

## Appendix 2

### Doing Business ‘Trading Across Borders’

**Table A1. Trading across borders (sorted by costs of exporting)**

Region or economy	Documents for export (number)	Time for export (days)	Costs of exporting (US\$ per container)	Documents for import (number)	Time for import (days)	Costs of importing (US\$ per container)
East Asia and Pacific	6.9	24.5	885.3	7.5	25.8	1,014.50
Eastern Europe and Central Asia	7	29.3	1,393.40	8.3	30.8	1,551.40
Latin America and Caribbean	7	22.2	1,107.50	7.6	25.8	1,228.40
Middle East and North Africa	7.1	24.8	992.2	8	28.7	1,128.90
OECD	4.5	9.8	905	5	10.4	986.1
South Asia	8.6	32.5	1,179.90	9.1	32.1	1,417.90
Sub-Saharan Africa	8.1	35.6	1,660.10	9	43.7	1,985.90
Afghanistan	12	67	2,500	11	71	2,100
Albania	7	21	745	9	22	750
Algeria	8	17	1,198	9	23	1,378
Angola	12	64	1,850	9	58	2,325
Antigua and Barbuda	5	19	1,107	6	19	1,174
Argentina	9	16	1,325	7	20	1,825
Armenia	7	30	1,165	8	24	1,335
Australia	6	9	930	6	12	1,120
Austria	4	8	843	5	8	843
Azerbaijan	9	56	2,715	14	56	2,945
Bangladesh	7	28	844	9	32	1,148
Belarus	8	24	1,672	8	29	1,672
Belgium	4	8	1,600	5	9	1,600
Belize	7	23	1,800	6	26	2,130
Benin	7	34	1,167	7	41	1,202
Bhutan	8	38	1,150	11	38	2,080
Bolivia	8	24	1,110	7	36	1,230
Bosnia and Herzegovina	6	19	1,030	7	18	985
Botswana	6	33	2,328	9	43	2,595
Brazil	8	18	1,090	7	22	1,240
Brunei	6	28	515	6	19	590
Bulgaria	5	23	1,329	7	21	1,377
Burkina Faso	11	45	2,096	11	54	3,522
Burundi	9	47	2,147	10	71	3,705
Cambodia	11	37	722	11	46	852
Cameroon	9	27	907	8	33	1,529
Canada	3	7	1,385	4	11	1,425
Cape Verde	5	21	1,024	5	21	1,024
Central African Republic	8	57	4,581	18	66	4,534
Chad	6	78	4,867	9	102	5,520
Chile	6	21	645	7	21	685
China	7	21	390	6	24	430

**Table A1** (continued)

Region or economy	Documents for export (number)	Time for export (days)	Costs of exporting (US\$ per container)	Documents for import (number)	Time for import (days)	Costs of importing (US\$ per container)
Colombia	6	24	1,440	8	20	1,440
Comoros	10	30	971	10	21	974
Congo, Dem. Rep.	8	46	2,307	9	66	2,183
Congo, Rep.	11	50	2,201	12	62	2,201
Costa Rica	7	18	660	8	25	660
Côte d'Ivoire	10	23	1,653	8	43	2,457
Croatia	7	22	1,200	8	16	1,200
Czech Republic	5	16	775	7	18	860
Denmark	4	5	540	3	5	540
Djibouti	8	22	960	6	18	960
Dominica	7	16	1,197	8	18	1,107
Dominican Republic	6	12	815	7	13	1,015
Ecuador	10	22	1,090	8	44	1,090
Egypt	6	15	714	7	18	729
El Salvador	8	21	540	11	18	540
Equatorial Guinea	7	29	1,403	7	46	1,403
Eritrea	9	59	1,331	13	69	1,581
Estonia	3	5	675	4	5	675
Ethiopia	8	46	1,617	8	42	2,793
Fiji Islands	13	25	573	13	25	570
Finland	4	8	420	5	8	420
France	4	11	1,028	5	12	1,148
Gabon	6	19	1,510	7	35	1,600
Gambia	7	23	809	8	23	869
Georgia	8	12	1,105	7	14	1,105
Germany	4	7	740	5	7	765
Ghana	6	19	895	7	29	895
Greece	5	20	998	6	25	1,245
Grenada	6	19	820	5	23	1,178
Guatemala	11	19	1,052	11	18	1,177
Guinea	7	33	570	9	32	995
Guinea-Bissau	6	27	1,445	6	26	1,749
Guyana	7	30	850	8	35	856
Haiti	8	52	1,650	10	53	1,860
Honduras	7	20	1,065	11	23	975
Hong Kong, China	4	6	525	4	5	525
Hungary	5	18	975	7	17	975
Iceland	5	15	469	5	14	443
India	8	18	820	9	21	910
Indonesia	5	21	667	6	27	623
Iran	8	26	860	10	42	1,330
Iraq	10	102	3,400	10	101	3,400
Ireland	4	7	1,090	4	12	1,139
Israel	5	12	560	4	12	560

**Table A1** (continued)

<b>Region or economy</b>	<b>Documents for export (number)</b>	<b>Time for export (days)</b>	<b>Costs of exporting (US\$ per container)</b>	<b>Documents for import (number)</b>	<b>Time for import (days)</b>	<b>Costs of importing (US\$ per container)</b>
Italy	5	20	1,291	5	18	1,291
Jamaica	6	21	1,750	6	22	1,350
Japan	4	10	989	5	11	1,047
Jordan	7	19	680	7	22	1,065
Kazakhstan	12	89	2,730	14	76	2,780
Kenya	9	29	1,955	8	37	1,995
Kiribati	6	21	1,550	7	21	1,550
Korea	4	11	745	6	10	745
Kuwait	8	20	935	11	20	935
Kyrgyz Republic	13	64	2,500	13	75	2,450
Lao PDR	9	50	1,750	10	50	1,930
Latvia	6	13	800	6	12	800
Lebanon	5	27	1,027	7	38	810
Lesotho	6	44	1,188	8	49	1,210
Liberia	10	20	1,032	9	10	1,032
Lithuania	6	10	820	6	13	980
Luxembourg	5	6	1,250	4	6	1,250
Macedonia, FYR	7	19	1,130	7	17	1,130
Madagascar	4	28	1,182	10	49	1,282
Malawi	12	45	1,623	10	54	2,500
Malaysia	7	18	432	7	14	385
Maldives	8	21	1,200	9	20	1,200
Mali	9	44	1,752	11	65	2,680
Marshall Islands	5	21	765	5	33	765
Mauritania	11	35	1,360	11	42	1,363
Mauritius	5	17	728	6	16	673
Mexico	5	17	1,302	5	23	2,411
Micronesia	3	30	1,145	6	30	1,145
Moldova	6	32	1,425	7	35	1,545
Mongolia	10	58	1,807	10	59	3,197
Montenegro	9	18	1,580	7	19	1,780
Morocco	8	14	600	11	19	800
Mozambique	8	27	1,155	10	38	1,185
Namibia	11	29	1,539	9	24	1,550
Nepal	9	43	1,600	10	35	1,725
Netherlands	4	6	880	5	6	1,005
New Zealand	7	10	725	5	9	800
Nicaragua	5	36	1,021	5	38	1,054
Niger	8	59	2,945	10	68	2,946
Nigeria	10	26	1,026	9	46	1,047
Norway	4	7	518	4	7	468
Oman	10	22	665	10	26	824
Pakistan	9	24	515	8	19	1,336
Palau	6	29	1,160	10	35	1,110

**Table A1** (continued)

Region or economy	Documents for export (number)	Time for export (days)	Costs of exporting (US\$ per container)	Documents for import (number)	Time for import (days)	Costs of importing (US\$ per container)
Panama	3	9	650	4	9	850
Papua New Guinea	7	26	584	9	29	642
Paraguay	9	35	720	10	33	900
Peru	7	24	590	8	31	670
Philippines	8	17	800	8	18	800
Poland	5	17	834	5	27	834
Portugal	6	16	580	7	16	994
Puerto Rico	7	15	1,225	10	16	1,225
Romania	5	12	1,075	6	13	1,075
Russia	8	36	2,050	13	36	2,050
Rwanda	9	47	2,975	9	69	4,970
Samoa	7	27	1,010	7	31	1,375
São Tomé and Príncipe	8	27	690	9	29	577
Saudi Arabia	5	19	1,008	5	20	758
Senegal	11	20	828	11	26	1,720
Serbia	6	12	1,240	6	14	1,440
Seychelles	6	17	1,839	5	19	1,839
Sierra Leone	8	31	1,282	7	34	1,242
Singapore	4	5	416	4	3	367
Slovakia	6	25	1,015	8	25	1,050
Slovenia	6	20	971	8	21	1,019
Solomon Islands	7	24	1,056	4	21	1,238
South Africa	8	30	1,087	9	35	1,195
Spain	6	9	1,000	8	10	1,000
Sri Lanka	8	21	810	6	21	844
St Kitts and Nevis	6	15	750	6	17	756
St Lucia	5	18	1,375	8	21	1,420
St Vincent and the Grenadines	6	15	1,770	6	16	1,769
Sudan	7	39	1,700	7	54	2,300
Suriname	8	25	905	7	25	815
Swaziland	9	21	1,798	11	34	1,820
Sweden	4	8	561	3	6	619
Switzerland	4	8	1,238	5	9	1,333
Syria	8	19	1,300	9	23	1,900
Taiwan, China	7	13	747	7	12	747
Tajikistan	10	82	3,000	11	83	4,500
Tanzania	5	24	1,212	7	30	1,425
Thailand	7	17	615	9	14	786
Timor-Leste	6	25	990	7	26	995
Togo	6	24	872	8	29	894
Tonga	7	19	545	6	25	620
Trinidad and Tobago	5	14	693	7	26	1,100
Tunisia	5	17	540	7	22	810
Turkey	7	14	865	8	15	1,013

**Table A1** (continued)

<b>Region or economy</b>	<b>Documents for export (number)</b>	<b>Time for export (days)</b>	<b>Costs of exporting (US\$ per container)</b>	<b>Documents for import (number)</b>	<b>Time for import (days)</b>	<b>Costs of importing (US\$ per container)</b>
Uganda	6	39	2,940	7	37	2,990
Ukraine	6	31	1,045	10	39	1,065
United Arab Emirates	7	13	462	8	13	462
United Kingdom	4	13	940	4	13	1,267
United States	4	6	960	5	5	1,160
Uruguay	10	24	925	10	23	1,180
Uzbekistan	7	80	2,550	11	104	4,050
Vanuatu	7	26	1,815	9	30	2,225
Venezuela	8	45	2,400	9	65	2,400
Vietnam	6	24	669	8	23	881
West Bank and Gaza	6	25	830	6	40	995
Yemen	6	33	1,129	9	31	1,475
Zambia	8	53	2,098	11	64	2,840
Zimbabwe	9	52	1,879	13	67	2,420

## Notes

- 1 For instance, we found large disparities between the AfT data recorded by the OECD/WTO and the AfT data as recorded by ministries in-country (Cali, 2007). The analysis also highlights the need for a better definition and a harmonisation of the categories used to record AfT, along with clear criteria on how to calculate the trade component in multipurpose projects. See also Turner (2008).
- 2 Te Velde et al. (2006) argue in relation to the evaluation of EC trade-related assistance activities: 'there is generally little quantitative evidence provided – descriptive or analytical – which is a significant gap. The EC's own assessment was based on interviews and analysis of documents, with no quantitative estimation of the impact of these activities on trade and economic development.'
- 3 WTO (2006).
- 4 See Burnside and Dollar (2000) and Rajan and Subramanian (2007) for illustrations.
- 5 The main results are robust to using  $\ln(AfT)$ .
- 6 For instance, types of projects included in this category of aid include simplification and harmonisation of international import and export procedures (e.g. customs valuation, licensing procedures, transport formalities, payments, insurance) and support to customs departments.
- 7 We prefer to base the analysis on aid for trade policy and regulation data, rather than on aid for trade facilitation data for two reasons: first, the former encompasses a broader range of activities which may still be important in influencing the costs of trading across borders; second, the former data come from the OECD CRS database, which is likely to soon become the standard for aid for trade data (see below).
- 8 WTO/OECD reports on the WTO/OECD database and Cali et al. (2006) have discussed this database in detail to describe the pattern of past aid for trade spending by donors, recipients and category.
- 9 Such could be the case, for instance, if aid were allocated on the basis of the expected efficiency of its use (so that it would target relatively more efficient bureaucracies).
- 10 Oceania is included in Asia.
- 11 We test for nonlinearities, but the robust t-statistics for the coefficients of the linear and squared terms of  $AfT$  were 0.08 and 0.38 respectively (not reported here).
- 12 When we tried to include a squared term for  $Ainf$ , it made both terms jointly nonsignificant, according to an F-test.

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