

UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT

# REVIEW OF MARITIME TRANSPORT 2010

*Report by the UNCTAD secretariat*

*Annex IV.*

*UNCTAD Liner Shipping Connectivity Index*



UNITED NATIONS  
New York and Geneva, 2010

## Annex IV. UNCTAD Liner Shipping Connectivity Index

	Index points									Rank 2010
	2004	2005	2006	2007	2008	2009	2010	Average annual growth 2004–2010	Growth 2010/ 2009	
<b>Albania</b>	0.40	0.40	0.40	2.28	1.98	2.30	4.34	0.66	2.04	128
<b>Algeria</b>	10.00	9.72	8.70	7.86	7.75	8.37	31.45	3.57	23.08	35
<b>American Samoa</b>	5.17	5.30	4.86	6.28	6.44	4.60	4.85	-0.05	0.25	123
<b>Angola</b>	9.67	10.46	9.46	9.90	10.22	11.31	10.71	0.17	-0.61	78
<b>Antigua and Barbuda</b>	2.33	2.56	2.43	3.76	3.82	2.66	2.40	0.01	-0.26	155
<b>Argentina</b>	20.09	24.95	25.58	25.63	25.70	25.99	27.61	1.25	1.62	42
<b>Aruba</b>	7.37	7.52	7.53	5.09	5.09	3.52	5.34	-0.34	1.82	118
<b>Australia</b>	26.58	28.02	26.96	26.77	38.21	28.80	28.11	0.25	-0.69	41
<b>Bahamas</b>	17.49	15.70	16.19	16.45	16.35	19.26	25.71	1.37	6.45	46
<b>Bahrain</b>	5.39	4.34	4.44	5.99	5.75	8.04	7.83	0.41	-0.21	99
<b>Bangladesh</b>	5.20	5.07	5.29	6.36	6.40	7.91	7.55	0.39	-0.36	102
<b>Barbados</b>	5.47	5.77	5.34	5.79	5.36	4.75	4.20	-0.21	-0.55	130
<b>Belgium</b>	73.16	74.17	76.15	73.93	77.98	82.80	84.00	1.81	1.20	8
<b>Belize</b>	2.19	2.59	2.62	2.61	2.32	2.30	3.95	0.29	1.66	135
<b>Benin</b>	10.13	10.23	10.99	11.16	12.02	13.52	11.51	0.23	-2.01	76
<b>Bermuda</b>	1.54	1.57	1.57	1.57	1.57	1.57	1.57	0.01	0.00	159
<b>Brazil</b>	25.83	31.49	31.61	31.64	30.87	31.08	31.65	0.97	0.58	34
<b>Brunei Darussalam</b>	3.91	3.46	3.26	3.70	3.68	3.94	5.12	0.20	1.18	122
<b>Bulgaria</b>	6.17	5.61	4.47	4.83	5.09	5.78	5.46	-0.12	-0.32	115
<b>Cambodia</b>	3.89	3.25	2.93	3.25	3.47	4.67	4.52	0.11	-0.15	125
<b>Cameroon</b>	10.46	10.62	11.41	11.65	11.05	11.60	11.34	0.15	-0.26	77
<b>Canada</b>	39.67	39.81	36.32	34.40	34.28	41.34	42.39	0.45	1.04	22
<b>Cape Verde</b>	1.90	2.28	2.76	2.45	3.63	5.13	3.69	0.30	-1.44	142
<b>Cayman Islands</b>	1.90	2.23	1.79	1.78	1.78	1.76	2.51	0.10	0.75	154
<b>Chile</b>	15.48	15.53	16.10	17.49	17.42	18.84	22.05	1.10	3.21	50
<b>China</b>	100.00	108.29	113.10	127.85	137.38	132.47	143.57	7.26	11.10	1
<b>China, Hong Kong</b>	94.42	96.78	99.31	106.20	108.78	104.47	113.60	3.20	9.12	2
<b>China, Taiwan Province of</b>	59.56	63.74	65.64	62.43	62.58	60.90	64.37	0.80	3.46	14
<b>Colombia</b>	18.61	19.20	20.49	29.13	21.64	23.18	26.13	1.25	2.96	45
<b>Comoros</b>	6.07	5.84	5.39	5.51	5.15	5.00	5.74	-0.06	0.74	111
<b>Congo</b>	8.29	9.10	9.12	9.61	11.80	11.37	10.45	0.36	-0.91	81
<b>Costa Rica</b>	12.59	11.12	15.08	15.34	12.78	14.61	12.77	0.03	-1.84	74
<b>Côte d'Ivoire</b>	14.39	14.52	12.98	14.98	16.93	19.39	17.48	0.52	-1.90	61
<b>Croatia</b>	8.58	12.19	10.47	12.33	15.36	8.48	8.97	0.06	0.49	88
<b>Cuba</b>	6.78	6.51	6.43	6.71	6.12	5.92	6.57	-0.03	0.65	104
<b>Cyprus</b>	14.39	18.53	17.39	18.01	11.81	13.31	16.20	0.30	2.89	64
<b>Czech Republic</b>	0.44	0.44	0.44	0.44	3.20	0.44	0.44	0.00	0.00	160
<b>Democratic Republic of the Congo</b>	3.05	3.03	2.66	2.68	3.36	3.80	5.24	0.37	1.44	119
<b>Denmark</b>	11.56	24.25	25.39	22.10	26.49	27.68	26.76	2.53	-0.92	43
<b>Djibouti</b>	6.76	7.59	7.36	10.45	10.43	17.98	19.55	2.13	1.57	55

## Annex IV. UNCTAD Liner Shipping Connectivity Index (continued)

	Index points								Rank 2010	
	2004	2005	2006	2007	2008	2009	2010	Average annual growth 2004–2010		Growth 2010/ 2009
<b>Dominica</b>	2.33	2.51	2.33	2.40	2.31	2.73	1.88	-0.07	-0.85	157
<b>Dominican Republic</b>	12.45	13.95	15.19	19.87	20.09	21.61	22.25	1.63	0.64	49
<b>Ecuador</b>	11.84	12.92	14.17	14.30	13.16	17.09	18.73	1.15	1.64	56
<b>Egypt</b>	42.86	49.23	50.01	45.37	52.53	51.99	47.55	0.78	-4.44	20
<b>El Salvador</b>	6.30	7.32	8.07	7.90	8.67	10.34	9.64	0.56	-0.71	83
<b>Equatorial Guinea</b>	4.04	3.87	3.76	3.36	3.86	3.73	4.37	0.06	0.64	127
<b>Eritrea</b>	3.36	1.58	2.23	-	3.26	3.26	0.02	-0.56	-3.24	161
<b>Estonia</b>	7.05	6.52	5.76	5.78	5.48	5.71	5.73	-0.22	0.02	112
<b>Faroe Islands</b>	4.22	4.40	4.43	4.45	4.20	4.20	4.21	0.00	0.00	129
<b>Fiji</b>	8.26	8.32	7.24	7.35	10.31	8.74	9.44	0.20	0.70	85
<b>Finland</b>	9.45	10.16	8.58	10.70	9.72	10.15	8.36	-0.18	-1.79	94
<b>France</b>	67.34	70.00	67.78	64.84	66.24	67.01	74.94	1.27	7.93	11
<b>French Polynesia</b>	10.46	11.14	8.91	8.60	9.01	8.39	8.88	-0.26	0.49	89
<b>Gabon</b>	8.78	8.76	8.72	8.57	8.93	9.16	8.55	-0.04	-0.62	92
<b>Gambia</b>	4.91	6.13	4.80	4.74	4.97	7.53	5.38	0.08	-2.15	117
<b>Georgia</b>	3.46	3.81	2.94	3.22	4.03	3.83	4.02	0.09	0.19	134
<b>Germany</b>	76.59	78.41	80.66	88.95	89.26	84.30	90.88	2.38	6.58	4
<b>Ghana</b>	12.48	12.64	13.80	14.99	18.13	19.33	17.28	0.80	-2.06	62
<b>Greece</b>	30.22	29.07	31.29	30.70	27.14	41.91	34.25	0.67	-7.65	30
<b>Greenland</b>	2.32	2.32	2.27	2.27	2.36	2.27	2.27	-0.01	0.00	156
<b>Grenada</b>	2.30	2.52	3.37	4.09	4.20	4.13	3.71	0.24	-0.42	141
<b>Guam</b>	10.50	10.52	9.56	8.73	8.56	8.57	8.78	-0.29	0.21	90
<b>Guatemala</b>	12.28	13.85	18.13	15.40	15.44	14.73	13.33	0.18	-1.39	71
<b>Guinea</b>	6.13	6.89	8.71	8.47	6.41	8.32	6.28	0.02	-2.04	107
<b>Guinea-Bissau</b>	2.12	5.19	5.03	5.14	5.34	3.54	3.50	0.23	-0.05	144
<b>Guyana</b>	4.54	4.37	4.60	4.28	4.36	4.34	3.95	-0.10	-0.38	136
<b>Haiti</b>	4.91	3.43	2.91	2.87	3.44	4.40	7.58	0.45	3.18	101
<b>Honduras</b>	9.11	8.64	8.29	8.76	9.26	10.68	9.09	0.00	-1.60	87
<b>Iceland</b>	4.72	4.88	4.75	4.72	4.72	4.73	4.70	0.00	-0.02	124
<b>India</b>	34.14	36.88	42.90	40.47	42.18	40.97	41.40	1.21	0.43	23
<b>Indonesia</b>	25.88	28.84	25.84	26.27	24.85	25.68	25.60	-0.05	-0.08	47
<b>Iran (Islamic Republic of)</b>	13.69	14.23	17.37	23.59	22.91	28.90	30.73	2.84	1.83	37
<b>Iraq</b>	1.40	1.63	4.06	2.61	1.20	5.11	4.19	0.47	-0.92	132
<b>Ireland</b>	8.78	9.66	8.18	8.85	7.64	7.60	8.53	-0.04	0.93	93
<b>Israel</b>	20.37	20.06	20.44	21.42	19.83	18.65	33.20	2.14	14.54	31
<b>Italy</b>	58.13	62.20	58.11	58.84	55.87	69.97	59.57	0.24	-10.40	16
<b>Jamaica</b>	21.32	21.99	23.02	25.50	18.23	19.56	33.09	1.96	13.53	32
<b>Japan</b>	69.15	66.73	64.54	62.73	66.63	66.33	67.43	-0.29	1.10	13
<b>Jordan</b>	11.00	13.42	12.98	16.46	16.37	23.71	17.79	1.13	-5.91	60
<b>Kenya</b>	8.59	8.98	9.30	10.85	10.95	12.83	13.09	0.75	0.26	72

## Annex IV. UNCTAD Liner Shipping Connectivity Index (continued)

	Index points									Rank 2010
	2004	2005	2006	2007	2008	2009	2010	Average annual growth 2004–2010	Growth 2010/ 2009	
<b>Kiribati</b>	3.06	3.28	3.05	3.06	3.06	2.85	2.86	-0.03	0.00	150
<b>Kuwait</b>	5.87	6.77	4.14	6.22	6.14	6.54	8.31	0.41	1.77	95
<b>Latvia</b>	6.37	5.82	5.10	5.87	5.52	5.18	5.98	-0.06	0.80	108
<b>Lebanon</b>	10.57	12.53	25.57	30.01	28.92	29.55	30.29	3.29	0.74	39
<b>Liberia</b>	5.29	5.95	4.55	4.50	4.25	5.49	5.95	0.11	0.46	109
<b>Libyan Arab Jamahiriya</b>	5.25	5.17	4.71	6.59	5.36	9.43	5.38	0.02	-4.05	116
<b>Lithuania</b>	5.22	5.88	5.66	6.83	7.76	8.11	9.55	0.72	1.44	84
<b>Madagascar</b>	6.90	6.83	8.31	7.97	7.82	8.64	7.38	0.08	-1.26	103
<b>Malaysia</b>	62.83	64.97	69.20	81.58	77.60	81.21	88.14	4.22	6.93	6
<b>Maldives</b>	4.15	4.08	3.90	4.75	5.45	5.43	1.65	-0.42	-3.78	158
<b>Malta</b>	27.53	25.70	30.32	29.53	29.92	37.71	37.53	1.67	-0.18	27
<b>Marshall Islands</b>	3.49	3.68	3.26	3.06	3.06	2.85	2.83	-0.11	-0.02	152
<b>Mauritania</b>	5.36	5.99	6.25	7.90	7.93	7.50	5.61	0.04	-1.88	113
<b>Mauritius</b>	13.13	12.26	11.53	17.17	17.43	14.76	16.68	0.59	1.92	63
<b>Mexico</b>	25.29	25.49	29.78	30.98	31.17	31.89	36.35	1.84	4.46	28
<b>Micronesia (Federated States of)</b>	2.80	2.87	1.94	3.13	3.85	3.85	3.43	0.10	-0.43	146
<b>Montenegro</b>	2.92	2.92	2.96	2.96	3.20	0.02	4.48	0.26	4.46	126
<b>Morocco</b>	9.39	8.68	8.54	9.02	29.79	38.40	49.36	6.66	10.95	18
<b>Mozambique</b>	6.64	6.71	6.66	7.14	8.81	9.38	8.16	0.25	-1.22	96
<b>Myanmar</b>	3.12	2.47	2.54	3.12	3.63	3.79	3.68	0.09	-0.11	143
<b>Namibia</b>	6.28	6.61	8.52	8.37	11.12	13.61	14.45	1.36	0.84	69
<b>Netherlands</b>	78.81	79.95	80.97	84.79	87.57	88.66	89.96	1.86	1.30	5
<b>Netherlands Antilles</b>	8.16	8.23	7.82	9.22	8.56	8.57	7.97	-0.03	-0.61	97
<b>New Caledonia</b>	9.83	10.34	9.00	8.81	9.23	8.74	9.37	-0.08	0.63	86
<b>New Zealand</b>	20.88	20.58	20.71	20.60	20.48	10.59	18.38	-0.42	7.79	58
<b>Nicaragua</b>	4.75	5.25	8.05	7.89	8.91	10.58	8.68	0.66	-1.90	91
<b>Nigeria</b>	12.83	12.79	13.02	13.69	18.30	19.89	18.28	0.91	-1.61	59
<b>Northern Mariana Islands</b>	2.17	2.20	1.85	2.86	3.76	3.76	3.43	0.21	-0.34	145
<b>Norway</b>	9.23	8.31	7.34	7.80	7.91	7.93	7.93	-0.22	0.00	98
<b>Oman</b>	23.33	23.64	20.28	28.96	30.42	45.32	48.52	4.20	3.20	19
<b>Pakistan</b>	20.18	21.49	21.82	24.77	24.61	26.58	29.48	1.55	2.89	40
<b>Palau</b>	1.04	1.04	1.87	3.07	3.79	3.79	3.43	0.40	-0.36	147
<b>Panama</b>	32.05	29.12	27.61	30.53	30.45	32.66	41.09	1.51	8.43	24
<b>Papua New Guinea</b>	6.97	6.40	4.67	6.86	6.92	6.58	6.38	-0.10	-0.20	106
<b>Paraguay</b>	0.53	0.53	6.32	6.25	0.65	0.00	0.00	-0.09	0.00	162
<b>Peru</b>	14.79	14.95	16.33	16.90	17.38	16.96	21.79	1.17	4.83	51
<b>Philippines</b>	15.45	15.87	16.48	18.42	30.26	15.90	15.19	-0.04	-0.71	67
<b>Poland</b>	7.28	7.53	7.50	7.86	9.32	9.21	26.18	3.15	16.97	44
<b>Portugal</b>	17.54	16.84	23.55	25.42	34.97	32.97	38.06	3.42	5.09	26
<b>Puerto Rico</b>	14.82	15.23	14.68	15.96	15.62	10.92	10.65	-0.69	-0.27	79

## Annex IV. UNCTAD Liner Shipping Connectivity Index (concluded)

	Index points									Rank 2010
	2004	2005	2006	2007	2008	2009	2010	Average annual growth 2004–2010	Growth 2010/ 2009	
<b>Qatar</b>	2.64	4.23	3.90	3.59	3.21	2.10	7.67	0.84	5.57	100
<b>Republic of Korea</b>	68.68	73.03	71.92	77.19	76.40	86.67	82.61	2.32	-4.06	10
<b>Romania</b>	12.02	15.37	17.61	22.47	26.35	23.34	15.48	0.58	-7.86	66
<b>Russian Federation</b>	11.90	12.72	12.81	14.06	15.31	20.64	20.88	1.50	0.24	53
<b>Saint Kitts and Nevis</b>	5.49	5.32	5.59	6.16	6.19	3.08	2.84	-0.44	-0.23	151
<b>Saint Lucia</b>	3.70	3.72	3.43	4.21	4.25	4.25	3.77	0.01	-0.47	137
<b>Saint Vincent and the Grenadines</b>	3.56	3.58	3.40	4.34	4.52	4.13	3.72	0.03	-0.40	140
<b>Samoa</b>	5.44	5.33	5.09	6.50	6.66	4.62	5.18	-0.04	0.56	120
<b>Sao Tome and Principe</b>	0.91	1.28	1.57	1.64	2.54	2.38	3.33	0.40	0.95	148
<b>Saudi Arabia</b>	35.83	36.24	40.66	45.04	47.44	47.30	50.43	2.43	3.13	17
<b>Senegal</b>	10.15	10.09	11.24	17.08	17.64	14.96	12.98	0.47	-1.98	73
<b>Seychelles</b>	4.88	4.93	5.27	5.29	4.49	4.90	5.16	0.05	0.26	121
<b>Sierra Leone</b>	5.84	6.50	5.12	5.08	4.74	5.56	5.80	-0.01	0.24	110
<b>Singapore</b>	81.87	83.87	86.11	87.53	94.47	99.47	103.76	3.65	4.29	3
<b>Slovenia</b>	13.91	13.91	11.03	12.87	15.66	19.81	20.61	1.12	0.80	54
<b>Solomon Islands</b>	3.62	4.29	3.97	4.13	4.16	3.96	5.57	0.33	1.61	114
<b>Somalia</b>	3.09	1.28	2.43	3.05	3.24	2.82	4.20	0.18	1.38	131
<b>South Africa</b>	23.13	25.83	26.21	27.52	28.49	32.07	32.49	1.56	0.42	33
<b>Spain</b>	54.44	58.16	62.29	71.26	67.67	70.22	74.32	3.31	4.10	12
<b>Sri Lanka</b>	34.68	33.36	37.31	42.43	46.08	34.74	40.23	0.93	5.49	25
<b>Sudan</b>	6.95	6.19	5.67	5.66	5.38	9.28	10.05	0.52	0.78	82
<b>Suriname</b>	4.77	4.16	3.90	4.29	4.26	4.16	4.12	-0.11	-0.04	133
<b>Sweden</b>	14.76	26.61	28.17	25.82	30.27	31.34	30.58	2.64	-0.77	38
<b>Switzerland</b>	3.53	3.40	3.20	3.27	3.01	2.74	2.58	-0.16	-0.16	153
<b>Syrian Arab Republic</b>	8.54	11.84	11.29	14.20	12.72	11.03	15.17	1.11	4.15	68
<b>Thailand</b>	31.01	31.92	33.89	35.31	36.48	36.78	43.76	2.12	6.98	21
<b>Togo</b>	10.19	10.62	11.09	10.63	12.56	14.42	14.24	0.67	-0.18	70
<b>Tonga</b>	3.81	4.75	4.45	4.07	4.23	3.99	3.73	-0.01	-0.26	139
<b>Trinidad and Tobago</b>	13.18	10.61	11.18	13.72	12.88	15.88	15.76	0.43	-0.13	65
<b>Tunisia</b>	8.76	7.62	7.04	7.23	6.95	6.52	6.46	-0.38	-0.05	105
<b>Turkey</b>	25.60	27.09	27.09	32.60	35.64	31.98	36.10	1.75	4.12	29
<b>Ukraine</b>	11.18	10.81	14.88	16.73	23.62	22.81	21.06	1.65	-1.75	52
<b>United Arab Emirates</b>	38.06	39.22	46.70	48.21	48.80	60.45	63.37	4.22	2.91	15
<b>United Kingdom</b>	81.69	79.58	81.53	76.77	77.99	84.82	87.53	0.97	2.71	7
<b>United Republic of Tanzania</b>	8.10	8.59	8.71	10.58	10.46	9.54	10.61	0.42	1.08	80
<b>United States</b>	83.30	87.62	85.80	83.68	82.45	82.43	83.80	0.08	1.36	9
<b>United States Virgin Islands</b>	1.77	3.00	3.22	3.76	3.81	3.70	3.32	0.26	-0.39	149
<b>Uruguay</b>	16.44	16.58	16.81	21.28	22.88	22.28	24.46	1.34	2.18	48
<b>Vanuatu</b>	3.92	4.48	4.41	4.34	4.36	4.22	3.75	-0.03	-0.47	138
<b>Venezuela (Bolivarian Republic of)</b>	18.22	19.90	18.62	20.26	20.46	20.43	18.61	0.06	-1.82	57
<b>Viet Nam</b>	12.86	14.30	15.14	17.59	18.73	26.39	31.36	3.08	4.98	36
<b>Yemen</b>	19.21	10.18	9.39	14.28	14.44	14.61	12.49	-1.12	-2.12	75

Source: UNCTAD, based on data provided by *Containerisation International Online*, [www.ci-online.co.uk](http://www.ci-online.co.uk).