
Haiti-Dominican Republic	1,806	1,535
Haiti-France	4,639	3,943
Haiti-Guatemala	44	37
Haiti-Guyana	41	35
Haiti-Jamaica	356	303
Haiti-Netherlands	1,060	901
Haiti-Panama	3,694	3,140
Haiti-Senegal	685	583
Haiti-Trinidad and Tobago	62	53
Haiti-United Kingdom	245	209
Haiti-United States	66,281	56,339
Honduras-Bahamas	5	4

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Honduras-Canada	4,789	4,070
Honduras-Colombia	37	31
Honduras-Costa Rica	3,096	2,631
Honduras-Dominican Republic	7	6
Honduras-Ecuador	33	28
Honduras-El Salvador	9,912	8,425
Honduras-Guatemala	393	334
Honduras-Jamaica	13	11
Honduras-Mexico	5,274	4,483
Honduras-Nicaragua	467	397
Honduras-Panama	4,627	3,933
Honduras-Spain	10,679	9,077
Honduras-United Kingdom	1,072	911
Honduras-United States	111,437	94,722
Hungary-Afghanistan	198	168
Hungary-Albania	1,517	1,289
Hungary-Algeria	-	-
Hungary-Austria	4,715	4,007
Hungary-Azerbaijan	2,811	2,390
Hungary-Belarus	-	-
Hungary-Belgium	29,057	24,698
Hungary-Bosnia and Herzegovina	773	657
Hungary-Bulgaria	2,652	2,254
Hungary-Canada	22,340	18,989
Hungary-China	43,567	37,032
Hungary-Croatia	196	167
Hungary-Cyprus	7,524	6,395
Hungary-Czechia	10,658	9,060
Hungary-Democratic Republic of the Congo	39	33
Hungary-Denmark	11,443	9,726
Hungary-Egypt	15,214	12,932
Hungary-Estonia	4	3
Hungary-Finland	15,890	13,506
Hungary-France	48,136	40,916
Hungary-Georgia	2,733	2,323
Hungary-Germany	100,407	85,346
Hungary-Greece	18,784	15,966
Hungary-Iceland	5,193	4,414
Hungary-India	31	26
Hungary-Ireland	19,266	16,376
Hungary-Israel	39,344	33,443
Hungary-Italy	47,088	40,025
Hungary-Japan	-	-
Hungary-Jordan	2,369	2,014
Hungary-Kazakhstan	3,493	2,969

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Hungary-Kuwait	55	46
Hungary-Latvia	1,701	1,446
Hungary-Lebanon	11*	9*
Hungary-Lithuania	82	70
Hungary-Luxembourg	12,696	10,792
Hungary-Maldives	42	35
Hungary-Malta	5,444	4,627
Hungary-Montenegro	1,038	882
Hungary-Morocco	3,161	2,687
Hungary-Netherlands	34,637	29,442
Hungary-North Macedonia	1,124	955
Hungary-Norway	13,848	11,771
Hungary-Poland	14,018	11,916
Hungary-Portugal	20,970	17,825
Hungary-Qatar	-	-
Hungary-Republic of Korea	162*	137*
Hungary-Republic of Moldova	87	74
Hungary-Romania	7,283	6,191
Hungary-Russian Federation	41,557	35,324
Hungary-Saudi Arabia	107	91
Hungary-Serbia	3,279	2,787
Hungary-Slovakia	166	141
Hungary-Slovenia	64	55
Hungary-Spain	64,616	54,924
Hungary-Sweden	15,698	13,344
Hungary-Switzerland	22,237	18,902
Hungary-Tunisia	1,724	1,465
Hungary-Türkiye	31,836	27,061
Hungary-Turkmenistan	16	13
Hungary-Ukraine	7,067	6,007
Hungary-United Arab Emirates	47,468	40,348
Hungary-United Kingdom	150,141	127,619
Hungary-United States	61,329	52,130
Hungary-Uzbekistan	64	54
Iceland-Albania	92	79
Iceland-Austria	6,049	5,141
Iceland-Belgium	16,510	14,034
Iceland-Bulgaria	224	191
Iceland-Cabo Verde	225	191
Iceland-Canada	81,462	69,243
Iceland-China	291	247
Iceland-Croatia	240	204
Iceland-Czechia	1,946	1,654
Iceland-Denmark	50,263	42,723
Iceland-Estonia	10	9

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Iceland-Finland	22,715	19,307
Iceland-France	30,628	26,034
Iceland-Germany	72,348	61,496
Iceland-Greece	990	842
Iceland-Hungary	4,847	4,120
Iceland-India	1,739	1,478
Iceland-Ireland	16,352	13,899
Iceland-Israel	246	210
Iceland-Italy	4,987	4,239
Iceland-Japan	-	-
Iceland-Jordan	76*	65*
Iceland-Latvia	4,218	3,585
Iceland-Lithuania	2,357	2,004
Iceland-Luxembourg	262	223
Iceland-Malta	14	12
Iceland-Mexico	87	74
Iceland-Montenegro	94	80
Iceland-Morocco	255	216
Iceland-Netherlands	24,932	21,192
Iceland-Norway	28,423	24,159
Iceland-Poland	18,880	16,048
Iceland-Portugal	922	784
Iceland-Russian Federation	2,088	1,775
Iceland-Saudi Arabia	64*	54*
Iceland-Senegal	175	149
Iceland-Slovakia	93	79
Iceland-Slovenia	381	324
Iceland-Spain	41,306	35,110
Iceland-Sweden	17,572	14,937
Iceland-Switzerland	18,948	16,106
Iceland-Türkiye	567	482
Iceland-Ukraine	110	94
Iceland-United Arab Emirates	832	707
Iceland-United Kingdom	99,389	84,480
Iceland-United States	386,308	328,362
India-Afghanistan	20,680	17,578
India-Armenia	25	21
India-Australia	555*	472*
India-Austria	111,967	95,172
India-Azerbaijan	5,767	4,902
India-Bahrain	199,622	169,679
India-Bangladesh	43,791	37,223
India-Belarus	-	-
India-Belgium	977	831
India-Bhutan	13,705	11,649

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
India-Brunei Darussalam	34	29
India-Bulgaria	140	119
India-Cambodia	540	459
India-Canada	193,768	164,703
India-China	746,473	634,502
India-Cyprus	228	194
India-Czechia	65	55
India-Denmark	33,475	28,454
India-Djibouti	159	135
India-Egypt	17,406	14,795
India-Ethiopia	203,652*	173,104*
India-Finland	43,356	36,853
India-France	338,891	288,058
India-Georgia	939	798
India-Germany	981,104	833,938
India-Greece	505	429
India-Hungary	230	196
India-Iceland	1,715	1,458
India-Indonesia	20,081	17,069
India-Iran (Islamic Republic of)	136*	116*
India-Iraq	19,570	16,634
India-Ireland	165	141
India-Israel	22,322*	18,974*
India-Italy	145,937	124,046
India-Japan	156,304	132,859
India-Jordan	318	270
India-Kazakhstan	12,431	10,566
India-Kenya	37,992	32,294
India-Kuwait	258,797	219,977
India-Kyrgyzstan	316	268
India-Lao People's Democratic Republic	-	-
India-Latvia	40	34
India-Lebanon	2,507	2,131
India-Lithuania	22	18
India-Luxembourg	116,748	99,236
India-Madagascar	51	43
India-Malaysia	465,549	395,716
India-Maldives	30,690	26,087
India-Malta	34	28
India-Mauritius	49,894	42,410
India-Mongolia	409	348
India-Myanmar	10,088	8,574
India-Nepal	48,190	40,961
India-Netherlands	207,337	176,236
India-Oman	321,635	273,390

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
India-Pakistan	309	262
India-Philippines	1,906	1,620
India-Poland	-	-
India-Portugal	671	571
India-Qatar	571,596	485,856
India-Republic of Korea	79,218	67,335
India-Republic of Moldova	-	-
India-Russian Federation	124,601	105,911
India-Rwanda	17,072	14,511
India-Saudi Arabia	683,571	581,035
India-Seychelles	10,201	8,671
India-Singapore	748,844	636,518
India-Slovakia	51	43
India-South Africa	34*	29*
India-South Sudan	697	592
India-Spain	22,822	19,399
India-Sri Lanka	142,268	120,928
India-Sudan	-	-
India-Sweden	118*	101*
India-Switzerland	120,355	102,302
India-Tajikistan	75	64
India-Thailand	556,252	472,814
India-Türkiye	222,113	188,796
India-Turkmenistan	10,179	8,652
India-Uganda	367*	312*
India-Ukraine	30,975	26,329
India-United Arab Emirates	2,325,697	1,976,842
India-United Kingdom	1,038,338	882,588
India-United Republic of Tanzania	5,741	4,880
India-United States	164,533*	139,853*
India-Uzbekistan	13,326	11,327
India-Viet Nam	28,079	23,867
India-Zimbabwe	69	59
Indonesia-Australia	525,035	446,280
Indonesia-Azerbaijan	384	327
Indonesia-Bangladesh	87	74
Indonesia-Belgium	349	297
Indonesia-Brunei Darussalam	16,891	14,357
Indonesia-Cambodia	2,099	1,784
Indonesia-China	898,129	763,410
Indonesia-Ethiopia	816	693
Indonesia-France	379	322
Indonesia-Germany	357	303
Indonesia-India	11,561	9,827
Indonesia-Iran (Islamic Republic of)	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Indonesia-Iraq	93	79
Indonesia-Japan	373,797	317,727
Indonesia-Jordan	50	42
Indonesia-Kuwait	43	36
Indonesia-Madagascar	44	37
Indonesia-Malaysia	536,802	456,282
Indonesia-Maldives	337	286
Indonesia-Micronesia (Federated States of)	63	54
Indonesia-Mongolia	109	93
Indonesia-Myanmar	29	25
Indonesia-Nepal	79	67
Indonesia-Netherlands	102,471	87,100
Indonesia-New Zealand	64,119	54,501
Indonesia-Oman	-	-
Indonesia-Pakistan	49	42
Indonesia-Philippines	60,681	51,579
Indonesia-Portugal	272	231
Indonesia-Qatar	-	-
Indonesia-Republic of Korea	247,284	210,192
Indonesia-Russian Federation	35,545*	30,213*
Indonesia-Saudi Arabia	393,088*	334,125*
Indonesia-Seychelles	-	-
Indonesia-Singapore	623,598	530,058
Indonesia-Spain	1,975	1,679
Indonesia-Sri Lanka	15,222	12,939
Indonesia-Thailand	198,281	168,539
Indonesia-Timor-Leste	9,972	8,476
Indonesia-Türkiye	143,517	121,989
Indonesia-United Arab Emirates	397,326	337,727
Indonesia-United Kingdom	36,242	30,806
Indonesia-United Republic of Tanzania	92	79
Indonesia-United States	375	319
Indonesia-Uzbekistan	3,520	2,992
Indonesia-Viet Nam	24,320	20,672
Iran (Islamic Republic of)-Afghanistan	1,872*	1,591*
Iran (Islamic Republic of)-Armenia	11*	9*
Iran (Islamic Republic of)-Austria	13,166*	11,191*
Iran (Islamic Republic of)-Azerbaijan	3,465*	2,945*
Iran (Islamic Republic of)-Bahrain	-	-
Iran (Islamic Republic of)-Belarus	-	-
Iran (Islamic Republic of)-Bulgaria	-	-
Iran (Islamic Republic of)-China	141,325	120,126
Iran (Islamic Republic of)-Cyprus	-	-
Iran (Islamic Republic of)-France	-	-
Iran (Islamic Republic of)-Georgia	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Iran (Islamic Republic of)-Germany	66,337	56,387
Iran (Islamic Republic of)-India	19,328	16,429
Iran (Islamic Republic of)-Iraq	19,639*	16,693*
Iran (Islamic Republic of)-Italy	-	-
Iran (Islamic Republic of)-Jordan	33*	28*
Iran (Islamic Republic of)-Kazakhstan	-	-
Iran (Islamic Republic of)-Kuwait	15,684	13,332
Iran (Islamic Republic of)-Kyrgyzstan	-	-
Iran (Islamic Republic of)-Lebanon	-	-
Iran (Islamic Republic of)-Libya	318	270
Iran (Islamic Republic of)-Malaysia	-	-
Iran (Islamic Republic of)-Netherlands	-	-
Iran (Islamic Republic of)-Oman	14,712	12,505
Iran (Islamic Republic of)-Pakistan	-	-
Iran (Islamic Republic of)-Qatar	36,362	30,908
Iran (Islamic Republic of)-Romania	-	-
Iran (Islamic Republic of)-Russian Federation	30,881	26,249
Iran (Islamic Republic of)-Saudi Arabia	-	-
Iran (Islamic Republic of)-Serbia	-	-
Iran (Islamic Republic of)-Spain	-	-
Iran (Islamic Republic of)-Sweden	38*	32*
Iran (Islamic Republic of)-Syrian Arab Republic	-	-
Iran (Islamic Republic of)-Tajikistan	-	-
Iran (Islamic Republic of)-Thailand	-	-
Iran (Islamic Republic of)-Tunisia	-	-
Iran (Islamic Republic of)-Türkiye	300,742	255,631
Iran (Islamic Republic of)-Turkmenistan	-	-
Iran (Islamic Republic of)-Ukraine	6,677	5,675
Iran (Islamic Republic of)-United Arab Emirates	91,763	77,998
Iran (Islamic Republic of)-United Kingdom	-	-
Iran (Islamic Republic of)-Uzbekistan	40	34
Iran (Islamic Republic of)-Venezuela (Bolivarian Republic of)	-	-
Iran (Islamic Republic of)-Viet Nam	144	123
Iraq-Armenia	426*	362*
Iraq-Austria	10,245	8,708
Iraq-Azerbaijan	11,517	9,790
Iraq-Bahrain	15,965	13,570
Iraq-Belarus	1,667*	1,417*
Iraq-Belgium	165*	140*
Iraq-Bulgaria	2,329	1,980
Iraq-China	6,623	5,629
Iraq-Cyprus	174	148
Iraq-Czechia	57	49
Iraq-Denmark	6,938	5,897

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Iraq-Egypt	18,287	15,544
Iraq-France	417	355
Iraq-Georgia	15*	12*
Iraq-Germany	17,848	15,170
Iraq-Greece	197	168
Iraq-India	18,586*	15,798*
Iraq-Indonesia	93	79
Iraq-Iran (Islamic Republic of)	111,259	94,570
Iraq-Italy	15	13
Iraq-Japan	-	-
Iraq-Jordan	33,618	28,575
Iraq-Kazakhstan	-	-
Iraq-Kenya	427	363
Iraq-Kuwait	2,937	2,497
Iraq-Lebanon	28,636	24,341
Iraq-Malaysia	8,566	7,281
Iraq-Netherlands	1,541	1,310
Iraq-Norway	1,370	1,165
Iraq-Pakistan	4,829	4,105
Iraq-Poland	-	-
Iraq-Qatar	46,326	39,377
Iraq-Romania	2,745	2,334
Iraq-Russian Federation	2,828	2,404
Iraq-Saudi Arabia	45,253	38,465
Iraq-Spain	173*	147*
Iraq-Switzerland	15	13
Iraq-Syrian Arab Republic	4,838*	4,112*
Iraq-Tunisia	-	-
Iraq-Türkiye	155,807	132,436
Iraq-Turkmenistan	107	91
Iraq-Ukraine	1,052	894
Iraq-United Arab Emirates	78,594	66,805
Iraq-United Kingdom	183	156
Iraq-United Republic of Tanzania	-	-
Iraq-United States	-	-
Iraq-Uzbekistan	37	31
Ireland-Albania	21	18
Ireland-Antigua and Barbuda	76	65
Ireland-Armenia	35	30
Ireland-Austria	16,752	14,239
Ireland-Azerbaijan	152	130
Ireland-Bahamas	42	36
Ireland-Bangladesh	46	39
Ireland-Barbados	169	143
Ireland-Belarus	10*	9*

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Ireland-Belgium	22,710	19,304
Ireland-Brazil	261	222
Ireland-Bulgaria	9,335	7,935
Ireland-Cabo Verde	78	66
Ireland-Canada	162,423	138,060
Ireland-China	57,500	48,875
Ireland-Costa Rica	95	81
Ireland-Croatia	17,325	14,726
Ireland-Cuba	266	226
Ireland-Cyprus	3,793	3,224
Ireland-Czechia	11,104	9,438
Ireland-Denmark	11,999	10,199
Ireland-Djibouti	983	835
Ireland-Dominican Republic	868	738
Ireland-Egypt	391	332
Ireland-Estonia	1,398	1,188
Ireland-Ethiopia	523	445
Ireland-Finland	10,269	8,728
Ireland-France	98,790	83,972
Ireland-Germany	136,244	115,808
Ireland-Greece	20,402	17,342
Ireland-Hungary	17,302	14,707
Ireland-Iceland	14,496	12,322
Ireland-India	107	91
Ireland-Israel	1,811	1,539
Ireland-Italy	100,912	85,775
Ireland-Jordan	525	447
Ireland-Kazakhstan	45	38
Ireland-Kuwait	24,285	20,643
Ireland-Latvia	9,327	7,928
Ireland-Lebanon	421	357
Ireland-Lithuania	10,471	8,900
Ireland-Luxembourg	4,332	3,682
Ireland-Malta	8,216	6,984
Ireland-Mexico	1,321	1,123
Ireland-Montenegro	30	26
Ireland-Morocco	4,602	3,912
Ireland-Netherlands	56,008	47,607
Ireland-Nigeria	135	114
Ireland-Norway	7,628	6,484
Ireland-Peru	52	44
Ireland-Poland	54,167	46,042
Ireland-Portugal	85,528	72,699
Ireland-Qatar	40,583	34,496
Ireland-Republic of Moldova	99*	84*

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Ireland-Romania	19,539	16,608
Ireland-Russian Federation	12,069	10,259
Ireland-Saint Lucia	33	28
Ireland-Saudi Arabia	769	653
Ireland-Senegal	48	41
Ireland-Serbia	28	24
Ireland-Slovakia	6,836	5,811
Ireland-Slovenia	40	34
Ireland-Spain	319,028	271,174
Ireland-Sweden	9,975	8,478
Ireland-Switzerland	28,060	23,851
Ireland-Tunisia	8	7
Ireland-Türkiye	32,276	27,434
Ireland-Turkmenistan	48	41
Ireland-Ukraine	2,359	2,005
Ireland-United Arab Emirates	183,750	156,187
Ireland-United Kingdom	376,590	320,102
Ireland-United States	1,226,138	1,042,218
Israel-Albania	1,605	1,365
Israel-Angola	152	130
Israel-Armenia	2,098	1,784
Israel-Austria	65,171	55,396
Israel-Azerbaijan	16,808	14,287
Israel-Belarus	6,222	5,289
Israel-Belgium	120,177	102,150
Israel-Brazil	36,131	30,712
Israel-Bulgaria	33,123	28,155
Israel-Canada	112,991	96,042
Israel-Chad	58	49
Israel-China	207,368	176,262
Israel-Croatia	5,561	4,726
Israel-Cyprus	19,930	16,941
Israel-Czechia	37,945	32,253
Israel-Denmark	5,659	4,810
Israel-Egypt	3,148	2,676
Israel-Estonia	66	56
Israel-Ethiopia	24,126	20,507
Israel-Finland	10,215	8,682
Israel-France	190,530	161,951
Israel-Gabon	137	116
Israel-Georgia	25,690	21,837
Israel-Germany	180,854	153,726
Israel-Greece	73,528	62,499
Israel-Hungary	43,153	36,680
Israel-Iceland	911	774

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Israel-India	22,190*	18,861*
Israel-Ireland	890	757
Israel-Italy	153,124	130,155
Israel-Japan	564	479
Israel-Jordan	5,178	4,401
Israel-Kazakhstan	75	64
Israel-Kenya	69	58
Israel-Latvia	8,618	7,326
Israel-Lithuania	9,669	8,218
Israel-Luxembourg	12	10
Israel-Malta	5,075	4,313
Israel-Montenegro	3,263	2,774
Israel-Netherlands	77,604	65,963
Israel-North Macedonia	662	563
Israel-Norway	4,338	3,687
Israel-Poland	80,663	68,563
Israel-Portugal	20,953	17,810
Israel-Republic of Korea	40*	34*
Israel-Republic of Moldova	6,287	5,344
Israel-Romania	58,610	49,818
Israel-Russian Federation	156,949	133,407
Israel-Rwanda	-	-
Israel-Serbia	7,733	6,573
Israel-Seychelles	1,999	1,699
Israel-Slovakia	2,016	1,714
Israel-Slovenia	2,020	1,717
Israel-South Africa	24,880	21,148
Israel-Spain	144,089	122,475
Israel-Sweden	5,809	4,938
Israel-Switzerland	87,892	74,708
Israel-Thailand	109,331	92,931
Israel-Tunisia	83	71
Israel-Türkiye	136,880	116,348
Israel-Uganda	448	381
Israel-Ukraine	75,050	63,793
Israel-United Kingdom	203,839	173,263
Israel-United Republic of Tanzania	4,396	3,736
Israel-United States	851,417	723,705
Israel-Uzbekistan	11,138	9,468
Italy-Afghanistan	446	379
Italy-Albania	74,975	63,728
Italy-Algeria	12,380	10,523
Italy-Angola	265	225
Italy-Antigua and Barbuda	2,422	2,059
Italy-Argentina	194,840	165,614

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Italy-Armenia	450	383
Italy-Austria	83,365	70,860
Italy-Azerbaijan	23,294	19,800
Italy-Bahamas	2,830	2,405
Italy-Bahrain	17,779	15,112
Italy-Belarus	9,981	8,484
Italy-Belgium	184,600	156,910
Italy-Benin	37	32
Italy-Bolivia (Plurinational State of)	2,260	1,921
Italy-Bosnia and Herzegovina	192	163
Italy-Brazil	356,302	302,857
Italy-Bulgaria	28,777	24,460
Italy-Cabo Verde	20,058	17,049
Italy-Canada	268,409	228,148
Italy-Chad	173	147
Italy-Chile	83,987	71,389
Italy-China	700,820	595,697
Italy-Congo	22*	19*
Italy-Croatia	14,785	12,567
Italy-Cuba	64,562	54,878
Italy-Cyprus	9,441	8,025
Italy-Czechia	56,467	47,997
Italy-Democratic Republic of the Congo	634	539
Italy-Denmark	81,483	69,260
Italy-Djibouti	903*	768*
Italy-Dominican Republic	30,325	25,776
Italy-Egypt	182,988	155,540
Italy-Estonia	5,271	4,480
Italy-Ethiopia	47,687	40,534
Italy-Finland	49,130	41,760
Italy-France	581,048	493,891
Italy-Gabon	33	28
Italy-Georgia	10,223	8,689
Italy-Germany	778,162	661,438
Italy-Ghana	4,662	3,963
Italy-Greece	203,241	172,755
Italy-Hungary	46,500	39,525
Italy-Iceland	5,261	4,472
Italy-India	109,288	92,895
Italy-Indonesia	268	228
Italy-Iran (Islamic Republic of)	116*	99*
Italy-Iraq	357	304
Italy-Ireland	110,263	93,724
Italy-Israel	137,903	117,217
Italy-Jamaica	4,824	4,100

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Italy-Japan	320,604	272,513
Italy-Jordan	22,327	18,978
Italy-Kazakhstan	639	543
Italy-Kenya	18,282	15,539
Italy-Kuwait	29,694	25,240
Italy-Latvia	17,461	14,842
Italy-Lebanon	26,451	22,484
Italy-Libya	42	36
Italy-Lithuania	20,499	17,424
Italy-Luxembourg	31,931	27,141
Italy-Madagascar	12,414	10,552
Italy-Malaysia	305	259
Italy-Maldives	41,499	35,274
Italy-Malta	48,395	41,135
Italy-Mauritius	11,767	10,002
Italy-Mexico	71,723	60,964
Italy-Montenegro	4,962	4,217
Italy-Morocco	123,879	105,297
Italy-Mozambique	48	41
Italy-Myanmar	41	34
Italy-Netherlands	264,385	224,727
Italy-Niger	36	31
Italy-Nigeria	5,694	4,840
Italy-North Macedonia	4,957	4,213
Italy-Norway	39,602	33,662
Italy-Oman	61,402	52,192
Italy-Pakistan	1,006	855
Italy-Poland	122,754	104,341
Italy-Portugal	183,988	156,390
Italy-Qatar	279,103	237,238
Italy-Republic of Korea	380,399	323,339
Italy-Republic of Moldova	32,364	27,510
Italy-Romania	156,975	133,429
Italy-Russian Federation	367,283	312,191
Italy-Rwanda	149	127
Italy-Saudi Arabia	46,299	39,354
Italy-Senegal	17,221	14,638
Italy-Serbia	14,928	12,689
Italy-Singapore	114,516	97,339
Italy-Slovakia	8,141	6,920
Italy-Slovenia	1,356	1,153
Italy-South Africa	40,840*	34,714*
Italy-Spain	835,217	709,934
Italy-Sri Lanka	204	173
Italy-Sweden	56,637	48,141

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Italy-Switzerland	122,886	104,453
Italy-Tajikistan	274	233
Italy-Thailand	101,123	85,954
Italy-Togo	260	221
Italy-Trinidad and Tobago	175*	149*
Italy-Tunisia	22,257	18,918
Italy-Türkiye	176,284	149,841
Italy-Turkmenistan	39	33
Italy-Uganda	72	61
Italy-Ukraine	72,332	61,482
Italy-United Arab Emirates	544,379	462,722
Italy-United Kingdom	943,692	802,138
Italy-United Republic of Tanzania	30,145	25,623
Italy-United States	1,953,641	1,660,595
Italy-Uruguay	600	510
Italy-Uzbekistan	11,492	9,768
Italy-Venezuela (Bolivarian Republic of)	367	312
Italy-Viet Nam	2,838	2,412
Italy-Zambia	39	33
Jamaica-Antigua and Barbuda	1,990	1,692
Jamaica-Bahamas	1,845	1,569
Jamaica-Barbados	1,842	1,566
Jamaica-Belgium	6,456	5,488
Jamaica-Belize	294	250
Jamaica-Cabo Verde	51	44
Jamaica-Canada	112,088	95,274
Jamaica-Chile	201	171
Jamaica-Colombia	53	45
Jamaica-Costa Rica	12	10
Jamaica-Cuba	375	319
Jamaica-Dominican Republic	1,251	1,063
Jamaica-El Salvador	60	51
Jamaica-Germany	40,451	34,383
Jamaica-Guyana	47	40
Jamaica-Haiti	137	116
Jamaica-Honduras	27	23
Jamaica-Italy	8,531	7,251
Jamaica-Mexico	1,463	1,243
Jamaica-Netherlands	9,697	8,243
Jamaica-Nicaragua	110	93
Jamaica-Panama	7,179	6,102
Jamaica-Peru	474	403
Jamaica-Poland	905	769
Jamaica-Portugal	2,426	2,062
Jamaica-Russian Federation	2,863	2,433

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Jamaica-Saint Kitts and Nevis	18	15
Jamaica-Saint Lucia	22	19
Jamaica-Spain	335	285
Jamaica-Sweden	1,386	1,178
Jamaica-Trinidad and Tobago	3,612	3,070
Jamaica-Türkiye	310	263
Jamaica-United Kingdom	126,790	107,772
Jamaica-United States	377,746	321,084
Japan-Australia	565,368	480,562
Japan-Austria	48,895*	41,561*
Japan-Azerbaijan	27,802	23,632
Japan-Bangladesh	121	103
Japan-Belgium	-	-
Japan-Brunei Darussalam	7,356	6,253
Japan-Cambodia	33,779	28,712
Japan-Canada	354,388	301,230
Japan-China	5,535,912	4,705,525
Japan-Czechia	-	-
Japan-Denmark	78,400	66,640
Japan-Djibouti	-	-
Japan-Egypt	29,816	25,343
Japan-Estonia	137	116
Japan-Fiji	-	-
Japan-Finland	310,914	264,277
Japan-France	749,997	637,497
Japan-Germany	369,424*	314,011*
Japan-Greece	58*	49*
Japan-Hungary	-	-
Japan-Iceland	-	-
Japan-India	204,265	173,626
Japan-Indonesia	402,383	342,026
Japan-Iraq	-	-
Japan-Israel	760	646
Japan-Italy	171,441	145,725
Japan-Jordan	229*	194*
Japan-Kazakhstan	157	134
Japan-Kuwait	51	43
Japan-Lao People's Democratic Republic	205	174
Japan-Latvia	47	40
Japan-Malaysia	410,016	348,513
Japan-Maldives	9,729	8,270
Japan-Mexico	147,718	125,560
Japan-Mongolia	11,861	10,082
Japan-Myanmar	46*	39*
Japan-Nepal	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Japan-Netherlands	276,535	235,054
Japan-New Zealand	89,385	75,977
Japan-Norway	279	237
Japan-Oman	413	351
Japan-Palau	2,160	1,836
Japan-Papua New Guinea	1,742	1,480
Japan-Philippines	479,392	407,483
Japan-Poland	53,897	45,813
Japan-Portugal	-	-
Japan-Qatar	-	-
Japan-Republic of Korea	1,282,381	1,090,024
Japan-Romania	52	44
Japan-Russian Federation	162,709	138,303
Japan-Saudi Arabia	4,332	3,682
Japan-Singapore	1,060,079	901,067
Japan-Slovakia	48	41
Japan-Slovenia	-	-
Japan-Spain	63,000	53,550
Japan-Sri Lanka	27,110	23,044
Japan-Sweden	306	260
Japan-Switzerland	94,292	80,148
Japan-Thailand	1,395,167	1,185,892
Japan-Türkiye	102,636	87,240
Japan-Turkmenistan	949	806
Japan-Ukraine	197	167
Japan-United Arab Emirates	487,816	414,644
Japan-United Kingdom	494,461	420,292
Japan-United States	5,865,787	4,985,919
Japan-Uzbekistan	7,443	6,327
Japan-Viet Nam	606,725	515,716
Jordan-Afghanistan	700	595
Jordan-Albania	-	-
Jordan-Algeria	9,507	8,081
Jordan-Angola	23	20
Jordan-Armenia	150	127
Jordan-Austria	12,534	10,654
Jordan-Azerbaijan	341*	290*
Jordan-Bahrain	13,598	11,559
Jordan-Belarus	-	-
Jordan-Belgium	5,697	4,842
Jordan-Bosnia and Herzegovina	-	-
Jordan-Bulgaria	1,279	1,087
Jordan-Canada	-	-
Jordan-Chad	-	-
Jordan-China	12,348*	10,495*

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Jordan-Congo	30	26
Jordan-Croatia	-	-
Jordan-Cyprus	3,467	2,947
Jordan-Czechia	3,321*	2,822*
Jordan-Democratic Republic of the Congo	70	59
Jordan-Denmark	7,962	6,768
Jordan-Djibouti	167	142
Jordan-Egypt	42,051	35,743
Jordan-Eritrea	88	75
Jordan-Ethiopia	130	111
Jordan-France	29,502	25,077
Jordan-Georgia	218*	185*
Jordan-Germany	43,505	36,979
Jordan-Ghana	166	141
Jordan-Greece	7,356	6,253
Jordan-Hungary	2,737	2,326
Jordan-Iceland	48	41
Jordan-India	460	391
Jordan-Indonesia	48	41
Jordan-Iran (Islamic Republic of)	-	-
Jordan-Iraq	31,975	27,179
Jordan-Ireland	1,202	1,021
Jordan-Israel	4,502	3,827
Jordan-Italy	24,407	20,746
Jordan-Kenya	1,358*	1,154*
Jordan-Kuwait	35,061	29,802
Jordan-Lebanon	17,627	14,983
Jordan-Libya	4,800	4,080
Jordan-Lithuania	3,240	2,754
Jordan-Luxembourg	126	107
Jordan-Maldives	533	453
Jordan-Mali	-	-
Jordan-Malta	1,944	1,652
Jordan-Montenegro	13	11
Jordan-Morocco	5,584	4,746
Jordan-Netherlands	14,736	12,525
Jordan-Niger	-	-
Jordan-Nigeria	594	505
Jordan-Norway	196*	167*
Jordan-Oman	11,677	9,926
Jordan-Pakistan	-	-
Jordan-Poland	6,093	5,179
Jordan-Portugal	109*	92*
Jordan-Qatar	45,564	38,730
Jordan-Republic of Korea	678	576

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Jordan-Romania	6,429	5,465
Jordan-Russian Federation	10,280	8,738
Jordan-Saudi Arabia	76,512	65,035
Jordan-Singapore	202*	172*
Jordan-Slovakia	648	551
Jordan-Slovenia	101	86
Jordan-Somalia	122	104
Jordan-South Africa	44	38
Jordan-Spain	16,222	13,789
Jordan-Sri Lanka	161	137
Jordan-Sudan	543	461
Jordan-Sweden	52	44
Jordan-Switzerland	6,637	5,642
Jordan-Thailand	38*	32*
Jordan-Togo	44	37
Jordan-Tunisia	108*	92*
Jordan-Türkiye	78,588	66,800
Jordan-Uganda	139	118
Jordan-Ukraine	3,681*	3,129*
Jordan-United Arab Emirates	152,509	129,632
Jordan-United Kingdom	44,959	38,215
Jordan-United Republic of Tanzania	16	13
Jordan-United States	734*	624*
Kazakhstan-Armenia	12*	10*
Kazakhstan-Austria	190	162
Kazakhstan-Azerbaijan	19,135	16,265
Kazakhstan-Bahrain	70	60
Kazakhstan-Belarus	22,611	19,220
Kazakhstan-Belgium	5,142	4,371
Kazakhstan-Bulgaria	111	94
Kazakhstan-China	191,954	163,161
Kazakhstan-Croatia	29	25
Kazakhstan-Cyprus	88	75
Kazakhstan-Czechia	2,552	2,169
Kazakhstan-Denmark	173	147
Kazakhstan-Egypt	25,829	21,955
Kazakhstan-Estonia	30	26
Kazakhstan-Ethiopia	116	98
Kazakhstan-Finland	632	537
Kazakhstan-France	9,573	8,137
Kazakhstan-Gabon	51	43
Kazakhstan-Georgia	12,246	10,409
Kazakhstan-Germany	159,119	135,251
Kazakhstan-Greece	971	826
Kazakhstan-Hungary	3,752	3,189

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Kazakhstan-Iceland	122	104
Kazakhstan-India	12,101	10,286
Kazakhstan-Iran (Islamic Republic of)	-	-
Kazakhstan-Israel	57	48
Kazakhstan-Italy	5,379	4,572
Kazakhstan-Japan	586	498
Kazakhstan-Kuwait	30	26
Kazakhstan-Kyrgyzstan	4,166	3,541
Kazakhstan-Latvia	2,695	2,291
Kazakhstan-Lebanon	77*	65*
Kazakhstan-Lithuania	67	57
Kazakhstan-Luxembourg	8,304	7,059
Kazakhstan-Malaysia	14,933	12,693
Kazakhstan-Maldives	105	89
Kazakhstan-Malta	32	27
Kazakhstan-Mauritius	-	-
Kazakhstan-Mongolia	28*	24*
Kazakhstan-Netherlands	8,938	7,597
Kazakhstan-Nigeria	41	35
Kazakhstan-Norway	24	20
Kazakhstan-Oman	1,009	858
Kazakhstan-Philippines	35	29
Kazakhstan-Poland	38*	32*
Kazakhstan-Qatar	-	-
Kazakhstan-Republic of Korea	40,742	34,631
Kazakhstan-Romania	90	76
Kazakhstan-Russian Federation	213,963	181,869
Kazakhstan-Saudi Arabia	1,172	996
Kazakhstan-Serbia	111	95
Kazakhstan-Singapore	806	685
Kazakhstan-Slovakia	45	38
Kazakhstan-Slovenia	47	40
Kazakhstan-Spain	8,609	7,317
Kazakhstan-Sweden	69	58
Kazakhstan-Switzerland	423	360
Kazakhstan-Tajikistan	4,450	3,783
Kazakhstan-Thailand	23,647	20,100
Kazakhstan-Türkiye	186,870	158,839
Kazakhstan-Turkmenistan	2,843	2,417
Kazakhstan-Ukraine	40,949	34,807
Kazakhstan-United Arab Emirates	58,042	49,336
Kazakhstan-United Kingdom	18,399	15,639
Kazakhstan-United States	636	541
Kazakhstan-Uzbekistan	17,508	14,882
Kazakhstan-Viet Nam	91	77

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Kenya-Angola	1,009	858
Kenya-Azerbaijan	172	146
Kenya-Bahrain	10,085	8,572
Kenya-Belgium	93,306	79,310
Kenya-Benin	-	-
Kenya-Burundi	-	-
Kenya-Cameroon	12*	10*
Kenya-Central African Republic	-	-
Kenya-Chad	90*	77*
Kenya-China	32,700	27,795
Kenya-Comoros	-	-
Kenya-Congo	-	-
Kenya-Cyprus	-	-
Kenya-Democratic Republic of the Congo	14,606	12,415
Kenya-Denmark	33	28
Kenya-Djibouti	-	-
Kenya-Egypt	22,564	19,179
Kenya-Eritrea	-	-
Kenya-Ethiopia	48,631	41,336
Kenya-France	104,185	88,557
Kenya-Gabon	-	-
Kenya-Germany	79,170	67,294
Kenya-Ghana	16,182	13,755
Kenya-India	37,592	31,953
Kenya-Italy	29,723*	25,264*
Kenya-Jordan	-	-
Kenya-Kuwait	-	-
Kenya-Lao People's Democratic Republic	41*	35*
Kenya-Luxembourg	580	493
Kenya-Madagascar	-	-
Kenya-Malawi	2,116*	1,798*
Kenya-Malaysia	222*	189*
Kenya-Mali	-	-
Kenya-Mauritius	13,397	11,388
Kenya-Mozambique	8,808	7,487
Kenya-Netherlands	374,500	318,325
Kenya-Nigeria	19,082	16,219
Kenya-Oman	10,914	9,277
Kenya-Poland	-	-
Kenya-Portugal	39	33
Kenya-Qatar	-	-
Kenya-Rwanda	12,609	10,718
Kenya-Saudi Arabia	53,196	45,217
Kenya-Senegal	229	194
Kenya-Seychelles	6,618	5,625

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Kenya-Singapore	221	188
Kenya-Somalia	4,864	4,135
Kenya-South Africa	69,105	58,740
Kenya-South Sudan	-	-
Kenya-Spain	828	704
Kenya-Sri Lanka	51	43
Kenya-Sudan	4,122	3,504
Kenya-Switzerland	37*	31*
Kenya-Thailand	-	-
Kenya-Tunisia	100	85
Kenya-Türkiye	73,050	62,092
Kenya-Uganda	18,897	16,062
Kenya-United Arab Emirates	162,003	137,703
Kenya-United Kingdom	172,106	146,290
Kenya-United Republic of Tanzania	32,391	27,532
Kenya-United States	-	-
Kenya-Zambia	-	-
Kenya-Zimbabwe	32*	27*
Kiribati-Fiji	-	-
Kiribati-United States	-	-
Kuwait-Afghanistan	609	517
Kuwait-Albania	42	36
Kuwait-Algeria	26	22
Kuwait-Angola	55	47
Kuwait-Armenia	35	30
Kuwait-Australia	53	45
Kuwait-Austria	1,693	1,439
Kuwait-Azerbaijan	7,177	6,101
Kuwait-Bahrain	35,975	30,579
Kuwait-Bangladesh	86,766	73,751
Kuwait-Belarus	-	-
Kuwait-Belgium	892	758
Kuwait-Bulgaria	1,495	1,270
Kuwait-China	30,658	26,059
Kuwait-Cyprus	196	167
Kuwait-Czechia	66	56
Kuwait-Denmark	20	17
Kuwait-Djibouti	593	504
Kuwait-Egypt	181,607	154,366
Kuwait-Estonia	84*	71*
Kuwait-Ethiopia	10,457	8,888
Kuwait-Finland	51	43
Kuwait-France	30,678	26,076
Kuwait-Georgia	2,907	2,471
Kuwait-Germany	104,766	89,051

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Kuwait-Greece	248	210
Kuwait-Hungary	100	85
Kuwait-Iceland	69	58
Kuwait-India	255,600	217,260
Kuwait-Iran (Islamic Republic of)	6,470*	5,499*
Kuwait-Iraq	5,462	4,643
Kuwait-Ireland	19,276	16,385
Kuwait-Italy	29,923	25,435
Kuwait-Japan	652	554
Kuwait-Jordan	35,678	30,326
Kuwait-Kazakhstan	146	124
Kuwait-Kenya	2,710	2,304
Kuwait-Kyrgyzstan	431	366
Kuwait-Latvia	44*	37*
Kuwait-Lebanon	30,560	25,976
Kuwait-Malaysia	196	167
Kuwait-Maldives	43	37
Kuwait-Malta	16	14
Kuwait-Montenegro	81	69
Kuwait-Morocco	316	268
Kuwait-Nepal	1,034	879
Kuwait-Netherlands	32,987	28,039
Kuwait-Norway	202	172
Kuwait-Oman	20,395	17,336
Kuwait-Pakistan	17,459	14,840
Kuwait-Philippines	87,575	74,439
Kuwait-Poland	295	251
Kuwait-Portugal	24	20
Kuwait-Qatar	93,629	79,584
Kuwait-Republic of Korea	6,351	5,398
Kuwait-Romania	242	206
Kuwait-Russian Federation	342	291
Kuwait-Rwanda	138	117
Kuwait-Saudi Arabia	107,688	91,535
Kuwait-Serbia	110	93
Kuwait-Seychelles	24	20
Kuwait-South Africa	89	76
Kuwait-Spain	3,677	3,125
Kuwait-Sri Lanka	62,526	53,147
Kuwait-Sudan	59	50
Kuwait-Sweden	154	131
Kuwait-Switzerland	7,134	6,064
Kuwait-Syrian Arab Republic	3,419	2,906
Kuwait-Thailand	63,628	54,084
Kuwait-Tunisia	240	204

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Kuwait-Türkiye	113,699	96,644
Kuwait-Ukraine	119	101
Kuwait-United Arab Emirates	169,653	144,205
Kuwait-United Kingdom	140,022	119,019
Kuwait-United States	114,461	97,292
Kuwait-Viet Nam	9,726	8,267
Kyrgyzstan-Afghanistan	-	-
Kyrgyzstan-Azerbaijan	512*	435*
Kyrgyzstan-Belarus	-	-
Kyrgyzstan-Belgium	158	135
Kyrgyzstan-China	57,011	48,459
Kyrgyzstan-Czechia	26	22
Kyrgyzstan-Egypt	493	419
Kyrgyzstan-France	33	28
Kyrgyzstan-Germany	17	14
Kyrgyzstan-India	261	222
Kyrgyzstan-Iran (Islamic Republic of)	-	-
Kyrgyzstan-Japan	199	169
Kyrgyzstan-Kazakhstan	3,743	3,181
Kyrgyzstan-Kuwait	488*	415*
Kyrgyzstan-Mongolia	4,695	3,991
Kyrgyzstan-Norway	147	125
Kyrgyzstan-Pakistan	-	-
Kyrgyzstan-Qatar	-	-
Kyrgyzstan-Republic of Korea	142	121
Kyrgyzstan-Russian Federation	143,352	121,849
Kyrgyzstan-Saudi Arabia	3,808	3,237
Kyrgyzstan-Switzerland	18	16
Kyrgyzstan-Tajikistan	331	282
Kyrgyzstan-Türkiye	88,358	75,104
Kyrgyzstan-Turkmenistan	559*	475*
Kyrgyzstan-Ukraine	70	60
Kyrgyzstan-United Arab Emirates	15,486	13,163
Kyrgyzstan-Uzbekistan	1,703	1,447
Kyrgyzstan-Viet Nam	107	91
Lao People's Democratic Republic-Brunei Darussalam	-	-
Lao People's Democratic Republic-Cambodia	8,183	6,956
Lao People's Democratic Republic-China	40,906	34,770
Lao People's Democratic Republic-Germany	54	46
Lao People's Democratic Republic-India	-	-
Lao People's Democratic Republic-Japan	155	132
Lao People's Democratic Republic-Kazakhstan	22	19
Lao People's Democratic Republic-Kenya	45	38
Lao People's Democratic Republic-Malaysia	10*	8*
Lao People's Democratic Republic-Myanmar	34	29

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Lao People's Democratic Republic-Philippines	16	14
Lao People's Democratic Republic-Qatar	-	-
Lao People's Democratic Republic-Republic of Korea	57,337	48,737
Lao People's Democratic Republic-Russian Federation	34	28
Lao People's Democratic Republic-Singapore	3,256	2,767
Lao People's Democratic Republic-Thailand	32,997	28,047
Lao People's Democratic Republic-United States	80	68
Lao People's Democratic Republic-Viet Nam	9,482	8,059
Latvia-Afghanistan	7,684	6,531
Latvia-Albania	43*	36*
Latvia-Austria	7,113	6,046
Latvia-Azerbaijan	1,271	1,080
Latvia-Belarus	2,426	2,062
Latvia-Belgium	10,962	9,318
Latvia-Bulgaria	1,580	1,343
Latvia-Canada	554	471
Latvia-China	269	229
Latvia-Croatia	1,887	1,604
Latvia-Cyprus	4,755	4,041
Latvia-Czechia	5,271	4,481
Latvia-Denmark	12,886	10,953
Latvia-Egypt	5,120	4,352
Latvia-Estonia	5,909	5,023
Latvia-Finland	11,251	9,563
Latvia-France	13,225	11,241
Latvia-Georgia	7,284	6,191
Latvia-Germany	53,045	45,089
Latvia-Greece	7,400	6,290
Latvia-Hungary	1,813	1,541
Latvia-Iceland	4,582	3,894
Latvia-Ireland	10,076	8,564
Latvia-Israel	8,135	6,914
Latvia-Italy	17,861	15,181
Latvia-Japan	141	120
Latvia-Jordan	33	28
Latvia-Kazakhstan	2,552	2,169
Latvia-Lithuania	9,776	8,309
Latvia-Madagascar	466	396
Latvia-Malta	3,837	3,262
Latvia-Montenegro	378	321
Latvia-Netherlands	11,348	9,646
Latvia-North Macedonia	33	28
Latvia-Norway	19,359	16,455
Latvia-Oman	93*	79*
Latvia-Poland	8,901	7,566

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Latvia-Portugal	3,119	2,651
Latvia-Republic of Korea	541	460
Latvia-Republic of Moldova	9	8
Latvia-Romania	81	69
Latvia-Russian Federation	45,036	38,280
Latvia-Senegal	57	49
Latvia-Serbia	45	38
Latvia-Singapore	55	47
Latvia-Slovakia	246	209
Latvia-Slovenia	63	54
Latvia-Spain	20,531	17,451
Latvia-Sweden	10,944	9,302
Latvia-Switzerland	10,008	8,506
Latvia-Togo	58	50
Latvia-Tunisia	358	304
Latvia-Türkiye	17,337	14,736
Latvia-Ukraine	16,039	13,634
Latvia-United Arab Emirates	3,848	3,271
Latvia-United Kingdom	50,348	42,796
Latvia-United States	281	239
Latvia-Uzbekistan	4,433	3,768
Lebanon-Algeria	-	-
Lebanon-Armenia	3,312	2,815
Lebanon-Austria	183	156
Lebanon-Azerbaijan	69	59
Lebanon-Bahrain	15,337	13,036
Lebanon-Bangladesh	161	137
Lebanon-Belarus	-	-
Lebanon-Belgium	-	-
Lebanon-Bosnia and Herzegovina	-	-
Lebanon-Bulgaria	592*	503*
Lebanon-China	48	41
Lebanon-Congo	18	15
Lebanon-Côte d'Ivoire	-	-
Lebanon-Croatia	-	-
Lebanon-Cyprus	6,051	5,143
Lebanon-Czechia	2,682	2,280
Lebanon-Denmark	1,875*	1,594*
Lebanon-Egypt	29,318	24,921
Lebanon-Equatorial Guinea	275	234
Lebanon-Ethiopia	24,145	20,523
Lebanon-Finland	124	106
Lebanon-France	108,172	91,946
Lebanon-Georgia	47	40
Lebanon-Germany	46,306	39,360

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Lebanon-Ghana	552*	469*
Lebanon-Greece	11,527	9,798
Lebanon-Hungary	14	12
Lebanon-India	2,164	1,839
Lebanon-Iran (Islamic Republic of)	-	-
Lebanon-Iraq	28,196	23,967
Lebanon-Ireland	492	419
Lebanon-Italy	29,453	25,035
Lebanon-Japan	54	46
Lebanon-Jordan	21,209	18,027
Lebanon-Kazakhstan	68*	58*
Lebanon-Kenya	25	21
Lebanon-Kuwait	28,813	24,491
Lebanon-Latvia	109	93
Lebanon-Libya	123	105
Lebanon-Lithuania	12	10
Lebanon-Luxembourg	14	12
Lebanon-Malaysia	40	34
Lebanon-Malta	44	37
Lebanon-Mauritius	39	33
Lebanon-Montenegro	-	-
Lebanon-Morocco	-	-
Lebanon-Namibia	39	33
Lebanon-Netherlands	5,673	4,822
Lebanon-Nigeria	-	-
Lebanon-North Macedonia	8	7
Lebanon-Norway	33	28
Lebanon-Oman	365	311
Lebanon-Poland	-	-
Lebanon-Portugal	53	45
Lebanon-Qatar	67,258	57,170
Lebanon-Republic of Korea	856	727
Lebanon-Romania	3,847	3,270
Lebanon-Russian Federation	6,171	5,245
Lebanon-Saudi Arabia	92,451	78,583
Lebanon-Serbia	4,719	4,011
Lebanon-Spain	12,754	10,841
Lebanon-Sweden	951	808
Lebanon-Switzerland	14,094	11,980
Lebanon-Tunisia	3,225	2,742
Lebanon-Türkiye	70,117	59,600
Lebanon-Ukraine	186	158
Lebanon-United Arab Emirates	171,734	145,974
Lebanon-United Kingdom	57,905	49,219
Lebanon-United Republic of Tanzania	99	84

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Lebanon-United States	313	266
Lesotho-Kenya	31	26
Lesotho-Mozambique	-	-
Lesotho-South Africa	6,867	5,837
Liberia-Belgium	24,576	20,890
Liberia-Burkina Faso	28	24
Liberia-Cameroon	-	-
Liberia-Côte d'Ivoire	1,834	1,559
Liberia-Democratic Republic of the Congo	17	15
Liberia-France	15	13
Liberia-Gabon	11*	9*
Liberia-Gambia	-	-
Liberia-Ghana	9,038	7,683
Liberia-Guinea	103	87
Liberia-Malta	19	16
Liberia-Morocco	-	-
Liberia-Netherlands	801	681
Liberia-Nigeria	11*	9*
Liberia-Senegal	135	114
Liberia-Sierra Leone	1,994	1,695
Liberia-Spain	25	22
Liberia-Togo	8*	7*
Liberia-Türkiye	103	88
Libya-Angola	330	281
Libya-Austria	20	17
Libya-Bangladesh	-	-
Libya-Belgium	24*	20*
Libya-Bulgaria	-	-
Libya-Egypt	8,236	7,000
Libya-Germany	20*	17*
Libya-Ghana	37	31
Libya-Greece	5	4
Libya-Italy	42	36
Libya-Jordan	8,014	6,812
Libya-Malta	139	118
Libya-Niger	1,700	1,445
Libya-Nigeria	11	9
Libya-Russian Federation	59	50
Libya-Saudi Arabia	14,185	12,057
Libya-Sudan	996	847
Libya-Tunisia	21,627*	18,383*
Libya-Türkiye	29,694	25,240
Libya-United Arab Emirates	432	367
Libya-United Kingdom	79	67
Libya-Viet Nam	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Lithuania-Albania	175*	149*
Lithuania-Austria	3,954	3,361
Lithuania-Azerbaijan	26	22
Lithuania-Belarus	1,377	1,171
Lithuania-Belgium	6,340	5,389
Lithuania-Bulgaria	1,918	1,630
Lithuania-China	63	54
Lithuania-Croatia	61*	52*
Lithuania-Cyprus	4,233	3,598
Lithuania-Czechia	1,019	866
Lithuania-Denmark	14,866	12,636
Lithuania-Egypt	14,416	12,254
Lithuania-Estonia	3,460	2,941
Lithuania-Finland	5,853	4,975
Lithuania-France	11,203	9,522
Lithuania-Georgia	2,864	2,434
Lithuania-Germany	36,692	31,188
Lithuania-Greece	10,353	8,800
Lithuania-Hungary	81	69
Lithuania-Iceland	2,682	2,280
Lithuania-Ireland	11,525	9,796
Lithuania-Israel	9,296	7,902
Lithuania-Italy	21,274	18,083
Lithuania-Jordan	3,155	2,682
Lithuania-Kazakhstan	80	68
Lithuania-Latvia	10,083	8,570
Lithuania-Luxembourg	61	52
Lithuania-Madagascar	475	403
Lithuania-Malta	2,632	2,237
Lithuania-Montenegro	395	336
Lithuania-Morocco	598	508
Lithuania-Netherlands	10,379	8,822
Lithuania-Norway	18,161	15,437
Lithuania-Poland	10,638	9,042
Lithuania-Portugal	2,237	1,901
Lithuania-Republic of Moldova	-	-
Lithuania-Romania	259	221
Lithuania-Russian Federation	11,397	9,688
Lithuania-Rwanda	-	-
Lithuania-Serbia	94	80
Lithuania-Singapore	56	47
Lithuania-Slovakia	80	68
Lithuania-Slovenia	20	17
Lithuania-Spain	22,249	18,912
Lithuania-Sweden	7,262	6,173

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Lithuania-Switzerland	189	160
Lithuania-Tajikistan	35	30
Lithuania-Tunisia	1,077	915
Lithuania-Türkiye	34,220	29,087
Lithuania-Turkmenistan	29	25
Lithuania-Uganda	192	163
Lithuania-Ukraine	10,274	8,733
Lithuania-United Arab Emirates	1,002	851
Lithuania-United Kingdom	68,820	58,497
Lithuania-United Republic of Tanzania	142	121
Lithuania-United States	213	181
Luxembourg-Afghanistan	227	193
Luxembourg-Argentina	-	-
Luxembourg-Austria	7,119	6,051
Luxembourg-Azerbaijan	63,878	54,296
Luxembourg-Bahrain	15,491	13,167
Luxembourg-Belgium	78	66
Luxembourg-Brazil	101,502*	86,276*
Luxembourg-Bulgaria	1,884	1,601
Luxembourg-Burkina Faso	9,270	7,880
Luxembourg-Cabo Verde	1,374	1,168
Luxembourg-Cameroon	4,349	3,696
Luxembourg-Canada	2,907	2,471
Luxembourg-Chad	2,747	2,335
Luxembourg-China	185,124	157,356
Luxembourg-Colombia	283	240
Luxembourg-Congo	806	685
Luxembourg-Côte d'Ivoire	8,245	7,008
Luxembourg-Croatia	604	513
Luxembourg-Cyprus	89	75
Luxembourg-Czechia	513	436
Luxembourg-Democratic Republic of the Congo	15,842	13,465
Luxembourg-Denmark	4,560	3,876
Luxembourg-Egypt	4,314	3,666
Luxembourg-Estonia	99	84
Luxembourg-Finland	130	110
Luxembourg-France	16,239	13,803
Luxembourg-Georgia	12,146	10,324
Luxembourg-Germany	22,129	18,810
Luxembourg-Ghana	1,935	1,645
Luxembourg-Greece	6,491	5,518
Luxembourg-Guatemala	352	300
Luxembourg-Hungary	414	352
Luxembourg-Iceland	129	110
Luxembourg-India	116,510	99,034

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Luxembourg-Indonesia	900	765
Luxembourg-Iraq	532	452
Luxembourg-Ireland	4,949	4,206
Luxembourg-Israel	20	17
Luxembourg-Italy	24,617	20,924
Luxembourg-Japan	33,270	28,279
Luxembourg-Jordan	5,904*	5,019*
Luxembourg-Kazakhstan	19,355	16,452
Luxembourg-Kenya	166	141
Luxembourg-Kuwait	28,031	23,826
Luxembourg-Lebanon	11,428	9,714
Luxembourg-Lithuania	38	33
Luxembourg-Malaysia	26,980	22,933
Luxembourg-Mali	9,958	8,464
Luxembourg-Malta	2,208	1,877
Luxembourg-Mexico	59,370*	50,465*
Luxembourg-Montenegro	73*	62*
Luxembourg-Morocco	2,640	2,244
Luxembourg-Netherlands	5,884	5,002
Luxembourg-Nigeria	18,671	15,871
Luxembourg-Norway	213	181
Luxembourg-Oman	15,427*	13,113*
Luxembourg-Philippines	625	531
Luxembourg-Poland	4,973	4,227
Luxembourg-Portugal	47,653	40,505
Luxembourg-Qatar	17,833*	15,158*
Luxembourg-Republic of Korea	14,755	12,542
Luxembourg-Russian Federation	549	467
Luxembourg-Saudi Arabia	28,903	24,568
Luxembourg-Serbia	98	83
Luxembourg-Singapore	49,962	42,468
Luxembourg-Slovakia	28	24
Luxembourg-Slovenia	26	22
Luxembourg-South Africa	20,072	17,061
Luxembourg-Spain	50,242	42,706
Luxembourg-Suriname	-	-
Luxembourg-Sweden	363	309
Luxembourg-Switzerland	7,004	5,954
Luxembourg-Thailand	35,819	30,446
Luxembourg-Tunisia	3,864	3,284
Luxembourg-Türkiye	10,464	8,894
Luxembourg-Turkmenistan	29,655	25,206
Luxembourg-Ukraine	74	63
Luxembourg-United Arab Emirates	127,172	108,096
Luxembourg-United Kingdom	25,147	21,375

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Luxembourg-United States	423,201	359,721
Luxembourg-Viet Nam	936	796
Madagascar-Belgium	189	161
Madagascar-Comoros	2,330	1,980
Madagascar-Djibouti	36	31
Madagascar-Egypt	826	702
Madagascar-Ethiopia	11,553	9,820
Madagascar-France	116,037	98,631
Madagascar-Germany	439	373
Madagascar-Ghana	53	45
Madagascar-Greece	1,042	885
Madagascar-Italy	10,594	9,005
Madagascar-Kenya	17,954	15,261
Madagascar-Latvia	152	129
Madagascar-Lesotho	-	-
Madagascar-Lithuania	497	422
Madagascar-Malaysia	38	33
Madagascar-Maldives	42	36
Madagascar-Mauritius	15,386	13,078
Madagascar-Mozambique	29	24
Madagascar-Namibia	35	30
Madagascar-Poland	3,735	3,175
Madagascar-Russian Federation	156	132
Madagascar-Senegal	173	147
Madagascar-Seychelles	646	549
Madagascar-South Africa	8,326	7,077
Madagascar-Switzerland	179	152
Madagascar-Türkiye	6,940	5,899
Madagascar-United Arab Emirates	495	420
Madagascar-United Republic of Tanzania	263	223
Madagascar-Zambia	15	13
Malawi-Cameroon	-	-
Malawi-Chad	16	14
Malawi-Democratic Republic of the Congo	822	699
Malawi-Egypt	28	23
Malawi-Ethiopia	17,399	14,789
Malawi-Kenya	9,789	8,320
Malawi-Madagascar	-	-
Malawi-Saudi Arabia	119*	101*
Malawi-Seychelles	-	-
Malawi-South Africa	10,148	8,626
Malawi-Sri Lanka	-	-
Malawi-Uganda	132*	112*
Malawi-Zambia	338*	287*
Malaysia-Australia	612,721	520,813

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Malaysia-Azerbaijan	16,783	14,266
Malaysia-Bangladesh	93,567	79,532
Malaysia-Bhutan	-	-
Malaysia-Brunei Darussalam	35,091	29,828
Malaysia-Bulgaria	389	331
Malaysia-Cambodia	47,161	40,087
Malaysia-China	1,510,445	1,283,878
Malaysia-Democratic Republic of the Congo	766	651
Malaysia-France	112	95
Malaysia-Georgia	84	71
Malaysia-Germany	23,065	19,605
Malaysia-Greece	935	795
Malaysia-India	464,569	394,884
Malaysia-Indonesia	573,196	487,217
Malaysia-Iran (Islamic Republic of)	-	-
Malaysia-Iraq	8,739	7,428
Malaysia-Italy	57	48
Malaysia-Japan	380,470	323,400
Malaysia-Kazakhstan	16,233	13,798
Malaysia-Kenya	1,081	919
Malaysia-Lao People's Democratic Republic	15*	12*
Malaysia-Lebanon	50	42
Malaysia-Madagascar	38	33
Malaysia-Malawi	331*	282*
Malaysia-Maldives	17,098	14,533
Malaysia-Myanmar	25*	21*
Malaysia-Nepal	-	-
Malaysia-Netherlands	120,848	102,721
Malaysia-New Zealand	70,146	59,624
Malaysia-Oman	84,059	71,450
Malaysia-Pakistan	14,054	11,946
Malaysia-Palau	34	29
Malaysia-Philippines	109,327	92,928
Malaysia-Qatar	190,635	162,040
Malaysia-Republic of Korea	464,753	395,040
Malaysia-Russian Federation	34	29
Malaysia-Saudi Arabia	427,812	363,640
Malaysia-Singapore	251,627	213,883
Malaysia-South Africa	1,068	908
Malaysia-Sri Lanka	50,496	42,922
Malaysia-Sudan	-	-
Malaysia-Switzerland	62	52
Malaysia-Thailand	261,740	222,479
Malaysia-Türkiye	76,589	65,101
Malaysia-Turkmenistan	13,469	11,449

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Malaysia-Ukraine	480	408
Malaysia-United Arab Emirates	302,499	257,124
Malaysia-United Kingdom	89,567*	76,132*
Malaysia-United States	56	48
Malaysia-Uzbekistan	7,079	6,017
Malaysia-Viet Nam	156,447	132,980
Malaysia-Zambia	240	204
Maldives-Australia	50	43
Maldives-Austria	8,373	7,117
Maldives-Bahrain	1,616	1,374
Maldives-Belarus	-	-
Maldives-Bulgaria	36	31
Maldives-China	91,282	77,590
Maldives-Cyprus	101	86
Maldives-Czechia	255	216
Maldives-Denmark	41*	35*
Maldives-Djibouti	-	-
Maldives-Egypt	46	39
Maldives-Eritrea	40	34
Maldives-Ethiopia	39	33
Maldives-France	11,886	10,103
Maldives-Germany	24,567	20,882
Maldives-Greece	79	67
Maldives-Hungary	85	72
Maldives-India	29,355	24,952
Maldives-Indonesia	132	112
Maldives-Italy	42,715	36,308
Maldives-Japan	42*	36*
Maldives-Jordan	518	440
Maldives-Kazakhstan	27	23
Maldives-Kenya	98	83
Maldives-Kuwait	312	265
Maldives-Lebanon	38	33
Maldives-Lesotho	69	59
Maldives-Madagascar	39	33
Maldives-Malaysia	37*	31*
Maldives-Mauritius	-	-
Maldives-Montenegro	-	-
Maldives-Myanmar	11	9
Maldives-New Zealand	-	-
Maldives-Oman	2,932	2,492
Maldives-Pakistan	-	-
Maldives-Philippines	35	29
Maldives-Poland	4,364	3,709
Maldives-Qatar	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Maldives-Russian Federation	47,485	40,362
Maldives-Saudi Arabia	12,852	10,924
Maldives-Seychelles	119	101
Maldives-Singapore (excluding data from Singapore)	448	381
Maldives-Slovakia	39	33
Maldives-South Africa	50	43
Maldives-Spain	98	83
Maldives-Sri Lanka	57,840	49,164
Maldives-Sweden	100	85
Maldives-Switzerland	14,590	12,402
Maldives-Thailand	32,034	27,229
Maldives-Türkiye	55,374	47,068
Maldives-Ukraine	138	118
Maldives-United Arab Emirates	137,076	116,515
Maldives-United Kingdom	15,642	13,296
Maldives-United Republic of Tanzania	92	78
Maldives-Uzbekistan	47*	40*
Maldives-Viet Nam	16	13
Maldives-Zimbabwe	50	43
Mali-Algeria	9,056	7,698
Mali-Angola	-	-
Mali-Belarus	-	-
Mali-Belgium	2,711	2,304
Mali-Benin	2,298	1,953
Mali-Brazil	413	351
Mali-Burkina Faso	956	812
Mali-Cameroon	2,973	2,527
Mali-Chad	127	108
Mali-Côte d'Ivoire	17,225	14,641
Mali-Czechia	168	143
Mali-Egypt	4,568	3,883
Mali-El Salvador	-	-
Mali-Ethiopia	29,280	24,888
Mali-France	33,929	28,839
Mali-Gabon	253*	215*
Mali-Gambia	32	27
Mali-Germany	4,765	4,051
Mali-Ghana	61	52
Mali-Guinea	1,778	1,511
Mali-Italy	328	279
Mali-Kenya	150*	128*
Mali-Luxembourg	617	524
Mali-Mauritania	1,590	1,352
Mali-Morocco	56*	47*
Mali-Niger	4,270	3,629

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Mali-Nigeria	1,121	953
Mali-Norway	-	-
Mali-Portugal	13	11
Mali-Saudi Arabia	3,697	3,143
Mali-Senegal	16,580	14,093
Mali-South Africa	378	322
Mali-Spain	988	840
Mali-Togo	2,563	2,179
Mali-Tunisia	4,258	3,619
Mali-Türkiye	10,414	8,852
Mali-Uganda	81*	69*
Mali-Ukraine	352	299
Mali-United Arab Emirates	-	-
Mali-United States	51	43
Malta-Albania	4	3
Malta-Austria	8,400	7,140
Malta-Azerbaijan	279	237
Malta-Belarus	-	-
Malta-Belgium	16,634	14,139
Malta-Bosnia and Herzegovina	5	4
Malta-Bulgaria	1,871	1,591
Malta-Burkina Faso	205	175
Malta-Burundi	409	348
Malta-Cameroon	13	11
Malta-China	144	123
Malta-Croatia	207	176
Malta-Cyprus	21,756	18,493
Malta-Czechia	1,866	1,586
Malta-Democratic Republic of the Congo	221	188
Malta-Denmark	6,373	5,417
Malta-Egypt	784	667
Malta-Estonia	1,556	1,323
Malta-Finland	1,320	1,122
Malta-France	31,659	26,911
Malta-Gabon	37	32
Malta-Gambia	15*	12*
Malta-Georgia	297	253
Malta-Germany	62,733	53,323
Malta-Ghana	196	166
Malta-Greece	3,696	3,142
Malta-Guinea	-	-
Malta-Hungary	5,597	4,758
Malta-Ireland	9,339	7,938
Malta-Israel	4,222	3,589
Malta-Italy	54,090	45,976

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Malta-Jordan	1,785	1,517
Malta-Kazakhstan	200	170
Malta-Latvia	3,898	3,313
Malta-Lebanon	35	30
Malta-Liberia	18	15
Malta-Libya	20	17
Malta-Lithuania	2,688	2,285
Malta-Luxembourg	2,295	1,951
Malta-Malawi	180	153
Malta-Mauritania	-	-
Malta-Mongolia	289*	246*
Malta-Montenegro	61	52
Malta-Morocco	2,427	2,063
Malta-Netherlands	11,462	9,743
Malta-North Macedonia	1,370	1,164
Malta-Norway	2,369	2,013
Malta-Poland	14,159	12,035
Malta-Portugal	6,219	5,286
Malta-Qatar	6,617	5,624
Malta-Romania	3,553	3,020
Malta-Russian Federation	6,532	5,552
Malta-Saudi Arabia	98	83
Malta-Senegal	33*	28*
Malta-Serbia	2,749	2,337
Malta-Slovakia	1,766	1,501
Malta-Slovenia	291	247
Malta-Spain	22,022	18,719
Malta-Sudan	147*	125*
Malta-Sweden	9,044	7,687
Malta-Switzerland	9,206	7,825
Malta-Tunisia	2,577	2,190
Malta-Türkiye	12,103	10,288
Malta-Ukraine	1,793	1,524
Malta-United Arab Emirates	923	785
Malta-United Kingdom	137,265	116,675
Malta-United States	604	514
Malta-Venezuela (Bolivarian Republic of)	261	222
Malta-Zimbabwe	41	35
Marshall Islands-Japan	31	27
Marshall Islands-Micronesia (Federated States of)	2,730	2,321
Marshall Islands-United States	15,570	13,235
Mauritania-Algeria	23*	20*
Mauritania-Burkina Faso	160	136
Mauritania-Cabo Verde	29	25
Mauritania-Central African Republic	443	377

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Mauritania-Chad	75	64
Mauritania-Cook Islands	180	153
Mauritania-Côte d'Ivoire	16	14
Mauritania-Cyprus	-	-
Mauritania-Egypt	104	88
Mauritania-Equatorial Guinea	35*	30*
Mauritania-France	16,770	14,254
Mauritania-Gambia	79	67
Mauritania-Germany	19	16
Mauritania-Guinea	3,751	3,188
Mauritania-Guinea-Bissau	14	12
Mauritania-Kenya	176	150
Mauritania-Lebanon	59	50
Mauritania-Mali	2,108	1,792
Mauritania-Morocco	13,331	11,331
Mauritania-Netherlands	132	112
Mauritania-Niger	57	48
Mauritania-Nigeria	-	-
Mauritania-Portugal	11	9
Mauritania-Saudi Arabia	63*	54*
Mauritania-Senegal	4,117	3,499
Mauritania-Sierra Leone	105	90
Mauritania-Spain	4,731	4,021
Mauritania-Sudan	154	131
Mauritania-Switzerland	17	14
Mauritania-Togo	-	-
Mauritania-Tunisia	6,884	5,852
Mauritania-Türkiye	2,876	2,444
Mauritania-United Arab Emirates	71	60
Mauritania-United Kingdom	54	46
Mauritius-Australia	12,785	10,867
Mauritius-Austria	13,791	11,722
Mauritius-Chile	-	-
Mauritius-China	43,955	37,362
Mauritius-Comoros	93	79
Mauritius-Denmark	902	767
Mauritius-Egypt	20	17
Mauritius-Ethiopia	34	29
Mauritius-Finland	566	481
Mauritius-France	208,680	177,378
Mauritius-Germany	59,282	50,390
Mauritius-India	48,637	41,341
Mauritius-Indonesia	86	73
Mauritius-Italy	12,295	10,451
Mauritius-Japan	58	49

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Mauritius-Kenya	12,558	10,674
Mauritius-Lebanon	81	69
Mauritius-Madagascar	18,194	15,465
Mauritius-Malaysia	1,395	1,186
Mauritius-Maldives	-	-
Mauritius-Netherlands	22,220	18,887
Mauritius-Norway	366	311
Mauritius-Poland	-	-
Mauritius-Russian Federation	156	133
Mauritius-Saudi Arabia	-	-
Mauritius-Seychelles	6,646	5,649
Mauritius-Singapore	19,349	16,447
Mauritius-South Africa	66,119	56,201
Mauritius-Spain	3,702	3,147
Mauritius-Sweden	3,297	2,802
Mauritius-Switzerland	29,921	25,433
Mauritius-Türkiye	44,066	37,456
Mauritius-Ukraine	178	152
Mauritius-United Arab Emirates	164,920	140,182
Mauritius-United Kingdom	105,021	89,268
Mauritius-United Republic of Tanzania	1,226	1,042
Mexico-Antigua and Barbuda	27	23
Mexico-Argentina	97,984	83,286
Mexico-Bahamas	334	284
Mexico-Barbados	10	9
Mexico-Belgium	41,636	35,390
Mexico-Belize	343	291
Mexico-Bolivia (Plurinational State of)	353	300
Mexico-Brazil	117,271	99,680
Mexico-Canada	718,036	610,331
Mexico-Chile	93,917	79,829
Mexico-China	55,509	47,182
Mexico-Colombia	119,753	101,790
Mexico-Costa Rica	33,271	28,281
Mexico-Cuba	51,443	43,727
Mexico-Denmark	1,279	1,087
Mexico-Dominican Republic	11,184	9,506
Mexico-Ecuador	46,317	39,369
Mexico-El Salvador	30,321	25,773
Mexico-Finland	3,371	2,865
Mexico-France	283,962	241,368
Mexico-Germany	320,786	272,668
Mexico-Greece	58	49
Mexico-Guatemala	29,251	24,863
Mexico-Honduras	4,456	3,788

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Mexico-Ireland	1,442	1,225
Mexico-Italy	63,045	53,588
Mexico-Jamaica	158	135
Mexico-Japan	77,915*	66,228*
Mexico-Luxembourg	24,583	20,896
Mexico-Morocco	-	-
Mexico-Netherlands	199,728	169,769
Mexico-Nicaragua	4,680	3,978
Mexico-Norway	273	232
Mexico-Panama	117,398	99,788
Mexico-Peru	181,134	153,964
Mexico-Poland	5,234	4,449
Mexico-Portugal	7,996	6,797
Mexico-Qatar	-	-
Mexico-Republic of Korea	49,636	42,191
Mexico-Russian Federation	35,512	30,185
Mexico-Saint Lucia	11	10
Mexico-Spain	476,684	405,181
Mexico-Suriname	344	293
Mexico-Sweden	6,279	5,337
Mexico-Switzerland	28,441	24,175
Mexico-Trinidad and Tobago	26	22
Mexico-Türkiye	11,202	9,521
Mexico-United Kingdom	326,269	277,329
Mexico-United States	3,217,161	2,734,587
Micronesia (Federated States of)-Marshall Islands	3,281	2,789
Micronesia (Federated States of)-Palau	19	16
Micronesia (Federated States of)-Papua New Guinea	531	452
Micronesia (Federated States of)-United States	7,748	6,586
Mongolia-Austria	173	147
Mongolia-Azerbaijan	325	276
Mongolia-Bangladesh	408*	346*
Mongolia-China	28,295	24,051
Mongolia-Ethiopia	-	-
Mongolia-Germany	5,246	4,459
Mongolia-Japan	11,836	10,061
Mongolia-Kazakhstan	269	229
Mongolia-Kyrgyzstan	5,151	4,378
Mongolia-Lebanon	-	-
Mongolia-Malaysia	28	24
Mongolia-Nepal	84	71
Mongolia-Qatar	-	-
Mongolia-Republic of Korea	46,208	39,277
Mongolia-Russian Federation	27,603	23,462
Mongolia-Thailand	1,968	1,673

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Mongolia-United Arab Emirates	820	697
Mongolia-United Kingdom	252	214
Mongolia-Uzbekistan	13*	11*
Mongolia-Viet Nam	16	13
Montenegro-Albania	20	17
Montenegro-Armenia	124	105
Montenegro-Austria	4,235	3,599
Montenegro-Azerbaijan	366	311
Montenegro-Bahamas	48	41
Montenegro-Belarus	7*	6*
Montenegro-Belgium	2,955	2,512
Montenegro-Bosnia and Herzegovina	53	45
Montenegro-Bulgaria	43	36
Montenegro-Canada	88	75
Montenegro-China	45	38
Montenegro-Croatia	156	132
Montenegro-Cyprus	97	82
Montenegro-Czechia	780	663
Montenegro-Denmark	1,164	989
Montenegro-Estonia	-	-
Montenegro-Finland	1,024	871
Montenegro-France	7,262	6,173
Montenegro-Germany	11,467	9,747
Montenegro-Greece	275	234
Montenegro-Hungary	1,087	924
Montenegro-Iceland	96	82
Montenegro-Israel	3,297	2,803
Montenegro-Italy	5,735	4,874
Montenegro-Kazakhstan	52	44
Montenegro-Kuwait	33	28
Montenegro-Latvia	372	316
Montenegro-Lebanon	6*	5*
Montenegro-Lithuania	406	345
Montenegro-Luxembourg	107	91
Montenegro-Malta	47	40
Montenegro-Morocco	18	15
Montenegro-Netherlands	783	666
Montenegro-North Macedonia	20	17
Montenegro-Norway	1,053	895
Montenegro-Poland	5,349	4,547
Montenegro-Portugal	-	-
Montenegro-Republic of Moldova	3*	3*
Montenegro-Romania	84	71
Montenegro-Russian Federation	53,635	45,590
Montenegro-Saudi Arabia	15	13

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Montenegro-Serbia	13,662	11,612
Montenegro-Slovakia	278	236
Montenegro-Slovenia	2,944	2,502
Montenegro-South Africa	52	44
Montenegro-Spain	1,070	909
Montenegro-Sweden	2,939	2,498
Montenegro-Switzerland	2,784	2,366
Montenegro-Türkiye	6,176	5,250
Montenegro-Ukraine	2,380	2,023
Montenegro-United Arab Emirates	1,052	894
Montenegro-United Kingdom	7,500	6,375
Montenegro-United States	132	112
Morocco-Algeria	16,728	14,219
Morocco-Angola	-	-
Morocco-Argentina	56	47
Morocco-Austria	8,227	6,993
Morocco-Bahrain	20,739	17,628
Morocco-Belarus	-	-
Morocco-Belgium	118,091	100,377
Morocco-Benin	-	-
Morocco-Botswana	35	30
Morocco-Brazil	44,945	38,204
Morocco-Bulgaria	604	513
Morocco-Burkina Faso	62*	52*
Morocco-Cabo Verde	-	-
Morocco-Cameroon	-	-
Morocco-Canada	77,099	65,534
Morocco-Central African Republic	-	-
Morocco-Chad	1,310	1,114
Morocco-China	60	51
Morocco-Congo	-	-
Morocco-Côte d'Ivoire	19,848	16,871
Morocco-Croatia	19	16
Morocco-Cyprus	14	12
Morocco-Czechia	6,643	5,646
Morocco-Democratic Republic of the Congo	-	-
Morocco-Denmark	10,910	9,274
Morocco-Djibouti	-	-
Morocco-Egypt	42,412	36,051
Morocco-Equatorial Guinea	-	-
Morocco-Estonia	-	-
Morocco-Ethiopia	84	71
Morocco-Finland	2,096	1,781
Morocco-France	526,546	447,564
Morocco-Gabon	8,730	7,421

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Morocco-Gambia	-	-
Morocco-Germany	119,794	101,825
Morocco-Ghana	7,904	6,719
Morocco-Greece	8,383	7,125
Morocco-Guinea	28*	24*
Morocco-Guinea-Bissau	-	-
Morocco-Hungary	3,158	2,685
Morocco-Iceland	148	126
Morocco-India	47	40
Morocco-Ireland	4,850	4,122
Morocco-Italy	120,364	102,309
Morocco-Jordan	4,664	3,964
Morocco-Kenya	179	152
Morocco-Kuwait	321	273
Morocco-Latvia	23	20
Morocco-Lebanon	8,723	7,415
Morocco-Liberia	15*	13*
Morocco-Lithuania	639	543
Morocco-Luxembourg	2,664	2,264
Morocco-Mali	10*	8*
Morocco-Malta	2,065	1,756
Morocco-Mauritania	14,008	11,907
Morocco-Netherlands	72,497	61,622
Morocco-Niger	-	-
Morocco-Nigeria	15,368	13,063
Morocco-Norway	2,886	2,453
Morocco-Oman	-	-
Morocco-Pakistan	130	110
Morocco-Poland	11,354	9,651
Morocco-Portugal	25,145	21,373
Morocco-Qatar	-	-
Morocco-Republic of Moldova	-	-
Morocco-Romania	702	596
Morocco-Russian Federation	7,165	6,090
Morocco-Rwanda	35	30
Morocco-Saudi Arabia	133,925	113,836
Morocco-Senegal	34,648	29,450
Morocco-Serbia	72	61
Morocco-Sierra Leone	-	-
Morocco-Slovakia	1,653	1,405
Morocco-Spain	111,057	94,398
Morocco-Sweden	6,948	5,906
Morocco-Switzerland	30,355	25,802
Morocco-Thailand	56	48
Morocco-Togo	4,138	3,517

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Morocco-Trinidad and Tobago	761	647
Morocco-Tunisia	23,186	19,708
Morocco-Türkiye	78,756	66,942
Morocco-Uganda	-	-
Morocco-United Arab Emirates	172,480	146,608
Morocco-United Kingdom	120,825	102,701
Morocco-United States	102,280	86,938
Morocco-Zambia	41	35
Morocco-Zimbabwe	44	37
Mozambique-Algeria	202	171
Mozambique-China	390	332
Mozambique-Democratic Republic of the Congo	18*	15*
Mozambique-Djibouti	43	36
Mozambique-Egypt	37	31
Mozambique-Ethiopia	17,030	14,476
Mozambique-France	266	226
Mozambique-India	36	31
Mozambique-Iraq	-	-
Mozambique-Kenya	11,610	9,868
Mozambique-Madagascar	19	16
Mozambique-Malawi	-	-
Mozambique-Netherlands	335	285
Mozambique-Portugal	35,233	29,948
Mozambique-Qatar	-	-
Mozambique-Rwanda	11	10
Mozambique-Seychelles	81	69
Mozambique-South Africa	79,089	67,226
Mozambique-Spain	250	212
Mozambique-Uganda	-	-
Mozambique-United Arab Emirates	191	162
Mozambique-United Republic of Tanzania	1,488	1,265
Mozambique-Zambia	-	-
Mozambique-Zimbabwe	11*	9*
Myanmar-Bangladesh	5	4
Myanmar-Belarus	42	36
Myanmar-Cambodia	5,588	4,750
Myanmar-China	155,036	131,780
Myanmar-France	42	35
Myanmar-India	10,383	8,825
Myanmar-Indonesia	29	25
Myanmar-Italy	3,082	2,620
Myanmar-Japan	45*	39*
Myanmar-Malaysia	5*	4*
Myanmar-Nepal	22	19
Myanmar-Oman	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Myanmar-Philippines	45	38
Myanmar-Qatar	-	-
Myanmar-Republic of Korea	641*	545*
Myanmar-Russian Federation	168	142
Myanmar-Saudi Arabia	-	-
Myanmar-Singapore	68,376	58,120
Myanmar-Thailand	79,791	67,823
Myanmar-Türkiye	34	29
Myanmar-United Arab Emirates	35,049	29,791
Myanmar-Viet Nam	16,995	14,446
Namibia-Angola	7,470	6,350
Namibia-Austria	46	39
Namibia-Botswana	4,085	3,472
Namibia-Chad	36	31
Namibia-Djibouti	91	77
Namibia-Ethiopia	14,261	12,122
Namibia-France	166	141
Namibia-Gabon	59	50
Namibia-Germany	12,794*	10,875*
Namibia-Ghana	41*	35*
Namibia-Mozambique	-	-
Namibia-Nigeria	61*	51*
Namibia-Qatar	-	-
Namibia-Russian Federation	203	172
Namibia-South Africa	77,525	65,896
Namibia-United Kingdom	49	42
Namibia-Zambia	-	-
Namibia-Zimbabwe	20*	17*
Nauru-Solomon Islands	-	-
Nepal-Bahrain	449*	382*
Nepal-Bangladesh	3,022	2,569
Nepal-Bhutan	-	-
Nepal-Cambodia	69	59
Nepal-China	90,377	76,821
Nepal-Djibouti	112	95
Nepal-Egypt	120	102
Nepal-Ethiopia	297	252
Nepal-India	47,768	40,603
Nepal-Indonesia	77	66
Nepal-Japan	-	-
Nepal-Kuwait	943	801
Nepal-Malaysia	-	-
Nepal-Myanmar	5	5
Nepal-Oman	21,853	18,575
Nepal-Qatar	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Nepal-Republic of Korea	-	-
Nepal-Russian Federation	30	25
Nepal-Saudi Arabia	-	-
Nepal-Singapore	-	-
Nepal-Sri Lanka	188	160
Nepal-Thailand	35,259	29,970
Nepal-Türkiye	38,867	33,037
Nepal-United Arab Emirates	108,026	91,822
Nepal-Uzbekistan	15	12
Nepal-Viet Nam	108	92
Netherlands-Afghanistan	175*	149*
Netherlands-Albania	2,213	1,881
Netherlands-Algeria	-	-
Netherlands-Angola	22,607	19,216
Netherlands-Antigua and Barbuda	719	611
Netherlands-Argentina	95,642	81,295
Netherlands-Armenia	14	12
Netherlands-Austria	60,717	51,609
Netherlands-Azerbaijan	31,549	26,816
Netherlands-Bahamas	206	176
Netherlands-Bahrain	369	314
Netherlands-Barbados	750	638
Netherlands-Belarus	6,028	5,124
Netherlands-Belgium	9,606	8,165
Netherlands-Belize	52	45
Netherlands-Bolivia (Plurinational State of)	142	121
Netherlands-Bosnia and Herzegovina	2,044	1,737
Netherlands-Brazil	315,877	268,495
Netherlands-Bulgaria	23,040	19,584
Netherlands-Cabo Verde	19,858	16,879
Netherlands-Canada	412,034	350,229
Netherlands-China	1,205,443	1,024,627
Netherlands-Colombia	59,347	50,445
Netherlands-Costa Rica	14,947	12,705
Netherlands-Croatia	23,212	19,730
Netherlands-Cuba	61,260	52,071
Netherlands-Cyprus	10,438	8,872
Netherlands-Czechia	31,062	26,402
Netherlands-Democratic Republic of the Congo	22	19
Netherlands-Denmark	60,017	51,015
Netherlands-Dominica	585	497
Netherlands-Dominican Republic	16,523	14,045
Netherlands-Ecuador	96,243	81,807
Netherlands-Egypt	58,448	49,680
Netherlands-Estonia	4,952	4,210

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Netherlands-Finland	42,376	36,020
Netherlands-France	210,990	179,342
Netherlands-Gambia	9,497	8,072
Netherlands-Georgia	8,402	7,142
Netherlands-Germany	163,725	139,166
Netherlands-Ghana	54,835	46,610
Netherlands-Greece	170,578	144,991
Netherlands-Grenada	379	322
Netherlands-Guyana	29	24
Netherlands-Haiti	1,011	859
Netherlands-Honduras	10	9
Netherlands-Hungary	33,071	28,110
Netherlands-Iceland	26,599	22,609
Netherlands-India	196,806	167,285
Netherlands-Indonesia	99,451	84,533
Netherlands-Iran (Islamic Republic of)	-	-
Netherlands-Iraq	1,312	1,115
Netherlands-Ireland	60,633	51,538
Netherlands-Israel	70,040	59,534
Netherlands-Italy	255,841	217,465
Netherlands-Jamaica	2,280	1,938
Netherlands-Japan	190,089	161,575
Netherlands-Jordan	1,395*	1,186*
Netherlands-Kazakhstan	8,378	7,121
Netherlands-Kenya	86,046*	73,139*
Netherlands-Kuwait	30,568	25,983
Netherlands-Latvia	11,002	9,352
Netherlands-Lebanon	5,236	4,451
Netherlands-Lithuania	9,327	7,928
Netherlands-Luxembourg	15,590	13,252
Netherlands-Malaysia	110,510	93,933
Netherlands-Mali	142	121
Netherlands-Malta	10,655	9,057
Netherlands-Mauritius	20,742	17,631
Netherlands-Mexico	218,889	186,055
Netherlands-Montenegro	56	47
Netherlands-Morocco	73,164	62,190
Netherlands-Mozambique	335	285
Netherlands-Nigeria	44,132	37,512
Netherlands-North Macedonia	6,245	5,308
Netherlands-Norway	92,712	78,805
Netherlands-Oman	151	128
Netherlands-Panama	103,105	87,639
Netherlands-Peru	122,677	104,275
Netherlands-Poland	76,328	64,878

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Netherlands-Portugal	166,067	141,157
Netherlands-Qatar	-	-
Netherlands-Republic of Korea	153,183	130,206
Netherlands-Romania	41,152	34,979
Netherlands-Russian Federation	133,019	113,066
Netherlands-Rwanda	57,396	48,787
Netherlands-Saint Kitts and Nevis	481	409
Netherlands-Saint Lucia	45	38
Netherlands-Saint Vincent and the Grenadines	24	21
Netherlands-Saudi Arabia	97,068	82,508
Netherlands-Senegal	2,919	2,481
Netherlands-Serbia	14,287	12,144
Netherlands-Sierra Leone	1,057	898
Netherlands-Singapore	205,820	174,947
Netherlands-Slovakia	999	849
Netherlands-Slovenia	4,691	3,987
Netherlands-South Africa	276,529	235,050
Netherlands-Spain	552,424	469,560
Netherlands-Sri Lanka	3,824	3,251
Netherlands-Suriname	114,219	97,086
Netherlands-Sweden	74,239	63,103
Netherlands-Switzerland	66,893	56,859
Netherlands-Thailand	133,720	113,662
Netherlands-Trinidad and Tobago	4,945	4,203
Netherlands-Tunisia	3,602	3,062
Netherlands-Türkiye	246,089	209,176
Netherlands-Uganda	177	150
Netherlands-Ukraine	15,126	12,857
Netherlands-United Arab Emirates	433,520	368,492
Netherlands-United Kingdom	353,258	300,269
Netherlands-United Republic of Tanzania	57,542	48,910
Netherlands-United States	2,697,355	2,292,752
Netherlands-Uruguay	392	333
Netherlands-Uzbekistan	177	150
Netherlands-Venezuela (Bolivarian Republic of)	25	21
New Zealand-Argentina	-	-
New Zealand-Australia	998,394	848,635
New Zealand-Brunei Darussalam	144	122
New Zealand-Canada	2,051*	1,744*
New Zealand-Chile	60,056	51,048
New Zealand-China	693,664	589,615
New Zealand-Cook Islands	-	-
New Zealand-Fiji	64,232	54,597
New Zealand-France	30,338	25,788
New Zealand-Indonesia	75,934	64,544

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
New Zealand-Japan	94,724	80,515
New Zealand-Malaysia	342*	291*
New Zealand-Oman	691	587
New Zealand-Philippines	27,807	23,636
New Zealand-Qatar	-	-
New Zealand-Republic of Korea	88,434	75,169
New Zealand-Samoa	10,930*	9,291*
New Zealand-Singapore	350,656	298,058
New Zealand-Sri Lanka	-	-
New Zealand-Thailand	74,769	63,554
New Zealand-Tonga	-	-
New Zealand-United Arab Emirates	-	-
New Zealand-United States	591,385	502,677
New Zealand-Vanuatu	-	-
Nicaragua-Belize	17	14
Nicaragua-Costa Rica	2,127	1,808
Nicaragua-El Salvador	5,834	4,959
Nicaragua-Guatemala	2,006	1,705
Nicaragua-Honduras	2,048	1,740
Nicaragua-Mexico	4,518	3,840
Nicaragua-Panama	9,983	8,486
Nicaragua-United Kingdom	12	10
Nicaragua-United States	48,691	41,387
Niger-Algeria	3,184	2,706
Niger-Belarus	224*	191*
Niger-Belgium	924	785
Niger-Benin	1,849	1,572
Niger-Bulgaria	46	39
Niger-Burkina Faso	5,614	4,772
Niger-Cameroon	64*	54*
Niger-Chad	1,830	1,555
Niger-Congo	596	506
Niger-Côte d'Ivoire	3,997	3,397
Niger-Democratic Republic of the Congo	-	-
Niger-Denmark	343	292
Niger-Egypt	35*	30*
Niger-Equatorial Guinea	-	-
Niger-Ethiopia	17,705	15,050
Niger-France	25,681	21,829
Niger-Gabon	55*	47*
Niger-Gambia	10	9
Niger-Germany	7,953	6,760
Niger-Ghana	221	188
Niger-India	420	357
Niger-Italy	71	61

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Niger-Jordan	117	99
Niger-Kenya	121*	103*
Niger-Libya	1,830	1,556
Niger-Mali	3,550	3,018
Niger-Mauritania	57	48
Niger-Morocco	6,354	5,401
Niger-Nigeria	2,015	1,713
Niger-Oman	278	236
Niger-Saudi Arabia	-	-
Niger-Senegal	332	282
Niger-Spain	537	457
Niger-Togo	5,120	4,352
Niger-Tunisia	4,098	3,483
Niger-Türkiye	7,314*	6,217*
Niger-Uganda	62*	53*
Niger-Ukraine	493	419
Niger-United Arab Emirates	62	53
Niger-United Republic of Tanzania	50	43
Niger-Zimbabwe	47	40
Nigeria-Angola	1,723	1,464
Nigeria-Austria	299*	254*
Nigeria-Azerbaijan	186	158
Nigeria-Belgium	64,773	55,057
Nigeria-Benin	316	268
Nigeria-Botswana	22	19
Nigeria-Brazil	8,245	7,009
Nigeria-Bulgaria	-	-
Nigeria-Burkina Faso	529	450
Nigeria-Burundi	-	-
Nigeria-Cabo Verde	731	622
Nigeria-Cameroon	3,453	2,935
Nigeria-Canada	-	-
Nigeria-Central African Republic	1,331	1,132
Nigeria-Chad	6,653	5,655
Nigeria-Congo	4,101	3,486
Nigeria-Côte d'Ivoire	7,413	6,301
Nigeria-Czechia	197	167
Nigeria-Democratic Republic of the Congo	2,521	2,143
Nigeria-Denmark	151	128
Nigeria-Djibouti	150*	128*
Nigeria-Egypt	43,298	36,803
Nigeria-Equatorial Guinea	8,103	6,888
Nigeria-Ethiopia	98,836*	84,011*
Nigeria-France	54,394	46,235
Nigeria-Gabon	2,689	2,285

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Nigeria-Gambia	3,171	2,696
Nigeria-Germany	70,910	60,274
Nigeria-Ghana	24,200	20,570
Nigeria-Greece	460	391
Nigeria-Guinea	205	174
Nigeria-Guinea-Bissau	22	19
Nigeria-Ireland	32	27
Nigeria-Italy	5,784	4,916
Nigeria-Jordan	37*	32*
Nigeria-Kenya	29,360	24,956
Nigeria-Lebanon	-	-
Nigeria-Liberia	90	76
Nigeria-Libya	11	9
Nigeria-Luxembourg	255	217
Nigeria-Mali	1,507	1,281
Nigeria-Malta	53	45
Nigeria-Mauritania	31*	26*
Nigeria-Morocco	15,706	13,350
Nigeria-Mozambique	250*	212*
Nigeria-Namibia	37*	32*
Nigeria-Netherlands	43,531	37,001
Nigeria-Niger	587	499
Nigeria-Norway	132	112
Nigeria-Paraguay	47	40
Nigeria-Portugal	108	91
Nigeria-Qatar	-	-
Nigeria-Russian Federation	40	34
Nigeria-Rwanda	224*	191*
Nigeria-Sao Tome and Principe	173	147
Nigeria-Saudi Arabia	16,482	14,009
Nigeria-Senegal	9,381	7,973
Nigeria-Sierra Leone	26*	22*
Nigeria-South Africa	36,542	31,061
Nigeria-Spain	5,320	4,522
Nigeria-Sudan	621	528
Nigeria-Togo	3,473	2,952
Nigeria-Tunisia	298	254
Nigeria-Türkiye	61,605	52,364
Nigeria-Uganda	1,659	1,410
Nigeria-Ukraine	207*	176*
Nigeria-United Arab Emirates	204,651	173,954
Nigeria-United Kingdom	163,334	138,834
Nigeria-United Republic of Tanzania	27	23
Nigeria-United States	80,757	68,643
Nigeria-Zambia	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
North Macedonia-Albania	50	43
North Macedonia-Armenia	22	18
North Macedonia-Austria	8,311	7,064
North Macedonia-Belgium	3,157	2,684
North Macedonia-Bosnia and Herzegovina	34	29
North Macedonia-Bulgaria	181	154
North Macedonia-Croatia	3,455	2,937
North Macedonia-Cyprus	696	591
North Macedonia-Czechia	5*	5*
North Macedonia-Denmark	2,367	2,012
North Macedonia-Egypt	914	777
North Macedonia-Estonia	-	-
North Macedonia-Finland	981	834
North Macedonia-France	11,028	9,374
North Macedonia-Germany	26,273	22,332
North Macedonia-Greece	462	393
North Macedonia-Hungary	1,120	952
North Macedonia-Ireland	135	115
North Macedonia-Israel	692	588
North Macedonia-Italy	5,123	4,354
North Macedonia-Lithuania	21	18
North Macedonia-Malta	1,423	1,209
North Macedonia-Montenegro	220	187
North Macedonia-Netherlands	6,003	5,103
North Macedonia-Norway	2,287	1,944
North Macedonia-Poland	3,491	2,968
North Macedonia-Qatar	-	-
North Macedonia-Romania	11	9
North Macedonia-Russian Federation	175	149
North Macedonia-Saudi Arabia	289	245
North Macedonia-Serbia	1,054	896
North Macedonia-Slovakia	2,052	1,744
North Macedonia-Slovenia	2,474	2,103
North Macedonia-Spain	1,652	1,404
North Macedonia-Sweden	13,515*	11,488*
North Macedonia-Switzerland	9,737	8,277
North Macedonia-Türkiye	11,541	9,810
North Macedonia-United Arab Emirates	3,780	3,213
North Macedonia-United Kingdom	6,300	5,355
North Macedonia-United States	683	580
Norway-Albania	1,272	1,081
Norway-Algeria	11	10
Norway-Angola	47	40
Norway-Austria	14,721	12,513
Norway-Azerbaijan	1,573	1,337

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Norway-Belarus	8*	7*
Norway-Belgium	18,747	15,935
Norway-Bosnia and Herzegovina	644	547
Norway-Bulgaria	7,677	6,526
Norway-Cabo Verde	1,601	1,361
Norway-Canada	140	119
Norway-China	10,181	8,654
Norway-Croatia	25,310	21,514
Norway-Cuba	1,033	878
Norway-Cyprus	12,883	10,950
Norway-Czechia	7,901	6,716
Norway-Denmark	107,904	91,719
Norway-Egypt	3,325	2,826
Norway-Estonia	4,792	4,074
Norway-Ethiopia	187	159
Norway-Finland	26,497	22,523
Norway-France	61,200	52,020
Norway-Gambia	102	87
Norway-Germany	101,634	86,389
Norway-Greece	72,088	61,274
Norway-Hungary	13,032	11,077
Norway-Iceland	30,708	26,101
Norway-India	36	31
Norway-Ireland	8,456	7,188
Norway-Israel	17,604	14,964
Norway-Italy	39,158	33,285
Norway-Japan	52	44
Norway-Jordan	455	387
Norway-Kazakhstan	2,899	2,465
Norway-Kuwait	47	40
Norway-Latvia	17,259	14,670
Norway-Lithuania	16,380	13,923
Norway-Luxembourg	51	44
Norway-Mali	830	706
Norway-Malta	2,343	1,992
Norway-Mauritius	337	286
Norway-Mexico	320*	272*
Norway-Montenegro	1,038	882
Norway-Morocco	2,835	2,410
Norway-Netherlands	92,354	78,501
Norway-North Macedonia	2,202	1,871
Norway-Pakistan	6,797	5,777
Norway-Poland	99,285	84,392
Norway-Portugal	22,848	19,421
Norway-Qatar	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Norway-Republic of Korea	45,967	39,072
Norway-Romania	4,886	4,153
Norway-Russian Federation	18,469	15,699
Norway-Saudi Arabia	46	39
Norway-Serbia	5,877	4,995
Norway-Slovakia	123	105
Norway-Slovenia	162	138
Norway-South Africa	159	135
Norway-Spain	295,534	251,204
Norway-Sweden	61,378	52,171
Norway-Switzerland	16,757	14,244
Norway-Thailand	117,040	99,484
Norway-Tunisia	27	23
Norway-Türkiye	70,311	59,764
Norway-Ukraine	537	456
Norway-United Arab Emirates	72,934	61,994
Norway-United Kingdom	140,892	119,759
Norway-United States	146,846	124,819
Norway-Viet Nam	498	423
Oman-Afghanistan	2,112*	1,795*
Oman-Austria	30*	25*
Oman-Azerbaijan	392	333
Oman-Bahrain	28,147	23,925
Oman-Bangladesh	33,464	28,444
Oman-Bulgaria	53	45
Oman-Cambodia	2,778*	2,361*
Oman-China	37,937	32,246
Oman-Cyprus	18*	15*
Oman-Czechia	519	441
Oman-Djibouti	37	31
Oman-Egypt	43,600	37,060
Oman-Ethiopia	8,884	7,552
Oman-France	42,208	35,877
Oman-Gabon	-	-
Oman-Georgia	51	43
Oman-Germany	88,168	74,943
Oman-Greece	6,138	5,217
Oman-Hungary	46	39
Oman-India	306,973	260,927
Oman-Indonesia	48,653	41,355
Oman-Iran (Islamic Republic of)	-	-
Oman-Ireland	52	45
Oman-Italy	67,308	57,212
Oman-Jordan	13,589	11,551
Oman-Kazakhstan	955	812

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Oman-Kenya	11,514	9,787
Oman-Kuwait	22,365	19,011
Oman-Kyrgyzstan	-	-
Oman-Lebanon	175	148
Oman-Luxembourg	167	142
Oman-Malaysia	82,257	69,918
Oman-Maldives	2,250	1,913
Oman-Mauritius	48	41
Oman-Morocco	-	-
Oman-Nepal	-	-
Oman-Netherlands	146	124
Oman-Niger	1,365	1,160
Oman-Pakistan	48,813	41,491
Oman-Philippines	491*	417*
Oman-Poland	963*	818*
Oman-Qatar	84,771	72,055
Oman-Republic of Moldova	-	-
Oman-Romania	379	322
Oman-Russian Federation	13,908	11,822
Oman-Saudi Arabia	116,382	98,925
Oman-Seychelles	-	-
Oman-Singapore	375	319
Oman-Slovakia	547	465
Oman-Sri Lanka	31,267	26,577
Oman-Sudan	-	-
Oman-Switzerland	42,169	35,844
Oman-Thailand	224*	191*
Oman-Tunisia	335	285
Oman-Türkiye	38,884	33,051
Oman-Turkmenistan	282	239
Oman-Uganda	32	27
Oman-United Arab Emirates	99,393	84,484
Oman-United Kingdom	141,143	119,971
Oman-United Republic of Tanzania	-	-
Oman-United States	-	-
Oman-Viet Nam	5,321	4,523
Pakistan-Afghanistan	1,599	1,359
Pakistan-Azerbaijan	204	173
Pakistan-Bahrain	84,453	71,785
Pakistan-Bangladesh	499	424
Pakistan-Bulgaria	46	39
Pakistan-Burundi	2,352	1,999
Pakistan-Canada	74,171	63,046
Pakistan-Central African Republic	1,401	1,191
Pakistan-China	60,056	51,047

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Pakistan-Cyprus	125	106
Pakistan-Czechia	294	250
Pakistan-Denmark	7,704	6,549
Pakistan-Ethiopia	78	66
Pakistan-France	17,401*	14,791*
Pakistan-Georgia	790	671
Pakistan-Greece	160	136
Pakistan-India	192	164
Pakistan-Iran (Islamic Republic of)	-	-
Pakistan-Iraq	4,823	4,099
Pakistan-Italy	16,720	14,212
Pakistan-Jordan	-	-
Pakistan-Kuwait	17,696	15,042
Pakistan-Kyrgyzstan	16	14
Pakistan-Malaysia	5,811*	4,939*
Pakistan-Morocco	165	140
Pakistan-Myanmar	-	-
Pakistan-Norway	7,102	6,036
Pakistan-Oman	52,196	44,367
Pakistan-Qatar	7,222*	6,138*
Pakistan-Republic of Korea	-	-
Pakistan-Russian Federation	25	21
Pakistan-Saudi Arabia	738,109	627,393
Pakistan-Sri Lanka	10,700	9,095
Pakistan-Sudan	-	-
Pakistan-Switzerland	70*	59*
Pakistan-Thailand	61,135	51,965
Pakistan-Türkiye	113,387	96,379
Pakistan-Turkmenistan	468*	398*
Pakistan-United Arab Emirates	536,788	456,269
Pakistan-United Kingdom	216,919	184,381
Pakistan-United States	101	86
Pakistan-Uzbekistan	1,601	1,360
Pakistan-Viet Nam	98*	83*
Palau-Cambodia	-	-
Palau-China	11,797	10,027
Palau-Japan	1,766	1,501
Palau-Micronesia (Federated States of)	17	15
Palau-New Zealand	26	22
Palau-Philippines	2,018	1,715
Palau-Republic of Korea	9,015	7,663
Palau-Singapore	40	34
Palau-United States	6,028	5,124
Palau-Vanuatu	46	39
Palau-Viet Nam	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Panama-Argentina	114,616	97,424
Panama-Bahamas	3,093	2,629
Panama-Barbados	2,131	1,812
Panama-Belgium	-	-
Panama-Belize	1,484	1,262
Panama-Bolivia (Plurinational State of)	21,243	18,057
Panama-Brazil	207,990	176,792
Panama-Canada	35,456	30,138
Panama-Chile	88,047	74,840
Panama-Colombia	15,885	13,503
Panama-Costa Rica	45,030	38,276
Panama-Cuba	59,089	50,226
Panama-Dominican Republic	47,778	40,611
Panama-Ecuador	50,471	42,901
Panama-El Salvador	14,626	12,432
Panama-France	59,580*	50,643*
Panama-Germany	62,482	53,109
Panama-Guatemala	18,785	15,967
Panama-Guyana	8,566	7,281
Panama-Haiti	3,265	2,775
Panama-Honduras	4,940	4,199
Panama-Ireland	-	-
Panama-Italy	170	144
Panama-Jamaica	5,840	4,964
Panama-Luxembourg	-	-
Panama-Mexico	126,558	107,574
Panama-Netherlands	92,949	79,007
Panama-Nicaragua	13,302	11,307
Panama-Paraguay	34,234	29,099
Panama-Peru	62,021	52,718
Panama-Poland	-	-
Panama-Romania	51	43
Panama-Saint Vincent and the Grenadines	9	8
Panama-Spain	81,135	68,965
Panama-Suriname	1,523	1,295
Panama-Trinidad and Tobago	12,776	10,859
Panama-Türkiye	36,687	31,184
Panama-United States	483,918	411,330
Panama-Uruguay	37,565	31,930
Panama-Venezuela (Bolivarian Republic of)	27,968	23,773
Papua New Guinea-Australia	38,582	32,794
Papua New Guinea-Bangladesh	224	190
Papua New Guinea-Cambodia	44	37
Papua New Guinea-China	13,468	11,448
Papua New Guinea-Fiji	617*	525*

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Papua New Guinea-Japan	1,539	1,309
Papua New Guinea-Malaysia	186	158
Papua New Guinea-Micronesia (Federated States of)	648	550
Papua New Guinea-Philippines	19,083	16,220
Papua New Guinea-Samoa	424	361
Papua New Guinea-Singapore	22,881	19,449
Papua New Guinea-Solomon Islands	3,882	3,300
Papua New Guinea-United States	49	42
Papua New Guinea-Viet Nam	52	44
Paraguay-Argentina	25,056	21,298
Paraguay-Bolivia (Plurinational State of)	59	50
Paraguay-Brazil	23,329	19,829
Paraguay-Chile	11,851	10,073
Paraguay-Colombia	1,625	1,381
Paraguay-Ecuador	2,012	1,711
Paraguay-Morocco	49	42
Paraguay-Panama	32,508	27,632
Paraguay-Peru	17,217	14,634
Paraguay-Spain	47,366	40,261
Paraguay-Trinidad and Tobago	126	107
Paraguay-Uganda	302	257
Paraguay-United States	469	399
Paraguay-Uruguay	3,916	3,329
Paraguay-Venezuela (Bolivarian Republic of)	131	111
Peru-Argentina	136,623	116,130
Peru-Bolivia (Plurinational State of)	25,035	21,280
Peru-Brazil	125,525	106,696
Peru-Cabo Verde	30	26
Peru-Canada	48,838	41,512
Peru-Chile	185,082	157,319
Peru-Colombia	76,606	65,115
Peru-Costa Rica	15,430	13,115
Peru-Cuba	26,254	22,316
Peru-Dominican Republic	38,229	32,495
Peru-Ecuador	39,611	33,670
Peru-El Salvador	35,262	29,973
Peru-France	84,738	72,028
Peru-Germany	60	51
Peru-Guatemala	62	53
Peru-Jamaica	442	375
Peru-Mexico	188,369	160,114
Peru-Netherlands	118,086	100,373
Peru-Panama	56,646	48,149
Peru-Paraguay	15,377	13,070
Peru-Portugal	48*	41*

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Peru-Senegal	155	131
Peru-Spain	351,175	298,499
Peru-United Kingdom	24,007	20,406
Peru-United States	563,464	478,944
Peru-Uruguay	23,332	19,832
Philippines-Australia	202,722	172,314
Philippines-Azerbaijan	33	28
Philippines-Bahrain	59,142	50,271
Philippines-Bangladesh	692	588
Philippines-Brunei Darussalam	9,460	8,041
Philippines-Cambodia	8,651	7,354
Philippines-Canada	194,257	165,118
Philippines-China	820,755	697,642
Philippines-Finland	56	47
Philippines-Germany	4,030	3,426
Philippines-India	1,958	1,665
Philippines-Indonesia	59,132	50,262
Philippines-Japan	417,820	355,147
Philippines-Kazakhstan	72	61
Philippines-Kuwait	86,646	73,649
Philippines-Lao People's Democratic Republic	17	14
Philippines-Malaysia	107,916	91,729
Philippines-Maldives	64	55
Philippines-Mongolia	47	40
Philippines-Myanmar	27	23
Philippines-New Zealand	26,306	22,360
Philippines-Oman	-	-
Philippines-Palau	2,332	1,982
Philippines-Papua New Guinea	19,577	16,640
Philippines-Qatar	42,197*	35,867*
Philippines-Republic of Korea	613,650	521,603
Philippines-Russian Federation	276	234
Philippines-Samoa	80	68
Philippines-Saudi Arabia	46*	39*
Philippines-Singapore	326,428	277,463
Philippines-Sri Lanka	25	21
Philippines-Thailand	133,678	113,626
Philippines-Türkiye	117,561	99,927
Philippines-United Arab Emirates	575,910	489,523
Philippines-United Kingdom	70,413	59,851
Philippines-United States	567,732	482,572
Philippines-Viet Nam	35,713	30,356
Poland-Albania	-	-
Poland-Angola	44	37
Poland-Armenia	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Poland-Austria	19,512	16,585
Poland-Azerbaijan	202	172
Poland-Bahrain	77	65
Poland-Belarus	5,562	4,728
Poland-Belgium	48,323	41,074
Poland-Bosnia and Herzegovina	47	40
Poland-Bulgaria	34,800	29,580
Poland-Cabo Verde	3,439*	2,923*
Poland-Canada	77,358	65,755
Poland-China	83,700	71,145
Poland-Croatia	12,801	10,881
Poland-Cuba	3,115*	2,647*
Poland-Cyprus	20,890	17,756
Poland-Czechia	11,702	9,947
Poland-Denmark	36,808	31,287
Poland-Dominican Republic	3,033*	2,578*
Poland-Egypt	77,203	65,623
Poland-Estonia	13,039	11,083
Poland-Finland	25,175	21,399
Poland-France	83,674	71,123
Poland-Gambia	-	-
Poland-Georgia	20,950	17,807
Poland-Germany	248,373	211,117
Poland-Greece	107,748	91,586
Poland-Guatemala	428	364
Poland-Hungary	14,409	12,247
Poland-Iceland	20,313	17,266
Poland-India	139*	118*
Poland-Iraq	354	301
Poland-Ireland	59,333	50,433
Poland-Israel	76,818	65,295
Poland-Italy	123,348	104,846
Poland-Jamaica	912	775
Poland-Japan	51*	44*
Poland-Jordan	5,651	4,803
Poland-Kazakhstan	6,809	5,788
Poland-Kenya	-	-
Poland-Kuwait	951	809
Poland-Latvia	8,290	7,047
Poland-Lebanon	3,042	2,586
Poland-Lithuania	10,047	8,540
Poland-Luxembourg	5,341	4,540
Poland-Madagascar	5,185	4,407
Poland-Maldives	4,255	3,617
Poland-Malta	13,611	11,569

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Poland-Mauritius	-	-
Poland-Mexico	6,390	5,431
Poland-Mongolia	-	-
Poland-Montenegro	5,782	4,915
Poland-Morocco	11,483	9,761
Poland-Netherlands	82,416	70,053
Poland-North Macedonia	26*	22*
Poland-Norway	106,974	90,928
Poland-Oman	935*	795*
Poland-Panama	-	-
Poland-Philippines	54	46
Poland-Portugal	50,905	43,269
Poland-Qatar	-	-
Poland-Republic of Korea	91*	77*
Poland-Republic of Moldova	2,362	2,008
Poland-Romania	16,598	14,108
Poland-Russian Federation	29,982	25,485
Poland-Rwanda	-	-
Poland-Saudi Arabia	158*	135*
Poland-Serbia	4,618	3,925
Poland-Seychelles	-	-
Poland-Singapore	403*	342*
Poland-Slovakia	2,408	2,047
Poland-Slovenia	2,777	2,361
Poland-Spain	188,745	160,433
Poland-Sri Lanka	-	-
Poland-Sweden	51,987	44,189
Poland-Switzerland	41,951	35,658
Poland-Thailand	8,496	7,221
Poland-Tunisia	7,037*	5,981*
Poland-Türkiye	103,157	87,683
Poland-Ukraine	76,912	65,375
Poland-United Arab Emirates	69,485	59,062
Poland-United Kingdom	425,023	361,270
Poland-United Republic of Tanzania	4,045*	3,438*
Poland-United States	276,656	235,157
Poland-Uzbekistan	13	11
Poland-Viet Nam	-	-
Poland-Zambia	-	-
Poland-Zimbabwe	-	-
Portugal-Afghanistan	145	124
Portugal-Algeria	1,682	1,430
Portugal-Angola	57,029	48,475
Portugal-Antigua and Barbuda	47	40
Portugal-Austria	35,626	30,282

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Portugal-Bahamas	160	136
Portugal-Bahrain	31	27
Portugal-Barbados	481	409
Portugal-Belarus	-	-
Portugal-Belgium	112,883	95,950
Portugal-Benin	25	21
Portugal-Bolivia (Plurinational State of)	1,473	1,252
Portugal-Brazil	788,494	670,220
Portugal-Brunei Darussalam	219	186
Portugal-Bulgaria	2,890	2,457
Portugal-Cabo Verde	65,333	55,533
Portugal-Canada	136,588	116,100
Portugal-Central African Republic	-	-
Portugal-China	8,362	7,108
Portugal-Colombia	342	290
Portugal-Congo	170	144
Portugal-Costa Rica	253	215
Portugal-Côte d'Ivoire	7,989	6,791
Portugal-Croatia	3,046	2,589
Portugal-Cuba	5,777	4,911
Portugal-Cyprus	30	25
Portugal-Czechia	16,490	14,016
Portugal-Denmark	37,324	31,725
Portugal-Dominican Republic	12,084	10,271
Portugal-Ecuador	48	41
Portugal-Egypt	846	719
Portugal-Estonia	-	-
Portugal-Finland	31,336	26,636
Portugal-France	386,152	328,229
Portugal-Gambia	1,598	1,358
Portugal-Germany	408,000	346,800
Portugal-Ghana	11,126	9,457
Portugal-Greece	12,167	10,342
Portugal-Guatemala	261	222
Portugal-Guinea	2,668	2,268
Portugal-Guinea-Bissau	9,104	7,739
Portugal-Hungary	19,079	16,217
Portugal-Iceland	1,112	945
Portugal-India	96*	81*
Portugal-Ireland	87,265	74,175
Portugal-Israel	18,300	15,555
Portugal-Italy	170,342	144,791
Portugal-Jamaica	301	256
Portugal-Japan	-	-
Portugal-Jordan	77*	66*

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Portugal-Kazakhstan	92	78
Portugal-Kuwait	22	19
Portugal-Latvia	2,881	2,449
Portugal-Lebanon	125	106
Portugal-Lithuania	2,087	1,774
Portugal-Luxembourg	45,678	38,826
Portugal-Maldives	102	86
Portugal-Malta	5,274	4,483
Portugal-Mexico	9,586	8,148
Portugal-Morocco	24,220	20,587
Portugal-Mozambique	36,777	31,260
Portugal-Netherlands	157,719	134,061
Portugal-Niger	196	167
Portugal-Nigeria	33	28
Portugal-Norway	22,515	19,138
Portugal-Pakistan	43	36
Portugal-Poland	46,807	39,786
Portugal-Qatar	-	-
Portugal-Republic of Korea	3,960	3,366
Portugal-Republic of Moldova	-	-
Portugal-Romania	8,297	7,053
Portugal-Russian Federation	29,337	24,937
Portugal-Rwanda	171	146
Portugal-Saint Kitts and Nevis	29	25
Portugal-Saint Vincent and the Grenadines	19	16
Portugal-Sao Tome and Principe	103	87
Portugal-Saudi Arabia	288	245
Portugal-Senegal	14,825	12,601
Portugal-Serbia	152	129
Portugal-Slovakia	94	80
Portugal-Slovenia	7	6
Portugal-South Africa	221	188
Portugal-Spain	212,397	180,538
Portugal-Sweden	33,328	28,329
Portugal-Switzerland	149,901	127,416
Portugal-Thailand	256	217
Portugal-Togo	4,528	3,848
Portugal-Trinidad and Tobago	445	379
Portugal-Tunisia	3,642	3,095
Portugal-Türkiye	41,176	34,999
Portugal-Ukraine	5,513	4,686
Portugal-United Arab Emirates	133,238	113,252
Portugal-United Kingdom	578,572	491,786
Portugal-United Republic of Tanzania	210	178
Portugal-United States	433,417	368,405

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Portugal-Venezuela (Bolivarian Republic of)	15,037	12,782
Qatar-Afghanistan	421*	358*
Qatar-Albania	-	-
Qatar-Algeria	45,201	38,421
Qatar-Angola	291*	247*
Qatar-Armenia	-	-
Qatar-Australia	-	-
Qatar-Austria	-	-
Qatar-Azerbaijan	18,222	15,489
Qatar-Bahrain	278	236
Qatar-Bangladesh	219,511	186,585
Qatar-Belarus	20	17
Qatar-Belgium	1,019*	866*
Qatar-Bosnia and Herzegovina	-	-
Qatar-Brazil	-	-
Qatar-Brunei Darussalam	49*	42*
Qatar-Bulgaria	25,251	21,464
Qatar-Cambodia	299*	255*
Qatar-Cameroon	122*	104*
Qatar-Canada	-	-
Qatar-China	724,745	616,034
Qatar-Congo	50*	43*
Qatar-Croatia	-	-
Qatar-Cyprus	23,783	20,216
Qatar-Czechia	54,023	45,919
Qatar-Democratic Republic of the Congo	21*	18*
Qatar-Denmark	-	-
Qatar-Djibouti	79*	67*
Qatar-Equatorial Guinea	-	-
Qatar-Estonia	-	-
Qatar-Ethiopia	7,724*	6,565*
Qatar-Finland	47*	40*
Qatar-France	279,454	237,536
Qatar-Georgia	-	-
Qatar-Germany	379,724	322,766
Qatar-Ghana	-	-
Qatar-Greece	94,367	80,212
Qatar-Guinea	-	-
Qatar-Hungary	-	-
Qatar-India	588,515	500,238
Qatar-Indonesia	-	-
Qatar-Iran (Islamic Republic of)	-	-
Qatar-Iraq	-	-
Qatar-Ireland	54,731	46,521
Qatar-Italy	325,817	276,945

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Qatar-Japan	-	-
Qatar-Jordan	83,390	70,881
Qatar-Kazakhstan	180*	153*
Qatar-Kenya	2,594*	2,205*
Qatar-Kuwait	99,382	84,475
Qatar-Lebanon	103,639	88,094
Qatar-Libya	-	-
Qatar-Luxembourg	18*	15*
Qatar-Malaysia	65*	55*
Qatar-Maldives	33*	28*
Qatar-Malta	16*	14*
Qatar-Mongolia	-	-
Qatar-Morocco	110,038	93,533
Qatar-Mozambique	-	-
Qatar-Myanmar	-	-
Qatar-Namibia	-	-
Qatar-Nepal	-	-
Qatar-Netherlands	349*	296*
Qatar-New Zealand	-	-
Qatar-Nigeria	532*	452*
Qatar-North Macedonia	-	-
Qatar-Norway	-	-
Qatar-Oman	98,158	83,434
Qatar-Pakistan	248,213	210,981
Qatar-Philippines	38,985*	33,138*
Qatar-Poland	72,585	61,697
Qatar-Portugal	-	-
Qatar-Republic of Korea	-	-
Qatar-Romania	-	-
Qatar-Russian Federation	96,742	82,231
Qatar-Rwanda	-	-
Qatar-Saudi Arabia	649	551
Qatar-Senegal	-	-
Qatar-Serbia	-	-
Qatar-Seychelles	-	-
Qatar-Singapore	179,381	152,474
Qatar-Slovakia	-	-
Qatar-Somalia	29*	25*
Qatar-South Africa	-	-
Qatar-Spain	38*	32*
Qatar-Sri Lanka	202,024	171,720
Qatar-Sudan	-	-
Qatar-Sweden	-	-
Qatar-Switzerland	15*	13*
Qatar-Syrian Arab Republic	1,695	1,441

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Qatar-Tajikistan	-	-
Qatar-Thailand	6,846*	5,819*
Qatar-Tunisia	-	-
Qatar-Türkiye	224,638	190,942
Qatar-Turkmenistan	-	-
Qatar-Uganda	822*	699*
Qatar-Ukraine	-	-
Qatar-United Arab Emirates	1,087	924
Qatar-United Kingdom	880,285	748,242
Qatar-United Republic of Tanzania	-	-
Qatar-United States	-	-
Qatar-Uzbekistan	149	126
Qatar-Viet Nam	323,345	274,843
Republic of Korea-Albania	-	-
Republic of Korea-Armenia	524	445
Republic of Korea-Australia	246,768	209,753
Republic of Korea-Austria	171,404	145,694
Republic of Korea-Azerbaijan	28,300	24,055
Republic of Korea-Bangladesh	24	20
Republic of Korea-Belgium	248	211
Republic of Korea-Brunei Darussalam	8,565	7,280
Republic of Korea-Cambodia	69,569	59,134
Republic of Korea-Canada	279,397	237,487
Republic of Korea-China	2,750,374	2,337,817
Republic of Korea-Croatia	-	-
Republic of Korea-Cyprus	57	49
Republic of Korea-Czechia	91,203	77,523
Republic of Korea-Egypt	3,756	3,192
Republic of Korea-Equatorial Guinea	119	101
Republic of Korea-Ethiopia	46,824	39,800
Republic of Korea-Fiji	-	-
Republic of Korea-Finland	61,522	52,294
Republic of Korea-France	362,971	308,525
Republic of Korea-Georgia	512	435
Republic of Korea-Germany	642,454	546,086
Republic of Korea-Greece	1,827	1,553
Republic of Korea-Hungary	48*	41*
Republic of Korea-India	102,588	87,200
Republic of Korea-Indonesia	273,305	232,309
Republic of Korea-Israel	-	-
Republic of Korea-Italy	314,278	267,136
Republic of Korea-Japan	1,114,790	947,571
Republic of Korea-Jordan	640	544
Republic of Korea-Kazakhstan	61,505	52,279
Republic of Korea-Lao People's Democratic Republic	64,155	54,532

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Republic of Korea-Latvia	532	452
Republic of Korea-Lebanon	1,033	878
Republic of Korea-Lithuania	163	138
Republic of Korea-Malaysia	447,257	380,169
Republic of Korea-Mexico	44,461	37,791
Republic of Korea-Mongolia	53,320	45,322
Republic of Korea-Myanmar	641*	545*
Republic of Korea-Nepal	-	-
Republic of Korea-Netherlands	201,021	170,868
Republic of Korea-New Zealand	84,069	71,459
Republic of Korea-Norway	1,811	1,540
Republic of Korea-Pakistan	-	-
Republic of Korea-Palau	8,853	7,525
Republic of Korea-Philippines	647,546	550,414
Republic of Korea-Poland	-	-
Republic of Korea-Portugal	4,765	4,050
Republic of Korea-Qatar	-	-
Republic of Korea-Russian Federation	467,054	396,996
Republic of Korea-Saudi Arabia	488	415
Republic of Korea-Singapore	411,366	349,661
Republic of Korea-South Africa	17	15
Republic of Korea-Spain	152,768	129,852
Republic of Korea-Sri Lanka	23,619	20,077
Republic of Korea-Sweden	42	35
Republic of Korea-Switzerland	25,520	21,692
Republic of Korea-Thailand	936,028	795,624
Republic of Korea-Türkiye	282,415	240,053
Republic of Korea-United Arab Emirates	310,501	263,926
Republic of Korea-United Kingdom	308,092	261,878
Republic of Korea-United States	3,961,980	3,367,683
Republic of Korea-Uzbekistan	86,874	73,843
Republic of Korea-Viet Nam	1,625,638	1,381,792
Republic of Moldova-Armenia	-	-
Republic of Moldova-Austria	4,853	4,125
Republic of Moldova-Azerbaijan	22	19
Republic of Moldova-Belarus	-	-
Republic of Moldova-Belgium	2,176*	1,850*
Republic of Moldova-Bulgaria	8*	6*
Republic of Moldova-Croatia	-	-
Republic of Moldova-Cyprus	1,370	1,165
Republic of Moldova-Czechia	58	49
Republic of Moldova-Denmark	782	665
Republic of Moldova-Egypt	-	-
Republic of Moldova-Estonia	-	-
Republic of Moldova-France	8,876	7,545

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Republic of Moldova-Germany	18,303	15,557
Republic of Moldova-Greece	1,879	1,597
Republic of Moldova-Hungary	72	61
Republic of Moldova-India	-	-
Republic of Moldova-Ireland	109*	93*
Republic of Moldova-Israel	6,211	5,279
Republic of Moldova-Italy	34,632	29,437
Republic of Moldova-Latvia	9	8
Republic of Moldova-Lebanon	9	7
Republic of Moldova-Maldives	32	27
Republic of Moldova-Montenegro	-	-
Republic of Moldova-Oman	-	-
Republic of Moldova-Poland	2,430	2,066
Republic of Moldova-Portugal	-	-
Republic of Moldova-Qatar	45	38
Republic of Moldova-Romania	3,217	2,735
Republic of Moldova-Russian Federation	42,148	35,826
Republic of Moldova-Slovenia	-	-
Republic of Moldova-Spain	2,605*	2,214*
Republic of Moldova-Sweden	41	34
Republic of Moldova-Switzerland	8*	7*
Republic of Moldova-Thailand	94	80
Republic of Moldova-Türkiye	16,988	14,440
Republic of Moldova-Ukraine	2,649	2,252
Republic of Moldova-United Arab Emirates	217	185
Republic of Moldova-United Kingdom	19,685	16,732
Romania-Afghanistan	8,704	7,398
Romania-Albania	107	91
Romania-Armenia	1,476	1,254
Romania-Austria	33,995	28,896
Romania-Azerbaijan	202	171
Romania-Bahrain	42	35
Romania-Belarus	4	4
Romania-Belgium	52,535	44,655
Romania-Bosnia and Herzegovina	33	28
Romania-Bulgaria	2,541	2,160
Romania-Canada	12,109	10,292
Romania-China	50	43
Romania-Croatia	501	426
Romania-Cyprus	13,899	11,814
Romania-Czechia	7,682	6,530
Romania-Denmark	11,712	9,955
Romania-Djibouti	215	183
Romania-Egypt	9,813	8,341
Romania-Estonia	16*	14*

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Romania-Ethiopia	70	59
Romania-Finland	3,044	2,588
Romania-France	94,429	80,264
Romania-Georgia	1,433	1,218
Romania-Germany	178,921	152,083
Romania-Greece	24,645	20,948
Romania-Hungary	7,550	6,417
Romania-Iceland	114	97
Romania-India	52	44
Romania-Iran (Islamic Republic of)	-	-
Romania-Iraq	3,318	2,821
Romania-Ireland	21,937	18,646
Romania-Israel	54,769	46,553
Romania-Italy	169,410	143,999
Romania-Japan	52	44
Romania-Jordan	7,065	6,005
Romania-Kazakhstan	62	52
Romania-Kuwait	180	153
Romania-Latvia	13	11
Romania-Lebanon	3,576	3,040
Romania-Lithuania	185	158
Romania-Luxembourg	4	4
Romania-Mali	300	255
Romania-Malta	3,637	3,091
Romania-Montenegro	71	61
Romania-Morocco	946	804
Romania-Netherlands	45,569	38,734
Romania-North Macedonia	28	23
Romania-Norway	5,196	4,416
Romania-Oman	-	-
Romania-Poland	14,833	12,608
Romania-Portugal	9,401	7,991
Romania-Qatar	-	-
Romania-Republic of Moldova	3,108	2,642
Romania-Russian Federation	11,402	9,692
Romania-Saudi Arabia	73	62
Romania-Serbia	2,279	1,937
Romania-Singapore	48	41
Romania-Slovakia	31	26
Romania-Slovenia	85	73
Romania-Spain	142,123	120,805
Romania-Sri Lanka	344	292
Romania-Sweden	12,556	10,673
Romania-Switzerland	10,240	8,704
Romania-Tunisia	2,049	1,742

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Romania-Türkiye	51,207	43,526
Romania-Ukraine	153	130
Romania-United Arab Emirates	26,004	22,103
Romania-United Kingdom	242,209	205,878
Romania-United States	33,278	28,286
Russian Federation-Albania	210	178
Russian Federation-Algeria	2,179	1,852
Russian Federation-Angola	273	232
Russian Federation-Antigua and Barbuda	-	-
Russian Federation-Armenia	146,601	124,611
Russian Federation-Austria	89,238	75,852
Russian Federation-Azerbaijan	103,156	87,682
Russian Federation-Bahamas	109	92
Russian Federation-Bahrain	13,019	11,066
Russian Federation-Bangladesh	525*	446*
Russian Federation-Belarus	96,891	82,358
Russian Federation-Belgium	54,611	46,420
Russian Federation-Bhutan	41	35
Russian Federation-Bolivia (Plurinational State of)	1,909	1,623
Russian Federation-Bosnia and Herzegovina	13*	11*
Russian Federation-Bulgaria	57,458	48,840
Russian Federation-Burkina Faso	109	93
Russian Federation-Cabo Verde	198	168
Russian Federation-Cambodia	119	101
Russian Federation-Cameroon	38	32
Russian Federation-Canada	302	257
Russian Federation-China	1,379,630	1,172,686
Russian Federation-Congo	-	-
Russian Federation-Croatia	17,701	15,046
Russian Federation-Cuba	124,270	105,629
Russian Federation-Cyprus	151,541	128,810
Russian Federation-Czechia	112,672	95,771
Russian Federation-Denmark	14,247	12,110
Russian Federation-Djibouti	-	-
Russian Federation-Dominican Republic	88,062*	74,853*
Russian Federation-Egypt	20,299	17,254
Russian Federation-Estonia	8,567	7,282
Russian Federation-Ethiopia	7,376	6,270
Russian Federation-Finland	37,970	32,274
Russian Federation-France	219,811	186,840
Russian Federation-Gabon	-	-
Russian Federation-Georgia	48,333	41,083
Russian Federation-Germany	571,055	485,396
Russian Federation-Ghana	187	159
Russian Federation-Greece	139,400	118,490

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Russian Federation-Grenada	52*	44*
Russian Federation-Hungary	38,583	32,796
Russian Federation-Iceland	2,468	2,098
Russian Federation-India	124,887	106,154
Russian Federation-Indonesia	36,196	30,767
Russian Federation-Iran (Islamic Republic of)	28,351	24,098
Russian Federation-Iraq	2,771	2,355
Russian Federation-Ireland	11,820	10,047
Russian Federation-Israel	156,856	133,328
Russian Federation-Italy	381,778	324,511
Russian Federation-Jamaica	3,121	2,653
Russian Federation-Japan	220,512	187,436
Russian Federation-Jordan	9,961	8,467
Russian Federation-Kazakhstan	210,424	178,861
Russian Federation-Kuwait	287	244
Russian Federation-Kyrgyzstan	143,808	122,237
Russian Federation-Lao People's Democratic Republic	34	28
Russian Federation-Latvia	45,827	38,953
Russian Federation-Lebanon	6,138	5,217
Russian Federation-Libya	30	26
Russian Federation-Lithuania	11,657	9,909
Russian Federation-Luxembourg	145,455	123,637
Russian Federation-Malaysia	523	445
Russian Federation-Maldives	49,171	41,795
Russian Federation-Malta	6,389	5,431
Russian Federation-Mauritius	205	175
Russian Federation-Mexico	34,446*	29,279*
Russian Federation-Mongolia	27,239	23,153
Russian Federation-Montenegro	52,646	44,749
Russian Federation-Morocco	7,012	5,960
Russian Federation-Myanmar	501	426
Russian Federation-Namibia	149	127
Russian Federation-Nepal	30	25
Russian Federation-Netherlands	117,082	99,520
Russian Federation-Nigeria	36	30
Russian Federation-North Macedonia	144	122
Russian Federation-Norway	14,531	12,352
Russian Federation-Oman	13,426	11,412
Russian Federation-Pakistan	128	109
Russian Federation-Philippines	206	175
Russian Federation-Poland	30,929	26,290
Russian Federation-Portugal	30,004	25,504
Russian Federation-Qatar	51,045	43,388
Russian Federation-Republic of Korea	274,414	233,252
Russian Federation-Republic of Moldova	42,379	36,022

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Russian Federation-Romania	11,091	9,427
Russian Federation-Saint Lucia	-	-
Russian Federation-Saint Vincent and the Grenadines	102	87
Russian Federation-Saudi Arabia	3,493	2,969
Russian Federation-Senegal	146	124
Russian Federation-Serbia	36,916	31,378
Russian Federation-Seychelles	889	756
Russian Federation-Singapore	121,098	102,934
Russian Federation-Slovakia	5,426	4,613
Russian Federation-Slovenia	8,793	7,474
Russian Federation-South Africa	150	128
Russian Federation-Spain	327,927	278,738
Russian Federation-Sri Lanka	36,574	31,088
Russian Federation-Sudan	167	142
Russian Federation-Sweden	30,471	25,901
Russian Federation-Switzerland	81,831	69,556
Russian Federation-Tajikistan	181,684	154,431
Russian Federation-Thailand	566,079	481,167
Russian Federation-Tunisia	86,799	73,779
Russian Federation-Türkiye	926,894	787,860
Russian Federation-Turkmenistan	24,205	20,575
Russian Federation-Uganda	72	61
Russian Federation-Ukraine	10,070	8,560
Russian Federation-United Arab Emirates	356,910	303,374
Russian Federation-United Kingdom	172,167	146,342
Russian Federation-United Republic of Tanzania	187	159
Russian Federation-United States	484,231	411,596
Russian Federation-Uzbekistan	334,845	284,618
Russian Federation-Venezuela (Bolivarian Republic of)	-	-
Russian Federation-Viet Nam	289,778	246,311
Rwanda-Angola	33	28
Rwanda-Austria	38	32
Rwanda-Belgium	161*	137*
Rwanda-Benin	79	67
Rwanda-Botswana	43*	37*
Rwanda-Burundi	2,852	2,424
Rwanda-Cameroon	-	-
Rwanda-Central African Republic	-	-
Rwanda-Chad	24	21
Rwanda-Comoros	8	7
Rwanda-Congo	-	-
Rwanda-Democratic Republic of the Congo	3,979	3,382
Rwanda-Djibouti	22	19
Rwanda-Egypt	211	179
Rwanda-Ethiopia	9,488	8,065

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Rwanda-Gabon	1,186	1,008
Rwanda-Germany	30	25
Rwanda-Ghana	526	447
Rwanda-Greece	94	80
Rwanda-India	16,328	13,879
Rwanda-Israel	-	-
Rwanda-Italy	33	28
Rwanda-Kenya	12,510	10,634
Rwanda-Lithuania	-	-
Rwanda-Mali	-	-
Rwanda-Morocco	93	79
Rwanda-Nigeria	20,913	17,776
Rwanda-Portugal	460	391
Rwanda-Qatar	-	-
Rwanda-Russian Federation	38	32
Rwanda-Saudi Arabia	26	22
Rwanda-Senegal	1,176	999
Rwanda-South Africa	11,038	9,382
Rwanda-South Sudan	526	447
Rwanda-Spain	-	-
Rwanda-Sudan	-	-
Rwanda-Switzerland	-	-
Rwanda-Togo	49	42
Rwanda-Tunisia	77	65
Rwanda-Türkiye	-	-
Rwanda-Uganda	17,887	15,204
Rwanda-Ukraine	122	104
Rwanda-United Arab Emirates	19,649	16,702
Rwanda-United Kingdom	360	306
Rwanda-United Republic of Tanzania	4,978	4,231
Rwanda-Zambia	9,105	7,740
Rwanda-Zimbabwe	4,960	4,216
Saint Kitts and Nevis-Antigua and Barbuda	1,832	1,557
Saint Kitts and Nevis-Bahamas	55	46
Saint Kitts and Nevis-Barbados	63	54
Saint Kitts and Nevis-Brazil	26	22
Saint Kitts and Nevis-Canada	1,315	1,118
Saint Kitts and Nevis-Dominica	3	3
Saint Kitts and Nevis-Dominican Republic	149	126
Saint Kitts and Nevis-France	106	90
Saint Kitts and Nevis-Grenada	3	3
Saint Kitts and Nevis-Haiti	186	158
Saint Kitts and Nevis-Jamaica	234	199
Saint Kitts and Nevis-Montenegro	44	37
Saint Kitts and Nevis-Netherlands	375	319

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Saint Kitts and Nevis-Saint Lucia	34	29
Saint Kitts and Nevis-Suriname	32	28
Saint Kitts and Nevis-Trinidad and Tobago	141	120
Saint Kitts and Nevis-United Kingdom	492	418
Saint Kitts and Nevis-United States	25,310	21,513
Saint Lucia-Antigua and Barbuda	913	776
Saint Lucia-Bahamas	21	18
Saint Lucia-Barbados	1,746	1,484
Saint Lucia-Canada	16,090	13,676
Saint Lucia-Colombia	72	61
Saint Lucia-Cuba	22	19
Saint Lucia-Dominica	291	247
Saint Lucia-Dominican Republic	17	14
Saint Lucia-Finland	45	38
Saint Lucia-France	242	206
Saint Lucia-Germany	44	38
Saint Lucia-Grenada	2,734	2,324
Saint Lucia-Haiti	29	24
Saint Lucia-Jamaica	21	17
Saint Lucia-Mexico	28	23
Saint Lucia-Netherlands	56	48
Saint Lucia-Saint Kitts and Nevis	22	19
Saint Lucia-Saint Vincent and the Grenadines	533	453
Saint Lucia-Spain	37	31
Saint Lucia-Switzerland	37	31
Saint Lucia-Trinidad and Tobago	7,927	6,738
Saint Lucia-United Kingdom	92,554	78,671
Saint Lucia-United States	58,013	49,311
Saint Vincent and the Grenadines-Antigua and Barbuda	17	15
Saint Vincent and the Grenadines-Bahamas	57	49
Saint Vincent and the Grenadines-Barbados	1,994	1,695
Saint Vincent and the Grenadines-Belgium	28	23
Saint Vincent and the Grenadines-Brazil	20	17
Saint Vincent and the Grenadines-Cabo Verde	23	19
Saint Vincent and the Grenadines-Canada	3,327	2,828
Saint Vincent and the Grenadines-Chile	225	191
Saint Vincent and the Grenadines-Costa Rica	10	9
Saint Vincent and the Grenadines-Cuba	16	14
Saint Vincent and the Grenadines-France	26	22
Saint Vincent and the Grenadines-Grenada	70	60
Saint Vincent and the Grenadines-Italy	44	38
Saint Vincent and the Grenadines-Jamaica	7	6
Saint Vincent and the Grenadines-Netherlands	55	47
Saint Vincent and the Grenadines-Portugal	18	15

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Saint Vincent and the Grenadines-Russian Federation	48	41
Saint Vincent and the Grenadines-Saint Kitts and Nevis	35	30
Saint Vincent and the Grenadines-Saint Lucia	381	324
Saint Vincent and the Grenadines-Suriname	24	21
Saint Vincent and the Grenadines-Trinidad and Tobago	2,204	1,874
Saint Vincent and the Grenadines-United Kingdom	491	417
Saint Vincent and the Grenadines-United States	6,471	5,501
Samoa-Australia	16,909	14,373
Samoa-China	213	181
Samoa-Fiji	3,110	2,643
Samoa-France	302	256
Samoa-New Zealand	10,930*	9,291*
Samoa-Papua New Guinea	459	390
Samoa-Philippines	78	66
Samoa-United States	121*	103*
Samoa-Vanuatu	-	-
Sao Tome and Principe-Angola	15	13
Sao Tome and Principe-Congo	-	-
Sao Tome and Principe-Equatorial Guinea	395	336
Sao Tome and Principe-Gabon	305	260
Sao Tome and Principe-Germany	677	575
Sao Tome and Principe-Ghana	2,068	1,758
Sao Tome and Principe-Nigeria	-	-
Sao Tome and Principe-Portugal	92	78
Sao Tome and Principe-Seychelles	60	51
Sao Tome and Principe-Switzerland	22	19
Sao Tome and Principe-Togo	-	-
Sao Tome and Principe-United Kingdom	39*	33*
Saudi Arabia-Afghanistan	34,234*	29,099*
Saudi Arabia-Albania	-	-
Saudi Arabia-Algeria	175,601	149,260
Saudi Arabia-Argentina	466	396
Saudi Arabia-Austria	10,952	9,310
Saudi Arabia-Azerbaijan	10,987	9,339
Saudi Arabia-Bahrain	92,058	78,250
Saudi Arabia-Bangladesh	377,548	320,916
Saudi Arabia-Belarus	-	-
Saudi Arabia-Belgium	14,432	12,267
Saudi Arabia-Benin	1,431	1,216
Saudi Arabia-Bosnia and Herzegovina	-	-
Saudi Arabia-Brunei Darussalam	9,010	7,658
Saudi Arabia-Bulgaria	553	470
Saudi Arabia-Burkina Faso	411	350

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Saudi Arabia-Burundi	41	35
Saudi Arabia-Cabo Verde	-	-
Saudi Arabia-Cambodia	1,597*	1,358*
Saudi Arabia-Cameroon	1,483	1,260
Saudi Arabia-Canada	-	-
Saudi Arabia-Central African Republic	34	29
Saudi Arabia-Chad	1,461	1,242
Saudi Arabia-China	179,620	152,677
Saudi Arabia-Comoros	-	-
Saudi Arabia-Congo	-	-
Saudi Arabia-Côte d'Ivoire	-	-
Saudi Arabia-Croatia	29	24
Saudi Arabia-Cyprus	900	765
Saudi Arabia-Czechia	15*	13*
Saudi Arabia-Democratic Republic of the Congo	33	28
Saudi Arabia-Denmark	22*	18*
Saudi Arabia-Djibouti	1,233	1,048
Saudi Arabia-Egypt	585,922	498,034
Saudi Arabia-Eritrea	3,210	2,728
Saudi Arabia-Estonia	13	11
Saudi Arabia-Ethiopia	69,216	58,833
Saudi Arabia-France	110,713	94,106
Saudi Arabia-Gabon	23	20
Saudi Arabia-Gambia	58*	49*
Saudi Arabia-Georgia	6,301	5,356
Saudi Arabia-Germany	145,203	123,422
Saudi Arabia-Ghana	33*	28*
Saudi Arabia-Greece	9,396	7,987
Saudi Arabia-Guinea	6,887	5,854
Saudi Arabia-Hungary	41*	35*
Saudi Arabia-Iceland	64*	54*
Saudi Arabia-India	647,001	549,951
Saudi Arabia-Indonesia	386,394*	328,435*
Saudi Arabia-Iran (Islamic Republic of)	-	-
Saudi Arabia-Iraq	45,764	38,900
Saudi Arabia-Ireland	793	674
Saudi Arabia-Italy	42,446	36,079
Saudi Arabia-Japan	3,287	2,794
Saudi Arabia-Jordan	82,415	70,053
Saudi Arabia-Kazakhstan	1,067	907
Saudi Arabia-Kenya	32,966	28,021
Saudi Arabia-Kuwait	103,409	87,898
Saudi Arabia-Kyrgyzstan	2,648	2,251
Saudi Arabia-Latvia	131	112
Saudi Arabia-Lebanon	96,627	82,133

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Saudi Arabia-Libya	11,388	9,679
Saudi Arabia-Lithuania	83	70
Saudi Arabia-Luxembourg	134	114
Saudi Arabia-Malaysia	431,678	366,926
Saudi Arabia-Maldives	12,891	10,957
Saudi Arabia-Mali	3,802	3,232
Saudi Arabia-Malta	255	217
Saudi Arabia-Mauritania	-	-
Saudi Arabia-Mauritius	30*	26*
Saudi Arabia-Montenegro	21	18
Saudi Arabia-Morocco	161,743	137,482
Saudi Arabia-Nepal	-	-
Saudi Arabia-Netherlands	100,019	85,016
Saudi Arabia-Niger	1,525	1,297
Saudi Arabia-Nigeria	41*	35*
Saudi Arabia-North Macedonia	271	230
Saudi Arabia-Oman	106,460	90,491
Saudi Arabia-Pakistan	663,694	564,140
Saudi Arabia-Philippines	104,177*	88,550*
Saudi Arabia-Poland	116	99
Saudi Arabia-Portugal	33*	28*
Saudi Arabia-Qatar	784	666
Saudi Arabia-Republic of Korea	2,459	2,090
Saudi Arabia-Romania	63	53
Saudi Arabia-Russian Federation	3,234	2,749
Saudi Arabia-Rwanda	21	18
Saudi Arabia-Senegal	6,709	5,703
Saudi Arabia-Serbia	40	34
Saudi Arabia-Seychelles	152	130
Saudi Arabia-Sierra Leone	-	-
Saudi Arabia-Singapore	40,176	34,149
Saudi Arabia-Slovakia	57	49
Saudi Arabia-Slovenia	99	84
Saudi Arabia-Somalia	912	775
Saudi Arabia-South Africa	147*	125*
Saudi Arabia-Spain	44,553	37,870
Saudi Arabia-Sri Lanka	71,795*	61,026*
Saudi Arabia-Sudan	77,876	66,195
Saudi Arabia-Sweden	101	86
Saudi Arabia-Switzerland	28,028	23,824
Saudi Arabia-Tajikistan	877	746
Saudi Arabia-Thailand	8,489	7,215
Saudi Arabia-Togo	616*	524*
Saudi Arabia-Tunisia	70,734	60,124
Saudi Arabia-Türkiye	458,101	389,386

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Saudi Arabia-Turkmenistan	149	126
Saudi Arabia-Uganda	1,066	906
Saudi Arabia-Ukraine	310	264
Saudi Arabia-United Arab Emirates	700,851	595,724
Saudi Arabia-United Kingdom	244,445	207,779
Saudi Arabia-United Republic of Tanzania	130	111
Saudi Arabia-United States	342,763	291,348
Saudi Arabia-Uzbekistan	13,728	11,668
Saudi Arabia-Viet Nam	9,470	8,050
Saudi Arabia-Yemen	12,994	11,045
Saudi Arabia-Zimbabwe	-	-
Senegal-Algeria	70*	60*
Senegal-Argentina	168	143
Senegal-Barbados	165	140
Senegal-Belarus	-	-
Senegal-Belgium	36,512	31,035
Senegal-Benin	2,744	2,333
Senegal-Brazil	43,232	36,747
Senegal-Burkina Faso	1,291	1,097
Senegal-Cabo Verde	3,849	3,272
Senegal-Cameroon	51	44
Senegal-Central African Republic	567	482
Senegal-Chad	76	64
Senegal-Chile	711*	605*
Senegal-Congo	42	36
Senegal-Côte d'Ivoire	16,695	14,191
Senegal-Cuba	113	96
Senegal-Czechia	2,564	2,180
Senegal-Democratic Republic of the Congo	81	69
Senegal-Egypt	51	43
Senegal-Estonia	-	-
Senegal-Ethiopia	897	763
Senegal-France	80,786	68,668
Senegal-Gambia	4,140	3,519
Senegal-Germany	21,103	17,937
Senegal-Ghana	301	256
Senegal-Guinea	7,035	5,980
Senegal-Guinea-Bissau	627*	533*
Senegal-Haiti	671	570
Senegal-Ireland	168	143
Senegal-Italy	15,945	13,553
Senegal-Jordan	142	121
Senegal-Kenya	232	197
Senegal-Lebanon	110	93
Senegal-Liberia	43	37

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Senegal-Madagascar	173	147
Senegal-Mali	17,846	15,169
Senegal-Malta	21	18
Senegal-Mauritania	3,308	2,812
Senegal-Morocco	32,409	27,548
Senegal-Netherlands	186	158
Senegal-Niger	104	89
Senegal-Nigeria	5,455	4,636
Senegal-Norway	164	139
Senegal-Paraguay	141	120
Senegal-Peru	155	132
Senegal-Portugal	14,818	12,595
Senegal-Russian Federation	120	102
Senegal-Rwanda	1,138	967
Senegal-Saudi Arabia	6,019	5,116
Senegal-Sierra Leone	80	68
Senegal-South Africa	389	331
Senegal-South Sudan	670	570
Senegal-Spain	23,090	19,627
Senegal-Switzerland	85	72
Senegal-Togo	7,185	6,107
Senegal-Tunisia	4,066	3,456
Senegal-Türkiye	34,292	29,148
Senegal-United Arab Emirates	127*	108*
Senegal-United Kingdom	645	548
Senegal-United States	14,159	12,035
Senegal-Uruguay	984	836
Senegal-Venezuela (Bolivarian Republic of)	-	-
Senegal-Zambia	114	97
Serbia-Afghanistan	192	163
Serbia-Albania	1,273	1,082
Serbia-Algeria	85	72
Serbia-Armenia	1,640	1,394
Serbia-Austria	16,369	13,914
Serbia-Azerbaijan	188	160
Serbia-Belarus	-	-
Serbia-Belgium	5,734	4,874
Serbia-Bolivia (Plurinational State of)	183	155
Serbia-Bosnia and Herzegovina	1,224	1,040
Serbia-Bulgaria	898	763
Serbia-Cameroon	266	226
Serbia-Croatia	3,359	2,855
Serbia-Cyprus	4,138	3,517
Serbia-Czechia	1,594	1,355
Serbia-Denmark	4,896	4,162

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Serbia-Egypt	11,190	9,512
Serbia-Estonia	47	40
Serbia-Finland	1,957	1,663
Serbia-France	28,276	24,035
Serbia-Georgia	29	25
Serbia-Germany	69,594	59,155
Serbia-Greece	21,031	17,876
Serbia-Hungary	1,716	1,459
Serbia-India	128	109
Serbia-Iran (Islamic Republic of)	-	-
Serbia-Iraq	8	7
Serbia-Ireland	177	151
Serbia-Israel	7,445	6,328
Serbia-Italy	15,408	13,097
Serbia-Jordan	237	201
Serbia-Kazakhstan	126	107
Serbia-Kuwait	66	56
Serbia-Latvia	46	39
Serbia-Lebanon	4,175	3,549
Serbia-Lithuania	127	108
Serbia-Luxembourg	49	41
Serbia-Malta	2,734	2,324
Serbia-Montenegro	13,753	11,690
Serbia-Morocco	213	181
Serbia-Netherlands	15,557	13,223
Serbia-North Macedonia	1,253	1,065
Serbia-Norway	5,991	5,093
Serbia-Poland	4,381	3,724
Serbia-Portugal	77	65
Serbia-Qatar	-	-
Serbia-Republic of Moldova	57	48
Serbia-Romania	2,104	1,788
Serbia-Russian Federation	37,395	31,786
Serbia-Rwanda	248	211
Serbia-Saudi Arabia	1,867	1,587
Serbia-Slovakia	926	787
Serbia-Slovenia	4,746	4,034
Serbia-Somalia	183	156
Serbia-Spain	4,942	4,201
Serbia-Sweden	18,590	15,801
Serbia-Switzerland	27,361	23,257
Serbia-Tunisia	1,477	1,255
Serbia-Türkiye	20,614	17,522
Serbia-Ukraine	994	845
Serbia-United Arab Emirates	31,561	26,827

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Serbia-United Kingdom	15,895	13,511
Serbia-United States	30,704	26,098
Seychelles-Angola	47*	40*
Seychelles-Austria	2,750	2,337
Seychelles-China	328	279
Seychelles-Comoros	1,341	1,140
Seychelles-Cyprus	103	87
Seychelles-Czechia	106	90
Seychelles-Djibouti	34	28
Seychelles-Egypt	34	29
Seychelles-Ethiopia	8,900	7,565
Seychelles-Finland	54	46
Seychelles-France	18,163	15,439
Seychelles-Germany	15,291	12,997
Seychelles-Greece	54	46
Seychelles-India	10,681	9,078
Seychelles-Israel	1,961	1,667
Seychelles-Japan	55	47
Seychelles-Kenya	67*	57*
Seychelles-Kuwait	25	21
Seychelles-Lebanon	40*	34*
Seychelles-Madagascar	653	555
Seychelles-Maldives	98	83
Seychelles-Mauritius	6,057	5,149
Seychelles-Namibia	28	24
Seychelles-Poland	-	-
Seychelles-Qatar	-	-
Seychelles-Russian Federation	774	658
Seychelles-Rwanda	43	37
Seychelles-Saudi Arabia	109	93
Seychelles-Singapore	66	56
Seychelles-South Africa	13,255	11,267
Seychelles-Sri Lanka	4,981	4,234
Seychelles-Switzerland	9,252	7,864
Seychelles-Thailand	112	95
Seychelles-Türkiye	19,593	16,654
Seychelles-Uganda	25	21
Seychelles-United Arab Emirates	74,282	63,140
Seychelles-United Kingdom	17,217	14,634
Seychelles-United Republic of Tanzania	46	39
Seychelles-Zambia	22*	19*
Seychelles-Zimbabwe	31	26
Sierra Leone-Belgium	910	774
Sierra Leone-Burkina Faso	1,574	1,338
Sierra Leone-Côte d'Ivoire	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Sierra Leone-Ethiopia	113	96
Sierra Leone-France	155	132
Sierra Leone-Gambia	1,657	1,408
Sierra Leone-Germany	106	90
Sierra Leone-Ghana	7,770	6,604
Sierra Leone-Guinea	1,606	1,365
Sierra Leone-Kenya	-	-
Sierra Leone-Liberia	5,404	4,594
Sierra Leone-Mauritania	108	92
Sierra Leone-Morocco	-	-
Sierra Leone-Netherlands	229	195
Sierra Leone-Nigeria	-	-
Sierra Leone-Saudi Arabia	57*	48*
Sierra Leone-Senegal	90	77
Sierra Leone-Spain	24	20
Sierra Leone-Togo	31*	27*
Sierra Leone-Türkiye	363	309
Sierra Leone-United Arab Emirates	125	106
Singapore-Australia	1,959,407	1,665,496
Singapore-Austria	504	428
Singapore-Azerbaijan	6,062	5,153
Singapore-Bahrain	1,549	1,316
Singapore-Bangladesh	59,561	50,627
Singapore-Belgium	231	196
Singapore-Bhutan	20*	17*
Singapore-Brunei Darussalam	20,814	17,692
Singapore-Cambodia (excluding data from Singapore)	150	128
Singapore-Canada	1,567	1,332
Singapore-China	2,253,058	1,915,099
Singapore-Cyprus	103	87
Singapore-Denmark (excluding data from Singapore)	0	0
Singapore-Djibouti	-	-
Singapore-Estonia	103	87
Singapore-Ethiopia	33,311	28,315
Singapore-Fiji	-	-
Singapore-Finland	83,042	70,586
Singapore-France	310,730	264,120
Singapore-Germany	739,636	628,690
Singapore-Greece	55*	47*
Singapore-India	764,880	650,148
Singapore-Indonesia	638,482	542,710
Singapore-Italy	121,192	103,013
Singapore-Japan	945,933	804,043
Singapore-Jordan	-	-
Singapore-Kazakhstan	1,574	1,337

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Singapore-Lao People's Democratic Republic	3,335	2,835
Singapore-Latvia	57	49
Singapore-Malaysia	242,861	206,432
Singapore-Maldives (excluding data from Singapore)	372	316
Singapore-Mauritius	19,713	16,756
Singapore-Myanmar	66,098	56,184
Singapore-Nepal	55*	47*
Singapore-Netherlands	222,222	188,889
Singapore-New Zealand	292,023	248,220
Singapore-Oman	458	389
Singapore-Papua New Guinea	23,138	19,667
Singapore-Philippines	200,449	170,382
Singapore-Poland	450*	383*
Singapore-Portugal	283	241
Singapore-Qatar	163,909	139,323
Singapore-Republic of Korea	429,063	364,703
Singapore-Russian Federation	54,601	46,411
Singapore-Rwanda	-	-
Singapore-Saudi Arabia	50,683	43,081
Singapore-Seychelles	88	75
Singapore-Solomon Islands	38	32
Singapore-South Africa	106,064	90,155
Singapore-Spain	223*	190*
Singapore-Sri Lanka	72,064	61,255
Singapore-Switzerland	302,914	257,477
Singapore-Thailand	448,493	381,219
Singapore-Timor-Leste	-	-
Singapore-Türkiye	153,905	130,819
Singapore-Turkmenistan	5,386	4,578
Singapore-United Arab Emirates	475,307	404,011
Singapore-United Kingdom	1,243,707	1,057,151
Singapore-United Republic of Tanzania	45	38
Singapore-United States	599,682	509,730
Singapore-Uzbekistan	2,331	1,981
Singapore-Viet Nam	210,844	179,218
Slovakia-Afghanistan	262	223
Slovakia-Albania	6*	5*
Slovakia-Austria	2,693	2,289
Slovakia-Azerbaijan	136*	116*
Slovakia-Bahrain	16	14
Slovakia-Belarus	34	29
Slovakia-Belgium	2,298	1,953
Slovakia-Bosnia and Herzegovina	4	4
Slovakia-Bulgaria	5,927	5,038
Slovakia-Cabo Verde	396	337

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Slovakia-Croatia	190	162
Slovakia-Cyprus	5,775	4,909
Slovakia-Czechia	2,241	1,905
Slovakia-Denmark	18	16
Slovakia-Egypt	13,088	11,125
Slovakia-Estonia	9	8
Slovakia-Ethiopia	80	68
Slovakia-Finland	204	174
Slovakia-France	2,251	1,914
Slovakia-Georgia	73	62
Slovakia-Germany	7,494	6,370
Slovakia-Greece	11,815	10,042
Slovakia-Hungary	256	218
Slovakia-Iceland	161	137
Slovakia-India	41	35
Slovakia-Ireland	7,598	6,458
Slovakia-Israel	1,929	1,640
Slovakia-Italy	8,110	6,894
Slovakia-Jordan	554	471
Slovakia-Kazakhstan	30	26
Slovakia-Latvia	211	180
Slovakia-Lebanon	11	9
Slovakia-Lithuania	22*	18*
Slovakia-Luxembourg	27	23
Slovakia-Maldives	39*	33*
Slovakia-Mali	-	-
Slovakia-Malta	1,644	1,398
Slovakia-Montenegro	261	222
Slovakia-Morocco	1,764	1,500
Slovakia-Netherlands	1,048	891
Slovakia-North Macedonia	2,018	1,716
Slovakia-Norway	75	64
Slovakia-Oman	496	422
Slovakia-Poland	2,365	2,010
Slovakia-Portugal	130	111
Slovakia-Romania	28	24
Slovakia-Russian Federation	5,455	4,637
Slovakia-Saudi Arabia	50	42
Slovakia-Serbia	894	760
Slovakia-Slovenia	21	18
Slovakia-South Africa	45	38
Slovakia-Spain	7,821	6,648
Slovakia-Sri Lanka	40	34
Slovakia-Sweden	166	141
Slovakia-Switzerland	285	242

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Slovakia-Thailand	45	38
Slovakia-Tunisia	2,227	1,893
Slovakia-Türkiye	18,728	15,918
Slovakia-Ukraine	5,492	4,668
Slovakia-United Arab Emirates	7,152	6,079
Slovakia-United Kingdom	35,719	30,361
Slovakia-United States	237	202
Slovenia-Albania	2,777*	2,361*
Slovenia-Austria	2,238	1,902
Slovenia-Azerbaijan	107	91
Slovenia-Belgium	5,801	4,931
Slovenia-Bosnia and Herzegovina	1,056	898
Slovenia-Bulgaria	675	573
Slovenia-China	92	78
Slovenia-Croatia	56	47
Slovenia-Czechia	627	533
Slovenia-Denmark	2,080	1,768
Slovenia-Egypt	3,973	3,377
Slovenia-Estonia	44	38
Slovenia-Finland	2,394	2,035
Slovenia-France	6,969	5,924
Slovenia-Georgia	51	43
Slovenia-Germany	14,227	12,093
Slovenia-Greece	3,322	2,824
Slovenia-Hungary	92	78
Slovenia-Iceland	345	293
Slovenia-Ireland	21	18
Slovenia-Israel	1,950	1,657
Slovenia-Italy	2,124	1,805
Slovenia-Japan	-	-
Slovenia-Jordan	94	80
Slovenia-Kazakhstan	102	86
Slovenia-Latvia	53	45
Slovenia-Lithuania	13	11
Slovenia-Luxembourg	14	12
Slovenia-Malta	275	233
Slovenia-Montenegro	3,070	2,609
Slovenia-Morocco	11	9
Slovenia-Netherlands	4,963	4,219
Slovenia-North Macedonia	2,482	2,110
Slovenia-Norway	140	119
Slovenia-Poland	2,682	2,280
Slovenia-Republic of Moldova	-	-
Slovenia-Romania	59	50
Slovenia-Russian Federation	8,414	7,152

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Slovenia-Saudi Arabia	81	69
Slovenia-Serbia	4,765	4,050
Slovenia-Slovakia	6	5
Slovenia-Spain	528	448
Slovenia-Sweden	74	62
Slovenia-Switzerland	4,128	3,509
Slovenia-Tunisia	547	465
Slovenia-Türkiye	12,031	10,227
Slovenia-Ukraine	16	13
Slovenia-United Kingdom	12,448	10,581
Slovenia-United States	418	355
Solomon Islands-Australia	24*	20*
Solomon Islands-China	91	77
Solomon Islands-Fiji	1,764*	1,500*
Solomon Islands-Nauru	-	-
Solomon Islands-Papua New Guinea	3,785	3,217
Solomon Islands-Singapore	38	32
Solomon Islands-Vanuatu	831*	707*
Somalia-Burundi	201	171
Somalia-Djibouti	5,734	4,874
Somalia-Ethiopia	9,591	8,153
Somalia-Kenya	-	-
Somalia-Oman	19*	16*
Somalia-Qatar	29*	25*
Somalia-Saudi Arabia	745	633
Somalia-South Sudan	15	12
Somalia-Türkiye	138	117
Somalia-United Arab Emirates	10,976	9,330
Somalia-United Republic of Tanzania	14	12
Somalia-Yemen	38	32
South Africa-Angola	9,536	8,106
South Africa-Australia	76,626*	65,132*
South Africa-Austria	12,727	10,818
South Africa-Bahrain	43	36
South Africa-Belgium	1,387	1,179
South Africa-Botswana	1,173,878	997,797
South Africa-Brazil	106,939	90,898
South Africa-Cabo Verde	263	223
South Africa-Cameroon	-	-
South Africa-China	238,236	202,500
South Africa-Comoros	22	19
South Africa-Congo	13	11
South Africa-Cyprus	39	33
South Africa-Czechia	107	91
South Africa-Democratic Republic of the Congo	11,207	9,526

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
South Africa-Denmark	41	35
South Africa-Djibouti	227	193
South Africa-Egypt	28,454	24,186
South Africa-Equatorial Guinea	26	22
South Africa-Eswatini	6,462	5,493
South Africa-Ethiopia	115,994	98,595
South Africa-France	163,571	139,035
South Africa-Gabon	4,328	3,679
South Africa-Germany	246,808	209,787
South Africa-Ghana	43,918	37,330
South Africa-Greece	217	184
South Africa-India	142*	121*
South Africa-Indonesia	-	-
South Africa-Israel	24,247	20,610
South Africa-Italy	40,081	34,069
South Africa-Jordan	44	38
South Africa-Kenya	124,173	105,547
South Africa-Kuwait	91	77
South Africa-Lesotho	3,466	2,946
South Africa-Luxembourg	1,693	1,439
South Africa-Madagascar	11,000	9,350
South Africa-Malawi	21,887	18,604
South Africa-Malaysia	502	427
South Africa-Maldives	40	34
South Africa-Malta	47	40
South Africa-Mauritania	238	202
South Africa-Mauritius	71,398	60,688
South Africa-Morocco	-	-
South Africa-Mozambique	29,754	25,291
South Africa-Namibia	87,256	74,168
South Africa-Netherlands	197,908	168,222
South Africa-Niger	170	144
South Africa-Nigeria	39,398	33,488
South Africa-Norway	190	162
South Africa-Oman	462	393
South Africa-Paraguay	373	317
South Africa-Qatar	-	-
South Africa-Republic of Korea	33	28
South Africa-Russian Federation	51	43
South Africa-Rwanda	11,772	10,006
South Africa-Saudi Arabia	24,522	20,843
South Africa-Senegal	711	604
South Africa-Seychelles	13,028	11,074
South Africa-Singapore	88,166	74,941
South Africa-Spain	19,576	16,640

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
South Africa-Sri Lanka	80	68
South Africa-Sweden	113	96
South Africa-Switzerland	108,667	92,367
South Africa-Thailand	2,375	2,019
South Africa-Togo	87	74
South Africa-Türkiye	119,878	101,897
South Africa-Uganda	13,232	11,247
South Africa-Ukraine	45	38
South Africa-United Arab Emirates	642,572	546,186
South Africa-United Kingdom	693,826	589,752
South Africa-United Republic of Tanzania	8,779	7,462
South Africa-United States	297,778	253,111
South Africa-Zambia	70,025	59,522
South Africa-Zimbabwe	74,413	63,251
South Sudan-Angola	17	14
South Sudan-Burundi	58	49
South Sudan-Cameroon	9	7
South Sudan-Democratic Republic of the Congo	11	9
South Sudan-Egypt	3,129	2,660
South Sudan-Ethiopia	5,661	4,812
South Sudan-Ghana	437	372
South Sudan-Jordan	212	180
South Sudan-Kenya	-	-
South Sudan-Rwanda	79*	67*
South Sudan-Saudi Arabia	23	20
South Sudan-Somalia	39	33
South Sudan-Sudan	622	528
South Sudan-Uganda	3,782	3,215
South Sudan-United Arab Emirates	5,372	4,566
Spain-Afghanistan	2,545	2,163
Spain-Albania	211	179
Spain-Algeria	34,260	29,121
Spain-Angola	145	123
Spain-Argentina	508,149	431,927
Spain-Armenia	622	528
Spain-Austria	174,251	148,113
Spain-Azerbaijan	1,204	1,023
Spain-Bahamas	118	101
Spain-Bahrain	2,779	2,362
Spain-Barbados	114	97
Spain-Belarus	8,084	6,871
Spain-Belgium	396,385	336,927
Spain-Bolivia (Plurinational State of)	108,179	91,952
Spain-Bosnia and Herzegovina	12	10
Spain-Brazil	422,023	358,720

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Spain-Brunei Darussalam	241	205
Spain-Bulgaria	34,859	29,630
Spain-Burkina Faso	16	14
Spain-Cabo Verde	9,186	7,808
Spain-Cameroon	-	-
Spain-Canada	152,538	129,657
Spain-Chad	13	11
Spain-Chile	312,368	265,513
Spain-China	413,023	351,070
Spain-Colombia	218,426	185,662
Spain-Costa Rica	79,736	67,775
Spain-Croatia	22,169	18,843
Spain-Cuba	178,319	151,571
Spain-Cyprus	902	767
Spain-Czechia	83,810	71,238
Spain-Democratic Republic of the Congo	158	134
Spain-Denmark	260,207	221,176
Spain-Dominican Republic	195,907	166,521
Spain-Ecuador	177,764	151,100
Spain-Egypt	37,419	31,806
Spain-Equatorial Guinea	16,379	13,922
Spain-Estonia	7,303	6,207
Spain-Ethiopia	20,434	17,369
Spain-Finland	196,452	166,984
Spain-France	720,495	612,420
Spain-Gabon	310	263
Spain-Gambia	5,184	4,406
Spain-Georgia	4,245	3,608
Spain-Germany	2,016,363	1,713,909
Spain-Ghana	169	144
Spain-Greece	70,042	59,536
Spain-Guatemala	72,817	61,894
Spain-Guinea	86	73
Spain-Guinea-Bissau	45	38
Spain-Guyana	46	39
Spain-Honduras	12,093	10,279
Spain-Hungary	61,692	52,438
Spain-Iceland	43,518	36,991
Spain-India	19,033	16,178
Spain-Indonesia	3,330	2,831
Spain-Iran (Islamic Republic of)	-	-
Spain-Iraq	364	309
Spain-Ireland	331,264	281,574
Spain-Israel	130,816	111,193
Spain-Italy	794,603	675,412

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Spain-Japan	59,200	50,320
Spain-Jordan	13,967	11,872
Spain-Kazakhstan	797	677
Spain-Kenya	39	33
Spain-Kuwait	3,971	3,375
Spain-Kyrgyzstan	23	19
Spain-Latvia	20,058	17,050
Spain-Lebanon	13,539	11,508
Spain-Liberia	13	11
Spain-Lithuania	21,232	18,047
Spain-Luxembourg	42,779	36,362
Spain-Madagascar	331	281
Spain-Maldives	40	34
Spain-Mali	1,639	1,393
Spain-Malta	19,815	16,843
Spain-Mauritania	4,048	3,441
Spain-Mauritius	3,612	3,070
Spain-Mexico	670,668	570,068
Spain-Montenegro	982	835
Spain-Morocco	113,953	96,860
Spain-Mozambique	326	277
Spain-Myanmar	55	47
Spain-Netherlands	548,150	465,928
Spain-Niger	398	338
Spain-Nigeria	1,022	869
Spain-North Macedonia	1,540	1,309
Spain-Norway	295,207	250,926
Spain-Oman	33	28
Spain-Pakistan	15,005	12,755
Spain-Panama	87,536	74,406
Spain-Paraguay	57,211	48,629
Spain-Peru	355,967	302,572
Spain-Poland	181,777	154,510
Spain-Portugal	230,213	195,681
Spain-Qatar	32*	27*
Spain-Republic of Korea	138,451	117,684
Spain-Republic of Moldova	2,385*	2,027*
Spain-Romania	131,739	111,978
Spain-Russian Federation	334,654	284,456
Spain-Rwanda	-	-
Spain-Saint Lucia	35	30
Spain-Saudi Arabia	39,334	33,434
Spain-Senegal	23,334	19,834
Spain-Serbia	7,723	6,565
Spain-Singapore	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Spain-Slovakia	7,302	6,207
Spain-Slovenia	502	427
Spain-South Africa	19,128	16,259
Spain-Sri Lanka	196	166
Spain-Sweden	352,848	299,921
Spain-Switzerland	306,202	260,272
Spain-Thailand	632	537
Spain-Trinidad and Tobago	165	140
Spain-Tunisia	7,323	6,225
Spain-Türkiye	178,798	151,978
Spain-Turkmenistan	142	120
Spain-Ukraine	64,885	55,152
Spain-United Arab Emirates	426,891	362,857
Spain-United Kingdom	2,963,024	2,518,570
Spain-United States	1,740,199	1,479,169
Spain-Uruguay	116,175	98,748
Spain-Uzbekistan	1,682	1,429
Spain-Venezuela (Bolivarian Republic of)	58,951	50,108
Spain-Zimbabwe	41	35
Sri Lanka-Angola	73	62
Sri Lanka-Australia	67,520	57,392
Sri Lanka-Azerbaijan	200	170
Sri Lanka-Bahrain	25,951	22,058
Sri Lanka-Bangladesh	12,005	10,204
Sri Lanka-Botswana	82	70
Sri Lanka-China	150,275	127,734
Sri Lanka-Democratic Republic of the Congo	71	60
Sri Lanka-Djibouti	39*	33*
Sri Lanka-Ethiopia	519	441
Sri Lanka-France	88	75
Sri Lanka-India	140,124	119,106
Sri Lanka-Indonesia	16,692	14,189
Sri Lanka-Iran (Islamic Republic of)	-	-
Sri Lanka-Italy	6,704	5,698
Sri Lanka-Japan	31,669*	26,919*
Sri Lanka-Kenya	146	124
Sri Lanka-Kuwait	66,621	56,627
Sri Lanka-Malawi	-	-
Sri Lanka-Malaysia	53,080	45,118
Sri Lanka-Maldives	65,998	56,098
Sri Lanka-Nepal	119*	101*
Sri Lanka-Netherlands	5,247	4,460
Sri Lanka-Oman	32,671	27,770
Sri Lanka-Pakistan	8,445	7,178
Sri Lanka-Poland	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Sri Lanka-Qatar	168,651	143,353
Sri Lanka-Republic of Korea	-	-
Sri Lanka-Russian Federation	35,161*	29,887*
Sri Lanka-Rwanda	-	-
Sri Lanka-Saudi Arabia	110,134	93,614
Sri Lanka-Seychelles	5,265	4,476
Sri Lanka-Singapore	77,372	65,766
Sri Lanka-South Africa	603	513
Sri Lanka-Spain	55	47
Sri Lanka-Sudan	-	-
Sri Lanka-Sweden	2,086	1,774
Sri Lanka-Switzerland	-	-
Sri Lanka-Thailand	52,779	44,862
Sri Lanka-Türkiye	13,743	11,681
Sri Lanka-Turkmenistan	353	300
Sri Lanka-Uganda	433*	368*
Sri Lanka-Ukraine	5,978	5,081
Sri Lanka-United Arab Emirates	214,462	182,293
Sri Lanka-United Kingdom	94,155	80,032
Sri Lanka-Viet Nam	32	27
Sri Lanka-Zimbabwe	59	50
Sudan-Algeria	-	-
Sudan-Angola	136	116
Sudan-Austria	14	12
Sudan-Bahrain	4,557	3,873
Sudan-Belarus	15*	13*
Sudan-Burkina Faso	64	54
Sudan-Burundi	-	-
Sudan-Central African Republic	43*	37*
Sudan-Djibouti	86	73
Sudan-Egypt	19,364	16,460
Sudan-Eritrea	47	40
Sudan-Ethiopia	17,315	14,717
Sudan-Iraq	-	-
Sudan-Jordan	559	475
Sudan-Kenya	13,739	11,679
Sudan-Kuwait	25	21
Sudan-Lebanon	9	8
Sudan-Liberia	48	41
Sudan-Libya	1,234	1,049
Sudan-Mali	-	-
Sudan-Mauritania	103	88
Sudan-Niger	102	87
Sudan-Nigeria	536	456
Sudan-Oman	-	-

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Sudan-Pakistan	-	-
Sudan-Qatar	-	-
Sudan-Russian Federation	16	14
Sudan-Rwanda	-	-
Sudan-Saudi Arabia	66,506	56,530
Sudan-Senegal	58	49
Sudan-South Sudan	908	772
Sudan-Togo	55	46
Sudan-Türkiye	12,327	10,478
Sudan-Uganda	317	269
Sudan-Ukraine	174*	148*
Sudan-United Arab Emirates	61,054	51,896
Sudan-United Kingdom	32	27
Sudan-United Republic of Tanzania	-	-
Sudan-Zimbabwe	37	31
Suriname-Brazil	2,717	2,310
Suriname-Canada	23	20
Suriname-Colombia	50	42
Suriname-Cuba	263	224
Suriname-Dominican Republic	62	53
Suriname-France	240	204
Suriname-Guyana	1,088*	925*
Suriname-Netherlands	107,468	91,348
Suriname-Panama	1,458	1,239
Suriname-Portugal	342	291
Suriname-Spain	18	15
Suriname-Trinidad and Tobago	4,198	3,568
Suriname-United States	10,133	8,613
Sweden-Afghanistan	511	434
Sweden-Albania	825	701
Sweden-Algeria	93*	79*
Sweden-Antigua and Barbuda	51	44
Sweden-Armenia	82	70
Sweden-Austria	26,041	22,135
Sweden-Azerbaijan	634	539
Sweden-Bahrain	22	18
Sweden-Belarus	1,366	1,161
Sweden-Belgium	47,390	40,282
Sweden-Bosnia and Herzegovina	10,485	8,912
Sweden-Bulgaria	3,393	2,884
Sweden-Cabo Verde	15,320	13,022
Sweden-Canada	655	557
Sweden-China	70,497	59,922
Sweden-Croatia	26,649	22,652
Sweden-Cuba	44	37

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Sweden-Cyprus	23,652	20,104
Sweden-Czechia	14,269	12,129
Sweden-Denmark	68,312	58,065
Sweden-Dominican Republic	4,160	3,536
Sweden-Egypt	9,842	8,366
Sweden-Estonia	11,556	9,823
Sweden-Ethiopia	37,847	32,170
Sweden-Finland	66,622	56,628
Sweden-France	85,803	72,933
Sweden-Gambia	3,166	2,691
Sweden-Georgia	82	70
Sweden-Germany	189,588	161,150
Sweden-Ghana	-	-
Sweden-Greece	101,816	86,544
Sweden-Hungary	15,222	12,939
Sweden-Iceland	19,009	16,157
Sweden-India	17,874	15,193
Sweden-Iran (Islamic Republic of)	-	-
Sweden-Ireland	10,819	9,196
Sweden-Israel	5,502	4,677
Sweden-Italy	57,451	48,833
Sweden-Jamaica	1,839	1,563
Sweden-Japan	94	80
Sweden-Kazakhstan	116	99
Sweden-Latvia	9,733	8,273
Sweden-Lebanon	886	753
Sweden-Lithuania	6,661	5,662
Sweden-Luxembourg	323	275
Sweden-Maldives	47	40
Sweden-Malta	8,637	7,341
Sweden-Mauritius	3,134	2,664
Sweden-Mexico	7,097	6,032
Sweden-Montenegro	2,868	2,437
Sweden-Morocco	6,946	5,904
Sweden-Netherlands	73,822	62,749
Sweden-North Macedonia	13,161*	11,187*
Sweden-Norway	63,077	53,615
Sweden-Poland	49,815	42,342
Sweden-Portugal	35,669	30,319
Sweden-Qatar	-	-
Sweden-Republic of Korea	36*	30*
Sweden-Republic of Moldova	-	-
Sweden-Romania	11,818	10,045
Sweden-Russian Federation	29,673	25,222
Sweden-Saudi Arabia	196	167

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Sweden-Serbia	18,022	15,318
Sweden-Slovakia	239	203
Sweden-Slovenia	60	51
Sweden-South Africa	114	97
Sweden-Spain	355,295	302,001
Sweden-Sri Lanka	1,639	1,393
Sweden-Switzerland	41,945	35,653
Sweden-Thailand	154,633	131,438
Sweden-Tunisia	21	18
Sweden-Türkiye	101,211	86,030
Sweden-Ukraine	10,504	8,928
Sweden-United Arab Emirates	79,824	67,850
Sweden-United Kingdom	165,562	140,728
Sweden-United States	266,284	226,341
Sweden-Venezuela (Bolivarian Republic of)	356	303
Sweden-Viet Nam	6,247	5,310
Switzerland-Albania	1,115	948
Switzerland-Algeria	3,173	2,697
Switzerland-Angola	124	106
Switzerland-Antigua and Barbuda	197	167
Switzerland-Argentina	-	-
Switzerland-Armenia	37	31
Switzerland-Austria	61,849	52,572
Switzerland-Azerbaijan	3,732	3,172
Switzerland-Bahamas	522	444
Switzerland-Bahrain	112	95
Switzerland-Bangladesh	388	330
Switzerland-Belarus	2,013	1,711
Switzerland-Belgium	37,657	32,009
Switzerland-Bosnia and Herzegovina	593	504
Switzerland-Botswana	38	32
Switzerland-Brazil	133,287	113,294
Switzerland-Bulgaria	4,961	4,217
Switzerland-Burkina Faso	17	15
Switzerland-Cabo Verde	179	152
Switzerland-Cameroon	38	32
Switzerland-Canada	188,281	160,039
Switzerland-Chad	17	15
Switzerland-China	389,458	331,039
Switzerland-Costa Rica	-	-
Switzerland-Côte d'Ivoire	32	27
Switzerland-Croatia	13,991	11,892
Switzerland-Cuba	25,067	21,307
Switzerland-Cyprus	17,458	14,839
Switzerland-Czechia	14,227	12,093

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Switzerland-Democratic Republic of the Congo	28	23
Switzerland-Denmark	40,992	34,844
Switzerland-Dominican Republic	48*	41*
Switzerland-Egypt	45,154	38,381
Switzerland-Equatorial Guinea	79	67
Switzerland-Estonia	145	123
Switzerland-Ethiopia	174	148
Switzerland-Finland	27,935	23,745
Switzerland-France	129,664	110,215
Switzerland-Georgia	190	162
Switzerland-Germany	246,544	209,563
Switzerland-Greece	87,680	74,528
Switzerland-Grenada	43	37
Switzerland-Guinea	43	36
Switzerland-Hungary	21,271	18,080
Switzerland-Iceland	19,931	16,941
Switzerland-India	104,124	88,506
Switzerland-Iraq	15	13
Switzerland-Ireland	30,483	25,911
Switzerland-Israel	79,883	67,901
Switzerland-Italy	115,187	97,909
Switzerland-Japan	86,535	73,555
Switzerland-Jordan	5,569	4,734
Switzerland-Kazakhstan	633	538
Switzerland-Kenya	41,969	35,674
Switzerland-Kuwait	7,077	6,016
Switzerland-Kyrgyzstan	18	16
Switzerland-Latvia	9,556	8,122
Switzerland-Lebanon	12,743	10,832
Switzerland-Lithuania	95	81
Switzerland-Luxembourg	7,487	6,364
Switzerland-Madagascar	179*	152*
Switzerland-Malaysia	231	196
Switzerland-Maldives	13,780	11,713
Switzerland-Malta	8,476	7,205
Switzerland-Mauritania	37	31
Switzerland-Mauritius	29,445	25,028
Switzerland-Mexico	55*	47*
Switzerland-Montenegro	2,693	2,289
Switzerland-Morocco	30,213	25,681
Switzerland-Mozambique	49	42
Switzerland-Namibia	74	63
Switzerland-Netherlands	72,180	61,353
Switzerland-North Macedonia	9,652	8,204
Switzerland-Norway	17,015	14,462

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Switzerland-Oman	38,609	32,818
Switzerland-Pakistan	137	116
Switzerland-Poland	40,741	34,630
Switzerland-Portugal	156,931	133,391
Switzerland-Qatar	102,694	87,290
Switzerland-Republic of Korea	41,691*	35,437*
Switzerland-Republic of Moldova	1,035	880
Switzerland-Romania	9,392	7,983
Switzerland-Russian Federation	79,748	67,786
Switzerland-Rwanda	-	-
Switzerland-Saint Lucia	52	45
Switzerland-Saint Vincent and the Grenadines	100	85
Switzerland-Saudi Arabia	25,078	21,316
Switzerland-Senegal	133	113
Switzerland-Serbia	25,404	21,593
Switzerland-Seychelles	9,585	8,147
Switzerland-Singapore	282,963	240,518
Switzerland-Slovakia	277	235
Switzerland-Slovenia	4,268	3,628
Switzerland-South Africa	108,970	92,625
Switzerland-Spain	304,054	258,446
Switzerland-Sri Lanka	-	-
Switzerland-Sudan	-	-
Switzerland-Sweden	42,025	35,722
Switzerland-Thailand	214,183	182,055
Switzerland-Tunisia	8,556	7,273
Switzerland-Türkiye	132,384	112,526
Switzerland-Ukraine	16,165	13,740
Switzerland-United Arab Emirates	348,310	296,064
Switzerland-United Kingdom	289,274	245,883
Switzerland-United Republic of Tanzania	59	50
Switzerland-United States	1,107,865	941,685
Switzerland-Uzbekistan	800	680
Switzerland-Viet Nam	-	-
Syrian Arab Republic-Algeria	34	29
Syrian Arab Republic-Bahrain	357	304
Syrian Arab Republic-China	100	85
Syrian Arab Republic-Iran (Islamic Republic of)	-	-
Syrian Arab Republic-Iraq	4,858*	4,129*
Syrian Arab Republic-Kuwait	3,912*	3,325*
Syrian Arab Republic-Lebanon	2	2
Syrian Arab Republic-Qatar	1,594	1,355
Syrian Arab Republic-Sudan	23	20
Syrian Arab Republic-United Arab Emirates	9,119	7,751
Tajikistan-Afghanistan	572	486

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Tajikistan-Bahrain	15	13
Tajikistan-Belarus	39	33
Tajikistan-China	4,686	3,983
Tajikistan-France	32	27
Tajikistan-Germany	2,591	2,203
Tajikistan-India	203	172
Tajikistan-Iran (Islamic Republic of)	-	-
Tajikistan-Kazakhstan	3,908	3,322
Tajikistan-Kyrgyzstan	307	261
Tajikistan-Mongolia	149	126
Tajikistan-Qatar	-	-
Tajikistan-Russian Federation	180,077	153,065
Tajikistan-Saudi Arabia	768	653
Tajikistan-Switzerland	293	249
Tajikistan-Türkiye	11,710	9,954
Tajikistan-Turkmenistan	152	129
Tajikistan-United Arab Emirates	6,161	5,237
Tajikistan-United Kingdom	22	19
Tajikistan-Uzbekistan	988	839
Tajikistan-Viet Nam	-	-
Thailand-Australia	453,003	385,052
Thailand-Austria	173,444	147,428
Thailand-Azerbaijan	2,719	2,311
Thailand-Bahrain	41,019	34,866
Thailand-Bangladesh	48,133	40,913
Thailand-Belarus	-	-
Thailand-Belgium	61,554	52,321
Thailand-Bhutan	41*	35*
Thailand-Bosnia and Herzegovina	42	35
Thailand-Brunei Darussalam	7,678	6,526
Thailand-Bulgaria	621	528
Thailand-Cambodia	81,385	69,177
Thailand-China	3,077,648	2,616,001
Thailand-Cyprus	1,402	1,192
Thailand-Czechia	92	78
Thailand-Denmark	151,883	129,100
Thailand-Djibouti	-	-
Thailand-Egypt	29,851	25,373
Thailand-Ethiopia	48,035	40,830
Thailand-Fiji	54	46
Thailand-Finland	165,660	140,811
Thailand-France	258,008	219,307
Thailand-Georgia	423	359
Thailand-Germany	551,149	468,476
Thailand-Greece	3,958	3,364

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Thailand-Hungary	256	218
Thailand-India	621,743	528,482
Thailand-Indonesia	204,637	173,941
Thailand-Iran (Islamic Republic of)	-	-
Thailand-Israel	113,665	96,615
Thailand-Italy	116,347	98,895
Thailand-Japan	1,274,742	1,083,531
Thailand-Jordan	50,889	43,256
Thailand-Kazakhstan	25,106	21,340
Thailand-Kenya	-	-
Thailand-Kuwait	64,283	54,640
Thailand-Kyrgyzstan	99	84
Thailand-Lao People's Democratic Republic	40,702	34,597
Thailand-Luxembourg	53	45
Thailand-Malaysia	264,416	224,753
Thailand-Maldives	32,892	27,958
Thailand-Malta	109	93
Thailand-Mongolia	1,997	1,698
Thailand-Myanmar	81,514	69,287
Thailand-Nepal	36,397*	30,938*
Thailand-Netherlands	147,003	124,953
Thailand-New Zealand	70,553	59,970
Thailand-Norway	126,332	107,382
Thailand-Oman	96,912	82,375
Thailand-Pakistan	69,141	58,770
Thailand-Philippines	138,020	117,317
Thailand-Poland	10,213	8,681
Thailand-Portugal	68	57
Thailand-Qatar	-	-
Thailand-Republic of Korea	847,517	720,389
Thailand-Romania	1,395	1,186
Thailand-Russian Federation	559,206	475,325
Thailand-Saudi Arabia	5,608	4,767
Thailand-Seychelles	76	65
Thailand-Singapore	567,084	482,022
Thailand-Sri Lanka	52,355	44,502
Thailand-Sweden	173,050	147,093
Thailand-Switzerland	240,907	204,771
Thailand-Türkiye	223,743	190,182
Thailand-Turkmenistan	33,761	28,697
Thailand-Ukraine	50,788	43,170
Thailand-United Arab Emirates	737,490	626,866
Thailand-United Kingdom	470,938	400,297
Thailand-United States	774	658
Thailand-Uzbekistan	15,855	13,477

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Thailand-Viet Nam	206,863	175,834
Timor-Leste-Indonesia	9,769	8,304
Timor-Leste-Singapore	-	-
Togo-Algeria	9	8
Togo-Belgium	4,294	3,650
Togo-Benin	762	648
Togo-Brazil	113	96
Togo-Burkina Faso	1,775	1,509
Togo-Cabo Verde	-	-
Togo-Cameroon	4,326	3,677
Togo-Chad	35*	30*
Togo-Congo	168	143
Togo-Côte d'Ivoire	3,516	2,988
Togo-Democratic Republic of the Congo	5,071	4,311
Togo-Denmark	25	21
Togo-Djibouti	102	87
Togo-Equatorial Guinea	1,036	881
Togo-Ethiopia	18,639*	15,843*
Togo-France	16,444	13,977
Togo-Gabon	2,254	1,915
Togo-Gambia	-	-
Togo-Ghana	5,129	4,360
Togo-Guinea	-	-
Togo-Guinea-Bissau	-	-
Togo-Italy	223	190
Togo-Kenya	116	99
Togo-Liberia	15	12
Togo-Mali	2,839	2,413
Togo-Malta	103	88
Togo-Morocco	-	-
Togo-Namibia	29	25
Togo-Niger	6,346	5,394
Togo-Nigeria	4,012	3,410
Togo-Portugal	2,471	2,101
Togo-Rwanda	65	55
Togo-Sao Tome and Principe	-	-
Togo-Saudi Arabia	701*	596*
Togo-Senegal	7,333	6,233
Togo-Sierra Leone	83	71
Togo-South Africa	44	37
Togo-Spain	36	31
Togo-Sudan	70	59
Togo-Tunisia	-	-
Togo-United Arab Emirates	173	147
Togo-United States	35,560	30,226

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Tonga-Australia	-	-
Tonga-Fiji	-	-
Tonga-France	17	14
Tonga-New Zealand	-	-
Tonga-Papua New Guinea	39	33
Trinidad and Tobago-Antigua and Barbuda	6,584	5,596
Trinidad and Tobago-Bahamas	227	193
Trinidad and Tobago-Barbados	5,374	4,568
Trinidad and Tobago-Belgium	594*	505*
Trinidad and Tobago-Bolivia (Plurinational State of)	284	241
Trinidad and Tobago-Brazil	49	42
Trinidad and Tobago-Canada	35,135	29,864
Trinidad and Tobago-Colombia	256	217
Trinidad and Tobago-Costa Rica	-	-
Trinidad and Tobago-Cuba	3,091	2,627
Trinidad and Tobago-Dominican Republic	1,668	1,418
Trinidad and Tobago-France	338	287
Trinidad and Tobago-Germany	273	232
Trinidad and Tobago-Greece	56	47
Trinidad and Tobago-Grenada	1,885	1,602
Trinidad and Tobago-Guyana	13,753	11,690
Trinidad and Tobago-Haiti	374	318
Trinidad and Tobago-Jamaica	3,800	3,230
Trinidad and Tobago-Netherlands	5,317	4,519
Trinidad and Tobago-Panama	13,142	11,171
Trinidad and Tobago-Peru	242	206
Trinidad and Tobago-Portugal	37	31
Trinidad and Tobago-Saint Kitts and Nevis	195	165
Trinidad and Tobago-Saint Lucia	9,688	8,235
Trinidad and Tobago-Saint Vincent and the Grenadines	2,280	1,938
Trinidad and Tobago-Suriname	5,154	4,381
Trinidad and Tobago-United Kingdom	496	422
Trinidad and Tobago-United States	162,870	138,439
Trinidad and Tobago-Venezuela (Bolivarian Republic of)	126	107
Tunisia-Algeria	15,396	13,086
Tunisia-Angola	27	23
Tunisia-Australia	4,292	3,648
Tunisia-Austria	-	-
Tunisia-Azerbaijan	267	227
Tunisia-Belarus	-	-
Tunisia-Belgium	24,296	20,651
Tunisia-Benin	955	812
Tunisia-Bosnia and Herzegovina	43	37

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Tunisia-Bulgaria	629	535
Tunisia-Burkina Faso	2,826	2,402
Tunisia-Cabo Verde	237*	201*
Tunisia-Cameroon	28	24
Tunisia-Canada	19,357	16,453
Tunisia-China	-	-
Tunisia-Côte d'Ivoire	8,082	6,870
Tunisia-Croatia	26*	22*
Tunisia-Czechia	13,936	11,846
Tunisia-Denmark	2,016	1,714
Tunisia-Egypt	13,057	11,099
Tunisia-Equatorial Guinea	78	66
Tunisia-Estonia	-	-
Tunisia-Ethiopia	79	67
Tunisia-Finland	772	656
Tunisia-France	230,028	195,524
Tunisia-Gambia	45	38
Tunisia-Georgia	161	137
Tunisia-Germany	63,702	54,147
Tunisia-Ghana	13	11
Tunisia-Greece	454	386
Tunisia-Guinea	1,354	1,151
Tunisia-Hungary	1,754	1,491
Tunisia-Iran (Islamic Republic of)	-	-
Tunisia-Iraq	-	-
Tunisia-Ireland	9	7
Tunisia-Italy	23,625	20,081
Tunisia-Jordan	106*	90*
Tunisia-Kuwait	159	135
Tunisia-Latvia	400	340
Tunisia-Lebanon	2,824*	2,400*
Tunisia-Libya	23,679*	20,127*
Tunisia-Lithuania	1,101	936
Tunisia-Luxembourg	4,106*	3,490*
Tunisia-Mali	3,356	2,852
Tunisia-Malta	2,647	2,250
Tunisia-Mauritania	7,614	6,472
Tunisia-Montenegro	4	3
Tunisia-Morocco	26,067	22,157
Tunisia-Netherlands	3,930	3,341
Tunisia-Niger	3,205	2,724
Tunisia-Nigeria	135	115
Tunisia-Norway	54	46
Tunisia-Poland	7,051*	5,993*
Tunisia-Portugal	4,017	3,415

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Tunisia-Qatar	38*	32*
Tunisia-Romania	2,060	1,751
Tunisia-Russian Federation	87,065	74,005
Tunisia-Saudi Arabia	56,286	47,843
Tunisia-Senegal	8,519	7,241
Tunisia-Serbia	1,555	1,322
Tunisia-Slovakia	2,391	2,032
Tunisia-Slovenia	587	499
Tunisia-Spain	8,124	6,905
Tunisia-Sweden	863	734
Tunisia-Switzerland	10,148	8,626
Tunisia-Togo	-	-
Tunisia-Türkiye	41,369	35,163
Tunisia-Ukraine	7,452	6,334
Tunisia-United Arab Emirates	47,142	40,071
Tunisia-United Kingdom	35,134	29,864
Tunisia-United States	341	290
Türkiye-Afghanistan	62,396	53,037
Türkiye-Albania	10,713	9,106
Türkiye-Algeria	109,264	92,874
Türkiye-Angola	38	33
Türkiye-Armenia	207	176
Türkiye-Austria	89,800	76,330
Türkiye-Azerbaijan	113,158	96,184
Türkiye-Bahrain	58,096	49,382
Türkiye-Bangladesh	48,825*	41,501*
Türkiye-Belarus	27,881	23,699
Türkiye-Belgium	155,062	131,803
Türkiye-Benin	16,388	13,930
Türkiye-Bolivia (Plurinational State of)	592	503
Türkiye-Bosnia and Herzegovina	19,452	16,534
Türkiye-Brazil	124,463	105,794
Türkiye-Bulgaria	14,543	12,362
Türkiye-Burkina Faso	11,962	10,168
Türkiye-Cambodia	409	348
Türkiye-Cameroon	19,003	16,153
Türkiye-Canada	111,984	95,186
Türkiye-Chad	5,319	4,521
Türkiye-China	532,277	452,436
Türkiye-Colombia	40,753	34,640
Türkiye-Côte d'Ivoire	632	537
Türkiye-Croatia	16,270	13,829
Türkiye-Cuba	35,975	30,579
Türkiye-Cyprus	5,174	4,398
Türkiye-Czechia	68,160	57,936

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Türkiye-Democratic Republic of the Congo	18,418	15,655
Türkiye-Denmark	111,736	94,976
Türkiye-Djibouti	14,219*	12,086*
Türkiye-Egypt	96,432	81,967
Türkiye-Eritrea	6,309	5,362
Türkiye-Estonia	18,714	15,907
Türkiye-Ethiopia	24,793	21,074
Türkiye-Finland	45,429	38,615
Türkiye-France	290,403	246,843
Türkiye-Gabon	3,618	3,076
Türkiye-Georgia	50,857	43,229
Türkiye-Germany	1,476,116	1,254,699
Türkiye-Ghana	19,280	16,388
Türkiye-Greece	42,901	36,466
Türkiye-Guinea	557	474
Türkiye-Hungary	29,822	25,349
Türkiye-Iceland	591	502
Türkiye-India	159,288	135,395
Türkiye-Indonesia	135,015	114,763
Türkiye-Iran (Islamic Republic of)	270,239	229,703
Türkiye-Iraq	152,928	129,988
Türkiye-Ireland	57,958	49,264
Türkiye-Israel	126,505	107,530
Türkiye-Italy	176,532	150,052
Türkiye-Japan	95,514	81,187
Türkiye-Jordan	76,360	64,906
Türkiye-Kazakhstan	172,858	146,929
Türkiye-Kenya	33,500	28,475
Türkiye-Kuwait	121,823	103,550
Türkiye-Kyrgyzstan	91,729	77,970
Türkiye-Latvia	17,922	15,233
Türkiye-Lebanon	66,816	56,794
Türkiye-Liberia	146	124
Türkiye-Libya	23,872	20,291
Türkiye-Lithuania	34,772	29,556
Türkiye-Luxembourg	12,602	10,712
Türkiye-Madagascar	811	689
Türkiye-Malaysia	74,897	63,662
Türkiye-Maldives	51,806	44,035
Türkiye-Mali	7,628	6,484
Türkiye-Malta	12,625	10,732
Türkiye-Mauritania	12,838	10,913
Türkiye-Mauritius	44,390	37,731
Türkiye-Mexico	18,430	15,666
Türkiye-Montenegro	6,654	5,656

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Türkiye-Morocco	90,853	77,225
Türkiye-Namibia	40	34
Türkiye-Nepal	36,747	31,235
Türkiye-Netherlands	248,653	211,355
Türkiye-Niger	9,551*	8,118*
Türkiye-Nigeria	92,363	78,508
Türkiye-North Macedonia	12,327	10,478
Türkiye-Norway	68,826	58,502
Türkiye-Oman	43,087	36,624
Türkiye-Pakistan	96,804	82,284
Türkiye-Philippines	104,226	88,592
Türkiye-Poland	108,690	92,387
Türkiye-Portugal	42,735	36,325
Türkiye-Qatar	159,945	135,953
Türkiye-Republic of Korea	225,315	191,518
Türkiye-Republic of Moldova	16,841	14,315
Türkiye-Romania	49,829	42,355
Türkiye-Russian Federation	903,985	768,387
Türkiye-Rwanda	18,463	15,693
Türkiye-Saudi Arabia	441,444	375,227
Türkiye-Senegal	32,405	27,544
Türkiye-Serbia	21,136	17,966
Türkiye-Seychelles	20,999	17,849
Türkiye-Singapore	141,830	120,555
Türkiye-Slovakia	20,981	17,834
Türkiye-Slovenia	12,410	10,548
Türkiye-Somalia	138	117
Türkiye-South Africa	140,755	119,642
Türkiye-Spain	208,078	176,866
Türkiye-Sudan	19,859	16,880
Türkiye-Sweden	104,537	88,857
Türkiye-Switzerland	134,247	114,110
Türkiye-Tajikistan	11,715	9,957
Türkiye-Thailand	193,803	164,732
Türkiye-Tunisia	45,612	38,770
Türkiye-Turkmenistan	57,523	48,895
Türkiye-Uganda	7,510	6,383
Türkiye-Ukraine	128,581	109,294
Türkiye-United Arab Emirates	283,388	240,880
Türkiye-United Kingdom	690,213	586,681
Türkiye-United Republic of Tanzania	35,473	30,152
Türkiye-United States	1,018,371	865,616
Türkiye-Uzbekistan	107,060	91,001
Türkiye-Venezuela (Bolivarian Republic of)	12,618*	10,725*
Türkiye-Viet Nam	98,439	83,673

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Türkiye-Zambia	7,098	6,033
Turkmenistan-Afghanistan	407	346
Turkmenistan-Australia	345	293
Turkmenistan-Austria	16,378	13,921
Turkmenistan-Azerbaijan	3,095	2,631
Turkmenistan-Bahrain	139	118
Turkmenistan-Bangladesh	3,571	3,035
Turkmenistan-Belarus	3,345*	2,843*
Turkmenistan-Belgium	156*	133*
Turkmenistan-Bulgaria	83	71
Turkmenistan-China	67,581	57,444
Turkmenistan-Czechia	137	116
Turkmenistan-France	1,266	1,076
Turkmenistan-Georgia	13*	11*
Turkmenistan-Germany	1,343	1,141
Turkmenistan-Hungary	13,537	11,506
Turkmenistan-India	9,120	7,752
Turkmenistan-Indonesia	7,303	6,207
Turkmenistan-Iran (Islamic Republic of)	-	-
Turkmenistan-Iraq	-	-
Turkmenistan-Ireland	590	501
Turkmenistan-Italy	463	393
Turkmenistan-Japan	581	494
Turkmenistan-Kazakhstan	2,921	2,483
Turkmenistan-Kyrgyzstan	674	573
Turkmenistan-Luxembourg	56,035	47,630
Turkmenistan-Malaysia	1,079	917
Turkmenistan-Myanmar	37	31
Turkmenistan-Netherlands	123	105
Turkmenistan-Oman	85	73
Turkmenistan-Poland	12	10
Turkmenistan-Qatar	-	-
Turkmenistan-Republic of Korea	56	48
Turkmenistan-Romania	158	134
Turkmenistan-Russian Federation	29,324	24,925
Turkmenistan-Saudi Arabia	126	107
Turkmenistan-Singapore	11,099	9,434
Turkmenistan-Spain	253	215
Turkmenistan-Sri Lanka	471	400
Turkmenistan-Sudan	-	-
Turkmenistan-Thailand	13,688	11,635
Turkmenistan-Tunisia	-	-
Turkmenistan-Türkiye	66,838	56,812
Turkmenistan-Ukraine	1,840	1,564
Turkmenistan-United Arab Emirates	9,443	8,027

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Turkmenistan-United Kingdom	4,666	3,966
Turkmenistan-Uzbekistan	110	94
Uganda-Azerbaijan	286	243
Uganda-Belarus	-	-
Uganda-Belgium	75,353	64,050
Uganda-Botswana	108	92
Uganda-Central African Republic	-	-
Uganda-Congo	23	20
Uganda-Democratic Republic of the Congo	1,761	1,497
Uganda-Djibouti	85	72
Uganda-Egypt	6,826	5,802
Uganda-Ethiopia	24,065*	20,455*
Uganda-France	117	100
Uganda-Germany	153	130
Uganda-India	119*	101*
Uganda-Israel	309	263
Uganda-Jordan	18	16
Uganda-Kenya	20,438	17,372
Uganda-Malawi	137	117
Uganda-Malta	-	-
Uganda-Morocco	-	-
Uganda-Mozambique	-	-
Uganda-Netherlands	61,470	52,250
Uganda-Russian Federation	37	32
Uganda-Rwanda	15,005	12,754
Uganda-Saudi Arabia	130	111
Uganda-South Africa	12,886	10,953
Uganda-South Sudan	3,186	2,708
Uganda-Spain	325	277
Uganda-Sudan	7	6
Uganda-Switzerland	65	55
Uganda-Türkiye	26,619	22,626
Uganda-Ukraine	348	295
Uganda-United Arab Emirates	66,096	56,182
Uganda-United Kingdom	63	54
Uganda-United Republic of Tanzania	2,399	2,039
Uganda-Zimbabwe	26	22
Ukraine-Afghanistan	240	204
Ukraine-Albania	36	31
Ukraine-Algeria	469	399
Ukraine-Armenia	10,186	8,658
Ukraine-Austria	39,587	33,649
Ukraine-Azerbaijan	16,970	14,425
Ukraine-Belarus	29,360	24,956
Ukraine-Belgium	13,598	11,558

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Ukraine-Bulgaria	6,699	5,694
Ukraine-Canada	26,813	22,791
Ukraine-China	61,276	52,085
Ukraine-Croatia	2,005	1,704
Ukraine-Cuba	2,070	1,760
Ukraine-Cyprus	13,420	11,407
Ukraine-Czechia	13,952	11,860
Ukraine-Denmark	10,725	9,116
Ukraine-Dominican Republic	2,438	2,072
Ukraine-Egypt	294,999	250,749
Ukraine-Estonia	5,070	4,309
Ukraine-Finland	4,193	3,564
Ukraine-France	32,170	27,345
Ukraine-Georgia	15,706	13,350
Ukraine-Germany	120,190	102,162
Ukraine-Greece	24,252	20,614
Ukraine-Hungary	10,576	8,990
Ukraine-Iceland	12	10
Ukraine-India	26,910	22,874
Ukraine-Iran (Islamic Republic of)	6,060	5,151
Ukraine-Iraq	955	811
Ukraine-Ireland	2,113	1,796
Ukraine-Israel	72,878	61,946
Ukraine-Italy	71,468	60,748
Ukraine-Jordan	3,642	3,096
Ukraine-Kazakhstan	28,570	24,284
Ukraine-Kuwait	114	97
Ukraine-Latvia	16,413	13,951
Ukraine-Lebanon	38	32
Ukraine-Libya	79	67
Ukraine-Lithuania	10,630	9,036
Ukraine-Luxembourg	78	67
Ukraine-Malaysia	1,422	1,209
Ukraine-Maldives	65	56
Ukraine-Malta	1,771	1,505
Ukraine-Montenegro	1,905	1,619
Ukraine-Morocco	97	82
Ukraine-Netherlands	15,974	13,578
Ukraine-Norway	576	490
Ukraine-Poland	77,974	66,278
Ukraine-Portugal	4,842	4,116
Ukraine-Qatar	12*	10*
Ukraine-Republic of Moldova	2,640	2,244
Ukraine-Romania	2,209	1,878
Ukraine-Russian Federation	8,949	7,607

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Ukraine-Rwanda	128	109
Ukraine-Saudi Arabia	822	699
Ukraine-Serbia	176	150
Ukraine-Slovakia	5,343	4,542
Ukraine-Slovenia	25	21
Ukraine-Spain	50,081	42,569
Ukraine-Sri Lanka	4,555	3,872
Ukraine-Sudan	353*	300*
Ukraine-Sweden	11,056	9,398
Ukraine-Switzerland	17,439	14,823
Ukraine-Thailand	39,430	33,516
Ukraine-Tunisia	28	23
Ukraine-Türkiye	253,580	215,543
Ukraine-Turkmenistan	310	263
Ukraine-Uganda	329	279
Ukraine-United Arab Emirates	52,859	44,930
Ukraine-United Kingdom	43,739	37,178
Ukraine-United States	71,392	60,683
Ukraine-Uzbekistan	93	79
United Arab Emirates-Afghanistan	92,904	78,968
United Arab Emirates-Albania	128	109
United Arab Emirates-Algeria	89,727	76,268
United Arab Emirates-Angola	63*	54*
United Arab Emirates-Armenia	17,498	14,873
United Arab Emirates-Australia	2,108,751	1,792,438
United Arab Emirates-Austria	116,961	99,417
United Arab Emirates-Azerbaijan	64,713	55,006
United Arab Emirates-Bahrain	130,936	111,296
United Arab Emirates-Bangladesh	258,298	219,553
United Arab Emirates-Belarus	9,968	8,472
United Arab Emirates-Belgium	212,215	180,382
United Arab Emirates-Benin	474	403
United Arab Emirates-Bosnia and Herzegovina	-	-
United Arab Emirates-Brazil	2,697*	2,292*
United Arab Emirates-Brunei Darussalam	18,552	15,770
United Arab Emirates-Bulgaria	17,217	14,635
United Arab Emirates-Burkina Faso	11,085	9,422
United Arab Emirates-Burundi	303	257
United Arab Emirates-Cabo Verde	152	130
United Arab Emirates-Cambodia	54*	46*
United Arab Emirates-Cameroon	356*	303*
United Arab Emirates-Canada	48,482*	41,210*
United Arab Emirates-Chad	213	181
United Arab Emirates-China	1,983,589	1,686,051
United Arab Emirates-Comoros	566	481

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
United Arab Emirates-Congo	531	451
United Arab Emirates-Côte d'Ivoire	193	164
United Arab Emirates-Croatia	45*	38*
United Arab Emirates-Cyprus	33,782	28,714
United Arab Emirates-Czechia	133,071	113,110
United Arab Emirates-Democratic Republic of the Congo	179	152
United Arab Emirates-Denmark	87,252	74,164
United Arab Emirates-Djibouti	11,773	10,007
United Arab Emirates-Egypt	345,933	294,043
United Arab Emirates-Equatorial Guinea	-	-
United Arab Emirates-Eritrea	12,431	10,566
United Arab Emirates-Estonia	52*	44*
United Arab Emirates-Ethiopia	137,090	116,527
United Arab Emirates-Fiji	-	-
United Arab Emirates-Finland	26,549	22,566
United Arab Emirates-France	744,536	632,855
United Arab Emirates-Gabon	120	102
United Arab Emirates-Gambia	89	76
United Arab Emirates-Georgia	35,654	30,306
United Arab Emirates-Germany	1,289,626	1,096,182
United Arab Emirates-Ghana	-	-
United Arab Emirates-Greece	90,594	77,005
United Arab Emirates-Guinea	-	-
United Arab Emirates-Hungary	52,965	45,020
United Arab Emirates-Iceland	479	407
United Arab Emirates-India	2,123,952	1,805,359
United Arab Emirates-Indonesia	396,310	336,864
United Arab Emirates-Iran (Islamic Republic of)	98,541	83,759
United Arab Emirates-Iraq	99,390	84,482
United Arab Emirates-Ireland	210,237	178,702
United Arab Emirates-Israel	11	9
United Arab Emirates-Italy	623,573	530,037
United Arab Emirates-Japan	393,695	334,641
United Arab Emirates-Jordan	185,491	157,668
United Arab Emirates-Kazakhstan	58,496	49,721
United Arab Emirates-Kenya	180,012	153,010
United Arab Emirates-Kuwait	181,104	153,938
United Arab Emirates-Kyrgyzstan	16,133	13,713
United Arab Emirates-Lao People's Democratic Republic	30	26
United Arab Emirates-Latvia	4,837	4,112
United Arab Emirates-Lebanon	204,745	174,033
United Arab Emirates-Libya	186	158
United Arab Emirates-Lithuania	1,311	1,114

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
United Arab Emirates-Luxembourg	116,605	99,114
United Arab Emirates-Madagascar	322	274
United Arab Emirates-Malawi	8,296	7,052
United Arab Emirates-Malaysia	299,472	254,551
United Arab Emirates-Maldives	147,758	125,594
United Arab Emirates-Mali	430	366
United Arab Emirates-Malta	668	567
United Arab Emirates-Mauritania	71	60
United Arab Emirates-Mauritius	167,256	142,168
United Arab Emirates-Mongolia	941	800
United Arab Emirates-Montenegro	1,269	1,078
United Arab Emirates-Morocco	200,185	170,157
United Arab Emirates-Mozambique	793	674
United Arab Emirates-Myanmar	91*	77*
United Arab Emirates-Nepal	98,728	83,919
United Arab Emirates-Netherlands	427,274	363,183
United Arab Emirates-New Zealand	-	-
United Arab Emirates-Niger	68*	58*
United Arab Emirates-Nigeria	236,744	201,232
United Arab Emirates-North Macedonia	4,697	3,993
United Arab Emirates-Norway	5,396*	4,587*
United Arab Emirates-Oman	102,429	87,065
United Arab Emirates-Pakistan	477,264	405,674
United Arab Emirates-Philippines	540,501	459,426
United Arab Emirates-Poland	77,403	65,792
United Arab Emirates-Portugal	153,372	130,366
United Arab Emirates-Qatar	844	718
United Arab Emirates-Republic of Korea	253,070	215,109
United Arab Emirates-Republic of Moldova	51*	43*
United Arab Emirates-Romania	29,850	25,372
United Arab Emirates-Russian Federation	375,051	318,793
United Arab Emirates-Rwanda	30*	26*
United Arab Emirates-Sao Tome and Principe	63	54
United Arab Emirates-Saudi Arabia	787,817	669,644
United Arab Emirates-Senegal	105*	89*
United Arab Emirates-Serbia	34,789	29,571
United Arab Emirates-Seychelles	83,241	70,755
United Arab Emirates-Sierra Leone	96	82
United Arab Emirates-Singapore	567,524	482,396
United Arab Emirates-Slovakia	8,652	7,354
United Arab Emirates-Somalia	-	-
United Arab Emirates-South Africa	662,891	563,457
United Arab Emirates-South Sudan	6,238	5,302
United Arab Emirates-Spain	496,212	421,780
United Arab Emirates-Sri Lanka	200,302	170,257

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
United Arab Emirates-Sudan	81,084	68,921
United Arab Emirates-Sweden	83,750	71,188
United Arab Emirates-Switzerland	387,115	329,048
United Arab Emirates-Syrian Arab Republic	9,002*	7,652*
United Arab Emirates-Tajikistan	6,200	5,270
United Arab Emirates-Thailand	644,478	547,806
United Arab Emirates-Togo	405	344
United Arab Emirates-Tunisia	53,788	45,720
United Arab Emirates-Türkiye	328,647	279,350
United Arab Emirates-Turkmenistan	9,223	7,840
United Arab Emirates-Uganda	65,813	55,941
United Arab Emirates-Ukraine	70,052	59,544
United Arab Emirates-United Kingdom	2,448,862	2,081,532
United Arab Emirates-United Republic of Tanzania	87,001	73,951
United Arab Emirates-United States	2,690,969	2,287,324
United Arab Emirates-Uzbekistan	20,618	17,526
United Arab Emirates-Viet Nam	145,502	123,676
United Arab Emirates-Yemen	14,132	12,012
United Arab Emirates-Zambia	-	-
United Arab Emirates-Zimbabwe	1,196	1,017
United Kingdom-Albania	15,235	12,949
United Kingdom-Algeria	11,942	10,151
United Kingdom-Angola	1,524	1,295
United Kingdom-Antigua and Barbuda	85,578	72,741
United Kingdom-Argentina	187,367	159,262
United Kingdom-Armenia	91	78
United Kingdom-Australia	-	-
United Kingdom-Austria	130,764	111,150
United Kingdom-Azerbaijan	15,699	13,344
United Kingdom-Bahamas	46,346	39,394
United Kingdom-Bahrain	116,828	99,304
United Kingdom-Bangladesh	49,018	41,665
United Kingdom-Barbados	229,948	195,456
United Kingdom-Belarus	3,872	3,291
United Kingdom-Belgium	84,654	71,956
United Kingdom-Belize	50	43
United Kingdom-Benin	20	17
United Kingdom-Bosnia and Herzegovina	322	274
United Kingdom-Brazil	310,081	263,569
United Kingdom-Brunei Darussalam	77,832	66,157
United Kingdom-Bulgaria	139,717	118,759
United Kingdom-Burkina Faso	41	35
United Kingdom-Cabo Verde	85,536	72,706
United Kingdom-Canada	1,045,556	888,722
United Kingdom-Chile	63,129	53,659

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
United Kingdom-China	1,897,665	1,613,015
United Kingdom-Colombia	81	69
United Kingdom-Congo	79	67
United Kingdom-Costa Rica	38,124	32,405
United Kingdom-Côte d'Ivoire	77	66
United Kingdom-Croatia	108,865	92,535
United Kingdom-Cuba	50,284	42,741
United Kingdom-Cyprus	315,429	268,114
United Kingdom-Czechia	103,823	88,250
United Kingdom-Democratic Republic of the Congo	62	53
United Kingdom-Denmark	155,909	132,523
United Kingdom-Djibouti	155	132
United Kingdom-Dominica	567	482
United Kingdom-Dominican Republic	80,980	68,833
United Kingdom-Ecuador	326	277
United Kingdom-Egypt	155,285	131,992
United Kingdom-El Salvador	7	6
United Kingdom-Estonia	13,993	11,894
United Kingdom-Ethiopia	56,483*	48,010*
United Kingdom-Finland	115,159	97,885
United Kingdom-France	591,551	502,819
United Kingdom-Gabon	133	113
United Kingdom-Gambia	12,013	10,211
United Kingdom-Georgia	5,790	4,922
United Kingdom-Germany	746,105	634,190
United Kingdom-Ghana	69,577	59,140
United Kingdom-Greece	670,516	569,939
United Kingdom-Grenada	96	81
United Kingdom-Guatemala	-	-
United Kingdom-Haiti	243	207
United Kingdom-Honduras	1,112	945
United Kingdom-Hungary	138,398	117,638
United Kingdom-Iceland	102,309	86,963
United Kingdom-India	896,964	762,419
United Kingdom-Indonesia	36,046	30,639
United Kingdom-Iran (Islamic Republic of)	-	-
United Kingdom-Iraq	4,063	3,454
United Kingdom-Ireland	384,208	326,577
United Kingdom-Israel	184,113	156,496
United Kingdom-Italy	893,887	759,804
United Kingdom-Jamaica	141,183	120,006
United Kingdom-Japan	457,106	388,540
United Kingdom-Jordan	39,960	33,966
United Kingdom-Kazakhstan	16,220	13,787
United Kingdom-Kenya	125,935	107,045

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
United Kingdom-Kuwait	136,597	116,107
United Kingdom-Latvia	44,960	38,216
United Kingdom-Lebanon	50,944	43,302
United Kingdom-Libya	52*	45*
United Kingdom-Lithuania	61,302	52,107
United Kingdom-Luxembourg	35,885	30,502
United Kingdom-Madagascar	346	294
United Kingdom-Malaysia	256,846	218,319
United Kingdom-Maldives	14,682	12,480
United Kingdom-Malta	127,585	108,448
United Kingdom-Mauritania	78	67
United Kingdom-Mauritius	96,180	81,753
United Kingdom-Mexico	374,781	318,563
United Kingdom-Montenegro	7,056	5,998
United Kingdom-Morocco	119,801	101,831
United Kingdom-Netherlands	344,032	292,428
United Kingdom-Nicaragua	12	10
United Kingdom-Nigeria	163,391	138,883
United Kingdom-North Macedonia	5,744	4,882
United Kingdom-Norway	131,385	111,677
United Kingdom-Oman	135,321	115,023
United Kingdom-Pakistan	183,527	155,998
United Kingdom-Peru	24,912	21,175
United Kingdom-Philippines	63,286	53,793
United Kingdom-Poland	389,161	330,787
United Kingdom-Portugal	571,767	486,002
United Kingdom-Qatar	688,146	584,924
United Kingdom-Republic of Korea	241,412	205,200
United Kingdom-Republic of Moldova	17,211	14,629
United Kingdom-Romania	220,318	187,270
United Kingdom-Russian Federation	129,715	110,258
United Kingdom-Rwanda	2,150	1,828
United Kingdom-Saint Kitts and Nevis	730	621
United Kingdom-Saint Lucia	104,428	88,764
United Kingdom-Saint Vincent and the Grenadines	456	388
United Kingdom-Sao Tome and Principe	60	51
United Kingdom-Saudi Arabia	215,502	183,177
United Kingdom-Senegal	176	150
United Kingdom-Serbia	14,089	11,976
United Kingdom-Seychelles	16,946	14,404
United Kingdom-Sierra Leone	126	107
United Kingdom-Singapore	1,161,798	987,528
United Kingdom-Slovakia	33,715	28,658
United Kingdom-Slovenia	11,516	9,789
United Kingdom-South Africa	777,240	660,654

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
United Kingdom-Spain	2,902,390	2,467,031
United Kingdom-Sri Lanka	83,204	70,723
United Kingdom-Suriname	171	146
United Kingdom-Sweden	150,604	128,013
United Kingdom-Switzerland	278,615	236,823
United Kingdom-Tajikistan	22	19
United Kingdom-Thailand	417,602	354,962
United Kingdom-Togo	24	21
United Kingdom-Trinidad and Tobago	3,390	2,881
United Kingdom-Tunisia	34,424	29,260
United Kingdom-Türkiye	637,805	542,134
United Kingdom-Turkmenistan	4,140	3,519
United Kingdom-Uganda	29	25
United Kingdom-Ukraine	39,887	33,904
United Kingdom-United Arab Emirates	2,170,867	1,845,237
United Kingdom-United Republic of Tanzania	39	33
United Kingdom-United States	9,380,588	7,973,500
United Kingdom-Uruguay	736	625
United Kingdom-Uzbekistan	8,972	7,626
United Kingdom-Viet Nam	71,600	60,860
United Kingdom-Zambia	139	118
United Kingdom-Zimbabwe	48	41
United Republic of Tanzania-Algeria	14*	12*
United Republic of Tanzania-Angola	32	27
United Republic of Tanzania-Bahrain	47	40
United Republic of Tanzania-Benin	46	39
United Republic of Tanzania-Burundi	391*	333*
United Republic of Tanzania-China	110	93
United Republic of Tanzania-Comoros	5,272	4,481
United Republic of Tanzania-Cyprus	18	15
United Republic of Tanzania-Djibouti	11	9
United Republic of Tanzania-Egypt	2,897	2,463
United Republic of Tanzania-Ethiopia	32,244	27,407
United Republic of Tanzania-France	8,697	7,393
United Republic of Tanzania-Gabon	13	11
United Republic of Tanzania-Germany	14,356	12,203
United Republic of Tanzania-India	5,496	4,671
United Republic of Tanzania-Indonesia	49	42
United Republic of Tanzania-Iraq	-	-
United Republic of Tanzania-Israel	4,390	3,731
United Republic of Tanzania-Italy	11,219	9,536
United Republic of Tanzania-Jordan	331	282
United Republic of Tanzania-Kenya	33,322	28,324
United Republic of Tanzania-Lebanon	97	83
United Republic of Tanzania-Lithuania	138	117

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
United Republic of Tanzania-Madagascar	192	163
United Republic of Tanzania-Malawi	44	37
United Republic of Tanzania-Maldives	55	47
United Republic of Tanzania-Mauritius	107	91
United Republic of Tanzania-Morocco	98	83
United Republic of Tanzania-Mozambique	1,763	1,498
United Republic of Tanzania-Netherlands	62,890	53,457
United Republic of Tanzania-Nigeria	23	20
United Republic of Tanzania-Oman	-	-
United Republic of Tanzania-Poland	3,748*	3,186*
United Republic of Tanzania-Portugal	122	104
United Republic of Tanzania-Qatar	-	-
United Republic of Tanzania-Russian Federation	323	274
United Republic of Tanzania-Rwanda	4,665	3,965
United Republic of Tanzania-Saudi Arabia	174	148
United Republic of Tanzania-Seychelles	13	11
United Republic of Tanzania-South Africa	19,516	16,589
United Republic of Tanzania-Spain	41	35
United Republic of Tanzania-Switzerland	43,256	36,767
United Republic of Tanzania-Türkiye	34,535	29,355
United Republic of Tanzania-Uganda	2,405	2,045
United Republic of Tanzania-United Arab Emirates	82,063	69,753
United Republic of Tanzania-Zambia	2,017	1,714
United Republic of Tanzania-Zimbabwe	4,594	3,905
United States-Albania	45	38
United States-Angola	519	441
United States-Antigua and Barbuda	40,275	34,234
United States-Argentina	784,972	667,226
United States-Armenia	99	84
United States-Australia	2,407,904	2,046,719
United States-Austria	243,286	206,793
United States-Azerbaijan	56,403	47,943
United States-Bahamas	226,870	192,839
United States-Bahrain	182,117	154,799
United States-Bangladesh	1,058	899
United States-Barbados	91,853	78,075
United States-Belgium	791,338	672,637
United States-Belize	63,485	53,962
United States-Bolivia (Plurinational State of)	70,336	59,786
United States-Brazil	1,886,775	1,603,759
United States-Bulgaria	1,808	1,537
United States-Burkina Faso	270	230
United States-Cabo Verde	6,067	5,157
United States-Cambodia	311	264
United States-Canada	3,115,918	2,648,531

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
United States-Chile	488,935	415,595
United States-China	11,642,402	9,896,042
United States-Colombia	423,125	359,656
United States-Cook Islands	-	-
United States-Costa Rica	374,480	318,308
United States-Côte d'Ivoire	16,151	13,728
United States-Croatia	9,259	7,870
United States-Cuba	141,441	120,225
United States-Cyprus	1,766	1,501
United States-Czechia	59,995	50,996
United States-Denmark	375,998	319,598
United States-Dominica	562	478
United States-Dominican Republic	842,867	716,437
United States-Ecuador	228,917	194,580
United States-Egypt	101,823	86,550
United States-El Salvador	307,398	261,288
United States-Estonia	142	120
United States-Ethiopia	161,779	137,512
United States-Fiji	106,097	90,182
United States-Finland	140,941	119,800
United States-France	3,161,479	2,687,257
United States-Georgia	744	633
United States-Germany	5,341,700	4,540,445
United States-Ghana	90,301	76,756
United States-Greece	213,287	181,294
United States-Grenada	26,289	22,346
United States-Guatemala	182,480	155,108
United States-Guyana	49,338	41,937
United States-Haiti	90,462	76,893
United States-Honduras	96,761	82,247
United States-Hungary	51,762	43,998
United States-Iceland	348,597	296,307
United States-India	176,893*	150,359*
United States-Indonesia	1,050	892
United States-Iraq	-	-
United States-Ireland	924,485	785,813
United States-Israel	741,589	630,351
United States-Italy	1,605,392	1,364,583
United States-Jamaica	393,443	334,427
United States-Japan	6,742,912	5,731,475
United States-Jordan	113*	96*
United States-Kazakhstan	48*	41*
United States-Kenya	-	-
United States-Kiribati	-	-
United States-Kuwait	122,405	104,044

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
United States-Lao People's Democratic Republic	75	64
United States-Latvia	1,791	1,522
United States-Lebanon	1,651	1,403
United States-Lithuania	107	91
United States-Luxembourg	432,525	367,646
United States-Malaysia	56	48
United States-Malta	316	268
United States-Marshall Islands	13,900	11,815
United States-Mauritania	582	495
United States-Mexico	3,375,730	2,869,371
United States-Micronesia (Federated States of)	7,958	6,764
United States-Mongolia	496	422
United States-Montenegro	153	130
United States-Morocco	84,842	72,116
United States-Netherlands	2,648,394	2,251,135
United States-New Zealand	671,991	571,192
United States-Nicaragua	44,066	37,456
United States-Nigeria	73,418	62,405
United States-North Macedonia	1,291	1,097
United States-Norway	137,896	117,212
United States-Oman	471*	400*
United States-Palau	5,971	5,075
United States-Panama	507,350	431,247
United States-Papua New Guinea	87	74
United States-Paraguay	20,944	17,803
United States-Peru	491,375	417,668
United States-Philippines	648,750	551,437
United States-Poland	243,689	207,136
United States-Portugal	352,304	299,458
United States-Qatar	388*	330*
United States-Republic of Korea	4,729,772	4,020,306
United States-Romania	27,551	23,419
United States-Russian Federation	410,876	349,245
United States-Saint Kitts and Nevis	22,315	18,968
United States-Saint Lucia	61,122	51,954
United States-Saint Vincent and the Grenadines	5,442	4,626
United States-Samoa	178*	151*
United States-Saudi Arabia	304,237	258,601
United States-Senegal	12,870	10,940
United States-Serbia	27,016	22,964
United States-Singapore	658,320	559,572
United States-Slovakia	282	239
United States-Slovenia	725	617
United States-South Africa	290,986	247,338
United States-Spain	1,389,549	1,181,116

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
United States-Sri Lanka	218	185
United States-Suriname	2,600	2,210
United States-Sweden	230,669	196,069
United States-Switzerland	920,964	782,820
United States-Thailand	3,195	2,716
United States-Togo	30,015	25,512
United States-Tonga	46	39
United States-Trinidad and Tobago	153,896	130,811
United States-Tunisia	918	780
United States-Türkiye	950,992	808,343
United States-Ukraine	60,562	51,478
United States-United Arab Emirates	2,613,662	2,221,612
United States-United Kingdom	8,286,613	7,043,621
United States-Uruguay	62,740	53,329
United States-Uzbekistan	26,744	22,732
United States-Vanuatu	177	151
United States-Venezuela (Bolivarian Republic of)	19,925	16,936
United States-Viet Nam	1,595	1,356
Uruguay-Argentina	13,909	11,823
Uruguay-Bolivia (Plurinational State of)	123	104
Uruguay-Brazil	42,195	35,866
Uruguay-Chile	22,236	18,901
Uruguay-Colombia	1,055	897
Uruguay-Dominican Republic	65	55
Uruguay-Ecuador	752	639
Uruguay-Germany	601	511
Uruguay-Panama	39,501	33,576
Uruguay-Paraguay	10*	9*
Uruguay-Peru	24,478	20,806
Uruguay-Senegal	1,059	900
Uruguay-Spain	109,452	93,034
Uruguay-Trinidad and Tobago	81	69
Uruguay-United Kingdom	479	407
Uruguay-United States	47,751	40,588
Uzbekistan-Afghanistan	3,193	2,714
Uzbekistan-Armenia	18	16
Uzbekistan-Austria	318	271
Uzbekistan-Azerbaijan	4,832	4,107
Uzbekistan-Bangladesh	30*	26*
Uzbekistan-Belarus	5,844	4,967
Uzbekistan-Belgium	41	35
Uzbekistan-China	30,224	25,691
Uzbekistan-Cyprus	61	52
Uzbekistan-Czechia	1,793	1,524
Uzbekistan-Egypt	1,026	872

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Uzbekistan-Finland	37	31
Uzbekistan-France	8,404	7,144
Uzbekistan-Georgia	1,828	1,554
Uzbekistan-Germany	13,679	11,627
Uzbekistan-Hungary	17	14
Uzbekistan-India	13,266	11,276
Uzbekistan-Indonesia	3,635	3,090
Uzbekistan-Iraq	27	23
Uzbekistan-Israel	11,296	9,602
Uzbekistan-Italy	11,565	9,830
Uzbekistan-Japan	7,892	6,708
Uzbekistan-Kazakhstan	16,492	14,018
Uzbekistan-Kuwait	26	22
Uzbekistan-Kyrgyzstan	1,766	1,501
Uzbekistan-Latvia	4,410	3,748
Uzbekistan-Malaysia	7,546	6,414
Uzbekistan-Maldives	21	18
Uzbekistan-Morocco	285*	242*
Uzbekistan-Netherlands	294	250
Uzbekistan-Pakistan	1,586	1,348
Uzbekistan-Poland	-	-
Uzbekistan-Qatar	165	140
Uzbekistan-Republic of Korea	75,986	64,588
Uzbekistan-Romania	18	15
Uzbekistan-Russian Federation	333,451	283,434
Uzbekistan-Saudi Arabia	15,325	13,026
Uzbekistan-Singapore	2,298	1,953
Uzbekistan-Spain	88	74
Uzbekistan-Sweden	58	50
Uzbekistan-Switzerland	903	767
Uzbekistan-Tajikistan	1,027	873
Uzbekistan-Thailand	16,050	13,642
Uzbekistan-Türkiye	105,607	89,766
Uzbekistan-Turkmenistan	137	117
Uzbekistan-Ukraine	18	15
Uzbekistan-United Arab Emirates	19,281	16,388
Uzbekistan-United Kingdom	8,996	7,646
Uzbekistan-United States	25,053	21,295
Uzbekistan-Viet Nam	5,206	4,425
Vanuatu-Australia	22,330	18,980
Vanuatu-China	120	102
Vanuatu-Cook Islands	19	16
Vanuatu-Fiji	735	625
Vanuatu-France	956*	813*
Vanuatu-Indonesia	35	29

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Vanuatu-New Zealand	-	-
Vanuatu-Samoa	-	-
Vanuatu-Solomon Islands	831*	707*
Vanuatu-United States	53	45
Venezuela (Bolivarian Republic of)-Barbados	109*	93*
Venezuela (Bolivarian Republic of)-Belgium	-	-
Venezuela (Bolivarian Republic of)-Bolivia (Plurinational State of)	317	269
Venezuela (Bolivarian Republic of)-Cabo Verde	-	-
Venezuela (Bolivarian Republic of)-Colombia	735	624
Venezuela (Bolivarian Republic of)-Dominican Republic	199	169
Venezuela (Bolivarian Republic of)-Ecuador	116	98
Venezuela (Bolivarian Republic of)-Ethiopia	223	190
Venezuela (Bolivarian Republic of)-France	34,970	29,725
Venezuela (Bolivarian Republic of)-Iran (Islamic Republic of)	-	-
Venezuela (Bolivarian Republic of)-Netherlands	174	147
Venezuela (Bolivarian Republic of)-Panama	28,053	23,845
Venezuela (Bolivarian Republic of)-Paraguay	131	111
Venezuela (Bolivarian Republic of)-Portugal	11,618	9,876
Venezuela (Bolivarian Republic of)-Qatar	-	-
Venezuela (Bolivarian Republic of)-Russian Federation	-	-
Venezuela (Bolivarian Republic of)-Saudi Arabia	-	-
Venezuela (Bolivarian Republic of)-Spain	75,435	64,120
Venezuela (Bolivarian Republic of)-Trinidad and Tobago	75	64
Venezuela (Bolivarian Republic of)-Türkiye	43,350	36,848
Venezuela (Bolivarian Republic of)-United States	19,285	16,393
Viet Nam-Australia	172,685	146,782
Viet Nam-Bangladesh	114	97
Viet Nam-Belgium	352	299
Viet Nam-Bhutan	-	-
Viet Nam-Brunei Darussalam	3,176	2,700
Viet Nam-Cambodia	46,342	39,390
Viet Nam-China	1,270,345	1,079,793
Viet Nam-Denmark	1,384	1,177
Viet Nam-Ethiopia	4,290	3,646
Viet Nam-Fiji	41	35
Viet Nam-Finland	4,622	3,928
Viet Nam-France	177,560	150,926
Viet Nam-Germany	136,586	116,098
Viet Nam-Greece	910	773
Viet Nam-India	50,016	42,514
Viet Nam-Indonesia	26,805	22,784

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Viet Nam-Japan	495,235	420,950
Viet Nam-Kazakhstan	198	168
Viet Nam-Kuwait	-	-
Viet Nam-Lao People's Democratic Republic	13,421	11,408
Viet Nam-Malaysia	154,036	130,930
Viet Nam-Maldives	146	124
Viet Nam-Mongolia	18	15
Viet Nam-Myanmar	20,720	17,612
Viet Nam-Nepal	12*	10*
Viet Nam-Norway	448	380
Viet Nam-Palau	-	-
Viet Nam-Philippines	39,636	33,691
Viet Nam-Poland	-	-
Viet Nam-Qatar	-	-
Viet Nam-Republic of Korea	1,345,450	1,143,633
Viet Nam-Romania	359	305
Viet Nam-Russian Federation	298,014	253,312
Viet Nam-Singapore	212,955	181,012
Viet Nam-Slovakia	49	41
Viet Nam-Sri Lanka	54	46
Viet Nam-Sweden	6,879	5,847
Viet Nam-Switzerland	-	-
Viet Nam-Thailand	201,740	171,479
Viet Nam-Türkiye	112,729	95,820
Viet Nam-United Arab Emirates	180,975	153,829
Viet Nam-United Kingdom	3,634*	3,088*
Viet Nam-United States	10,564	8,979
Viet Nam-Uzbekistan	304	258
Viet Nam-Zimbabwe	-	-
Yemen-Djibouti	318	270
Yemen-Eritrea	36	31
Yemen-Ethiopia	69	59
Yemen-United Arab Emirates	1,483	1,261
Zambia-Angola	12	10
Zambia-Belgium	-	-
Zambia-Botswana	30	26
Zambia-Central African Republic	262	223
Zambia-Democratic Republic of the Congo	671	571
Zambia-Egypt	14	11
Zambia-Ethiopia	20,818	17,696
Zambia-India	41	35
Zambia-Italy	46	39
Zambia-Kenya	18,885	16,052
Zambia-Madagascar	17	14
Zambia-Malawi	1,455	1,237

State Pair	Total CO ₂ Emissions (tonnes)	
	Pilot phase 2019 data	First and Second phase 85% of 2019 data
Zambia-Mozambique	638	543
Zambia-Namibia	-	-
Zambia-Rwanda	28*	24*
Zambia-Seychelles	-	-
Zambia-South Africa	67,449	57,331
Zambia-Türkiye	6,514	5,537
Zambia-Uganda	124	105
Zambia-United Arab Emirates	-	-
Zambia-United Kingdom	47	40
Zambia-United Republic of Tanzania	1,816	1,543
Zambia-Zimbabwe	12,759	10,846
Zimbabwe-Angola	15	13
Zimbabwe-Belarus	-	-
Zimbabwe-Belgium	36	30
Zimbabwe-Botswana	3,129	2,660
Zimbabwe-Chad	16*	14*
Zimbabwe-Democratic Republic of the Congo	-	-
Zimbabwe-Denmark	42	35
Zimbabwe-Egypt	65	56
Zimbabwe-Ethiopia	13,349	11,347
Zimbabwe-Gambia	61	52
Zimbabwe-India	69	59
Zimbabwe-Italy	41	35
Zimbabwe-Kenya	24,762	21,048
Zimbabwe-Malawi	4*	3*
Zimbabwe-Maldives	51	43
Zimbabwe-Mozambique	45	39
Zimbabwe-Namibia	5,918	5,030
Zimbabwe-Niger	47	40
Zimbabwe-Russian Federation	51*	43*
Zimbabwe-Rwanda	6,492	5,518
Zimbabwe-Saudi Arabia	-	-
Zimbabwe-Seychelles	31	26
Zimbabwe-South Africa	79,057	67,199
Zimbabwe-Spain	47	40
Zimbabwe-Switzerland	73	62
Zimbabwe-Türkiye	39	33
Zimbabwe-Uganda	21*	18*
Zimbabwe-United Arab Emirates	1,138	967
Zimbabwe-United Kingdom	146	124
Zimbabwe-United Republic of Tanzania	5,503	4,677
Zimbabwe-Zambia	13,596	11,557

End of the Table

APPENDIX Status of 2019 CO₂ Emissions Reports

(As 28 October 2022)

Note: The status of reporting of CO₂ emissions is shown in the table below as: “Reported” or “Gap filling”. “Reported” means the State has submitted data through the CORSIA Central Registry (CCR). “Gap filling” means that the Secretariat provided data for States that have not submitted an annual aggregated Emissions Report through the CCR in accordance with the timeline as defined in Appendix 1 to Annex 16, Volume IV (Annex 16, Volume IV, Part II, Chapter 2, 2.5.2.2 refers). A blank cell means that the State has not reported any data and the gap filling methodology has resulted in either no emissions or emissions that are less than 10,000 tonnes.

Member State	2019 CO ₂ Emissions Report
Afghanistan	Reported
Albania	Reported
Algeria	Reported
Andorra	
Angola	Reported
Antigua and Barbuda	Reported
Argentina	Reported
Armenia	Reported
Australia	Reported
Austria	Reported
Azerbaijan	Reported
Bahamas	Reported
Bahrain	Reported
Bangladesh	Gap filling
Barbados	
Belarus	Reported
Belgium	Reported
Belize	
Benin	
Bhutan	Reported
Bolivia (Plurinational State of)	Reported
Bosnia and Herzegovina	
Botswana	
Brazil	Reported
Brunei Darussalam	Gap filling
Bulgaria	Reported
Burkina Faso	
Burundi	
Cabo Verde	Reported
Cambodia	Reported
Cameroon	
Canada	Reported
Central African Republic	

Member State	2019 CO₂ Emissions Report
Chad	
Chile	Reported
China	Reported
Colombia	Reported
Comoros	
Congo	
Cook Islands	
Costa Rica	Reported
Côte d'Ivoire	Reported
Croatia	Reported
Cuba	Reported
Cyprus	Reported
Czechia	Reported
Democratic People's Republic of Korea	
Democratic Republic of the Congo	Reported
Denmark	Reported
Djibouti	
Dominica	
Dominican Republic	
Ecuador	Reported
Egypt	Reported
El Salvador	Reported
Equatorial Guinea	Gap filling
Eritrea	
Estonia	Reported
Eswatini	
Ethiopia	Reported
Fiji	Reported
Finland	Reported
France	Reported
Gabon	
Gambia	
Georgia	Gap filling
Germany	Reported
Ghana	Reported
Greece	Reported
Grenada	
Guatemala	Reported
Guinea	
Guinea-Bissau	
Guyana	
Haiti	Gap filling
Honduras	
Hungary	Reported
Iceland	Reported
India	Reported

Member State	2019 CO₂ Emissions Report
Indonesia	Reported
Iran (Islamic Republic of)	Reported
Iraq	Reported
Ireland	Reported
Israel	Reported
Italy	Reported
Jamaica	
Japan	Reported
Jordan	Reported
Kazakhstan	Reported
Kenya	Reported
Kiribati	
Kuwait	Gap filling
Kyrgyzstan	Gap filling
Lao People's Democratic Republic	Reported
Latvia	Reported
Lebanon	Reported
Lesotho	
Liberia	
Libya	Gap filling
Lithuania	Reported
Luxembourg	Reported
Madagascar	Reported
Malawi	Gap filling
Malaysia	Reported
Maldives	Reported
Mali	
Malta	Reported
Marshall Islands	
Mauritania	Reported
Mauritius	Reported
Mexico	Reported
Micronesia (Federated States of)	
Monaco	
Mongolia	Gap filling
Montenegro	Reported
Morocco	Reported
Mozambique	Reported
Myanmar	Reported
Namibia	Reported
Nauru	
Nepal	Reported
Netherlands	Reported
New Zealand	Reported
Nicaragua	
Niger	

Member State	2019 CO₂ Emissions Report
Nigeria	Reported
North Macedonia	
Norway	Reported
Oman	Reported
Pakistan	Reported
Palau	
Panama	Reported
Papua New Guinea	Gap filling
Paraguay	Reported
Peru	Reported
Philippines	Reported
Poland	Reported
Portugal	Reported
Qatar	Reported
Republic of Korea	Reported
Republic of Moldova	Reported
Romania	Reported
Russian Federation	Gap filling
Rwanda	Reported
Saint Kitts and Nevis	
Saint Lucia	
Saint Vincent and the Grenadines	
Samoa	Gap filling
San Marino	
Sao Tome and Principe	
Saudi Arabia	Reported
Senegal	Reported
Serbia	Reported
Seychelles	Reported
Sierra Leone	
Singapore	Reported
Slovakia	Reported
Slovenia	Reported
Solomon Islands	
Somalia	
South Africa	Reported
South Sudan	
Spain	Reported
Sri Lanka	Reported
Sudan	Gap filling
Suriname	Reported
Sweden	Reported
Switzerland	Reported
Syrian Arab Republic	Gap filling
Tajikistan	Gap filling
Thailand	Reported

Member State	2019 CO₂ Emissions Report
Timor-Leste	
Togo	Reported
Tonga	
Trinidad and Tobago	Gap filling
Tunisia	Reported
Türkiye	Reported
Turkmenistan	Reported
Tuvalu	
Uganda	
Ukraine	Reported
United Arab Emirates	Reported
United Kingdom	Reported
United Republic of Tanzania	Reported
United States	Reported
Uruguay	Gap filling
Uzbekistan	Gap filling
Vanuatu	Reported
Venezuela (Bolivarian Republic of)	Gap filling
Viet Nam	Reported
Yemen	
Zambia	Reported
Zimbabwe	Reported

- END -