

# **Illicit Financial Flows from Developing Countries: 2002 - 2006**

Dev Kar and Devon Cartwright-Smith

## Statistical Appendix



The following Statistical Appendix consists of 20 tables. The first three tables show the nature and extent of capital controls in developing countries, the system of classifying developing countries, and the extent of data deficiencies affecting the Hot Money measure. Table 4 presents alternative estimates of trade mispricing obtained by applying the DOTS and IPPS models. Tables 5 and 6 present summary estimates of non-normalized and normalized illicit flows provided by the various models and the regional breakdown of these estimates. As the CED-GER models are the main ones used in this paper to analyze developments in global and regional illicit flows, the combined estimates are shown separately in Table 7 for ease of reference. In addition, the non-normalized and normalized estimates of illicit flows for individual countries obtained through the Hot Money model, the World Bank Residual model (CED as well as NDF), and the Trade Mispricing model (GER as well as Net) are presented in ten tables (Tables 8-17). Tables 18-19 show the non-normalized and normalized estimates of illicit outflows for individual countries obtained by applying the CED-GER models. The data presented in these two tables form the basis for the global distribution of illicit financial flows shown in Charts 11 and 12. Table 20 lists the 28 countries and the volume of illicit flows that were eliminated through the normalization procedures.

Table 1: Summary Features of Exchange Arrangements and Regulatory Frameworks

	Status under IMF Articles of Agreement	Exchange rate arrangements							Exchange Rate Structure		Arrangements for payments and receipts		Proceeds from exports and/or invisible transactions				
	Article VIII	Article XIV	Exchange arrangement with no separate legal tender	Currency board arrangement	Conventional pegged arrangement	Pegged exchange rate within horizontal bands	Crawling peg	Crawling band	Managed floating with no pre-determined path for the exchange rate	Independently floating	Dual exchange rates	Multiple exchange rates	Bilateral payments arrangements	Payments areas	Controls on payments for invisible transactions and current transfers	Repatriation requirements	Surrender requirements
<b>Developing Countries</b>																	
Afghanistan, I.R. of		•							•				•	/	•	/	/
Albania		•							•				•	•	•	•	•
Algeria	•								•				•	•	•	•	•
Angola		•							•				•	•	•	•	•
Argentina	•								•				•	•	•	•	•
Armenia	•								•				•	•	•	•	•
Azerbaijan, Rep. of	•				◇								•	•	•	•	•
Bahamas, The	•				◇					•			•	•	•	•	•
Bahrain, Kingdom of	•				◇								•	•	•	•	•
Bangladesh	•								•				•	•	•	•	•
Barbados	•				◇								/	•	•	•	•
Belarus	•				◇								•	•	•	•	•
Belize	•				◇					•			•	•	•	•	•
Benin	•		▲										•	•	•	•	•
Bolivia	•						◇						•	•	•	•	•
Bosnia & Herzegovina		•		▲										•	•	•	•
Brazil	•								•					•	•	•	•
Brunei Darussalam	•			♦										•	•	•	•
Bulgaria	•			▲									•	•	•	•	•
Burkina Faso	•		▲										•	•	•	•	•
Burundi		•							•				•	•	•	•	•
Cambodia	•								•	•				•	•	•	•
Cameroon	•		▲										•	•	•	•	•
Cape Verde	•				▲								•	•	•	•	•
Central African Rep.	•		▲										•	•	•	•	•
Chad	•		▲										•	•	•	•	•
Chile	•								•					•	•	•	•
China, P.R.: Mainland	•				◇									•	•	•	•
Colombia	•								•					•	•	•	•
Comoros	•				▲									•	•	•	•
Congo, Dem. Rep. of	•								•				•	•	•	•	•
Congo, Republic of	•		▲										•	•	•	•	•
Costa Rica	•													•	•	•	•
Côte d'Ivoire	•		▲										•	•	•	•	•
Croatia	•												•	•	•	•	•
Cyprus	•													•	•	•	•
Czech Republic	•								•					•	•	•	•
Djibouti	•				◇								•	•	•	•	•
Dominican Republic	•								•				•	•	•	•	•
Ecuador	•		□										•	•	•	•	•
Egypt	•				◇								•	•	•	•	•
El Salvador	•		□											•	•	•	•
Equatorial Guinea	•		▲										•	•	•	•	•
Estonia	•				±								•	•	•	•	•
Ethiopia		•								•				•	•	•	•
Fiji	•												/	/	•	•	•
Gabon	•		▲										•	•	•	•	•
Gambia, The	•								•					•	•	•	•
Georgia	•								•					•	•	•	•
Ghana	•								•					•	•	•	•
Grenada	•		◇											•	•	•	•
Guatemala	•								•				•	•	•	•	•
Guinea	•								•				•	•	•	•	•

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	Article VIII	Article XIV	Exchange arrangement with no separate legal tender	Currency board arrangement	Conventional pegged arrangement	Pegged exchange rate within horizontal bands	Crawling peg	Crawling band	Managed floating with no pre-determined path for the exchange rate	Independently floating	Dual exchange rates	Multiple exchange rates	Bilateral payments arrangements	Payments areas	Controls on payments for invisible transactions and current transfers	Repatriation requirements	Surrender requirements
Guinea-Bissau	•		▲										•	•	•	•	•
Guyana	•				◊								•	•			
Haiti	•				◊			•					•	•			
Honduras	•				◊								•			•	•
Hungary	•					▲											
India	•							•							•	•	•
Indonesia	•							•									
Iran, I.R. of	•						◊								•		
Iraq		•			◊								•	•	•	•	•
Israel	•							•	•								
Jamaica	•							•									
Jordan	•				◊							•					
Kazakhstan	•							•						•	•	•	•
Kenya	•							•									
Kuwait	•				◊									•			
Kyrgyz Republic	•							•					•	•			
Lao People's Dem.Rep		•						•					•	/	•	•	•
Latvia	•				±												
Lebanon	•				◊												
Liberia		•						•						•			
Lithuania	•				±								•				
Macedonia, FYR	•				▲								•		•		
Madagascar	•							•					•			•	
Malawi	•							•					•	•	•	•	•
Malaysia	•							•					•			•	•
Maldives		•			◊												
Mali	•		▲												•	•	•
Malta	•				±												
Mauritania	•				◊								•	•	•	•	•
Mauritius	•							•									
Mexico	•								•				•				
Moldova	•							•					•		•	•	
Mongolia	•							•					•				
Morocco	•				+										•	•	•
Mozambique		•						•						•	•	•	•
Myanmar		•						•		•				•	•	•	•
Nepal	•				◊										•	•	•
Nicaragua	•						◊						•	•			
Niger	•		▲												•	•	•
Nigeria		•						•			•			•	•	•	•
Oman	•				◊												
Pakistan	•				◊											•	•
Panama	•		◻														
Papua New Guinea	•							•							•		
Paraguay	•							•							•		
Peru	•							•					•	•			
Philippines	•								•						•		
Poland	•								•						•		
Qatar	•				◊								/				
Romania	•							•					•	•			
Russia	•												•				
Rwanda	•							•						•	•	•	•
St. Lucia	•		◊												•	•	•
St. Vincent & Grens.	•		◊											•	•	•	•

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Samoa	•														•	•	•
Saudi Arabia	•				◊												
Senegal	•		▲														
Serbia & Montenegro	•		◻					•						•			
Seychelles	•				◊								•	•			
Sierra Leone	•								•				•	•			
Slovak Republic	•					±											
Slovenia	•					±											
Solomon Islands	•				◊												
Somalia		•							•	•		/	/				
South Africa	•								•								
Sri Lanka	•							•									
Sudan	•							•									
Suriname	•				◊							•	/	•			
Syrian Arab Republic		•			◊							•	•	•			
Tajikistan	•							•									
Tanzania	•								•					•			
Thailand	•							•									
Togo	•		▲											•			
Tonga	•					^											
Tunisia	•							•									
Turkey	•								•								
Turkmenistan		•			◊							•	•	•			
Uganda	•								•								
Ukraine	•				◊									/			
United Arab Emirates	•				◊												
Uruguay	•							•					•				
Uzbekistan	•							•							•	•	•
Vanuatu	•				^							■	■	■	■	■	■
Vietnam	•				◊								•	•	•	•	•
Yemen, Republic of	•								•					•			
Zambia	•							•						•			
Zimbabwe	•				◊							•	•	•	•	•	•
Aruba	•				◊									•	•	•	•

## Key and Footnotes

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- / Data were not available at time of publication.
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Source: *Annual Report on Exchange Arrangements and Exchange Restrictions*, 2006. IMF, Washington DC

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	Capital transactions	Controls on:										Provisions specific to:	
	Capital market securities	Money market instruments	Collective investment securities	Derivatives and other instruments	Commercial credits	Financial credits	Guarantees, sureties, and financial backup facilities	Direct investment	Liquidation of direct investment	Real estate transactions	Personal capital movements	Commercial banks and other credit institutions	Institutional investors
<b>Developing Countries</b>													
Afghanistan, I.R. of	/	/	/	/	/	/	/	/	/	/	/	•	•
Albania	•	•	•	•	•	•	•	•	•	•	•	•	■
Algeria	•	/	•	•	•	•	•	•	•	•	•	•	•
Angola	•	•	•	■	•	•	•	•	•	•	•	•	■
Argentina	•	•	•	■	•	•	•	•	•	•	•	•	•
Armenia													
Azerbaijan, Rep. of	•	•	•	■	•	•		•		•	•	•	
Bahamas, The	•	•	•	•	•	•	•	•		•	•	•	/
Bahrain, Kingdom of	•	•						•		•	•	•	
Bangladesh	•	•	•	•	•	•	•	•	•	•	•	•	•
Barbados	•	•	•	•	•	•	•	•	•	•	•	•	•
Belarus	•	•	•	•	•	•	•	•		•	•	•	•
Belize	•	•	•	•	•	•	•	•	•	•	•	•	•
Benin	•	•	•	•	•	•	•	•		•	•	•	•
Bolivia					•	•					•	•	•
Bosnia & Herzegovina	•					•		•		•	•	•	•
Brazil	•		■	•	■			•			•	•	•
Brunei Darussalam								•		•	•	•	•
Bulgaria						•	•	•		•	•	•	•
Burkina Faso	•	•	•	•	•	•	•	•		•	•	•	•
Burundi	•	•	■	■	•	•	•	•	•	•	•	•	•
Cambodia	■	■	■	■				•		•	•	•	•
Cameroon	•	•	•	■	•	•	•	•	•	•	•	•	•
Cape Verde	•	•		■	•	•	•	•		•	•	•	/
Central African Rep.	•	•	•	•	•	•	•	•	•	/	•	/	/
Chad	•	•	•	•	•	•	•	•	•	•	•	•	/
Chile			•	•							•	•	•
China, P.R.: Mainland	•	•	•	•	•	•	•	•	•	•	•	•	•
Colombia	•	•	•	•	•	•	•	•	•	•	•	•	•
Comoros	•	■	■	■	•	•	•	•	•	•	•	•	•
Congo, Dem. Rep. of	•	•	•	•	•	•	•	•	•	•	•	•	•
Congo, Republic of	•	•	•	•	•	•	•	•	•	/	/	/	/
Costa Rica											/	•	/
Côte d'Ivoire	•	•	•	•	•	•	•	•		•	•	•	•
Croatia	•	•	•	•	•	•	•			•	•	•	•
Cyprus								•		•	•	•	•
Czech Republic	•	•	•	•				•		•		•	•
Djibouti					•	•	•	•			•	•	•
Dominican Republic						•	•	•			•	•	•
Ecuador					•		•	•					
Egypt	•			■	•			•				•	•
El Salvador								•				•	•
Equatorial Guinea	•	•	•	•	•	•	•	•	•	•	•	•	•
Estonia											•	•	•
Ethiopia	•	•	■	■	•	•	•	•	•	•	•	•	•
Fiji	•	•	•	•	•	•	•	•	•	•	•	•	•
Gabon	•	•	•	•	•	•	•	•	•	•	•	•	•
Gambia, The						•						•	•
Georgia				•									/
Ghana	•	•	•	•	•	•		•		•	•	•	•
Grenada	•	•	•	•	•	•	/	•	•	•	•	•	•
Guatemala												•	•
Guinea	•	•	•	•	•	•	•	•		•	•	•	•

Table 1: Summary Features of Exchange Arrangements and Regulatory Frameworks

	Capital transactions	Controls on:										Provisions specific to:	
	Capital market securities	Money market instruments	Collective investment securities	Derivatives and other instruments	Commercial credits	Financial credits	Guarantees, sureties, and financial backup facilities	Direct investment	Liquidation of direct investment	Real estate transactions	Personal capital movements	Commercial banks and other credit institutions	Institutional investors
Guinea-Bissau	•	•	•	•	•	•	•	•		•	•	•	•
Guyana					•	•	•					•	•
Haiti				/								•	/
Honduras	•		•		•	•	•	•		•		•	•
Hungary	•	•	•									•	•
India	•	•	•	•	•	•	•	•	•	•	•	•	•
Indonesia	•	•	•	•	•	•	•	•		•		•	•
Iran, I.R. of	•	•	•	/	•	•	•	•	•	•	•	•	/
Iraq	/	/	/	/	/	/	/	•	/	•	/	•	/
Israel												•	/
Jamaica	•	•	•	•							■	•	•
Jordan								•		•		•	•
Kazakhstan	•	•	•	•	•	•		•		•	•	•	•
Kenya	•	•	•	•						•		•	•
Kuwait	•	•	•	•				•		•		•	•
Kyrgyz Republic	•	•	•	■						•		•	•
Lao People's Dem.Rep	•	•	•	•	•	•		•		•	•	•	/
Latvia										•		•	•
Lebanon	•	•	•	•	•	•	•	•		•		•	•
Liberia													/
Lithuania								•		•	•	•	•
Macedonia, FYR	•	•	•	•	•	•	•	•		•	•	•	•
Madagascar	•	■	■	■	•	•	/	•	•	•	/	•	/
Malawi	•	•	•	•	•	•	•	•		•	•	•	/
Malaysia	•	•	•	•	•	•	•	•		•	•	•	•
Maldives	•	•	•	■	•	•	•	•		•	•	•	■
Mali	•	•	•	•	•	•	•	•		•	•	•	•
Malta										•		•	•
Mauritania	•	•	•	•	•	•	•	•		•	•	•	/
Mauritius	•									•		•	•
Mexico	•	•	•	•		•	•	•		•	•	•	•
Moldova	•	•	•	•	•	•	•	•	•	•	•	•	•
Mongolia	•	•	•	•	•	•	•	■		•	•	•	•
Morocco	•	•	•	•	•	•	•	•	•	•	•	•	•
Mozambique	•	•	•	•	•	•	•	•	•	•	•	•	•
Myanmar	/	/	/	/	•	•	•	•	•	•	•	•	/
Nepal	•		/		•	•	•	•	•	•	•	•	■
Nicaragua								•				•	•
Niger	•	•	•	•	•	•	•	•	•	•	•	•	•
Nigeria	•	•			•					•	•	•	•
Oman	•							•		•		•	/
Pakistan	•	•	•	•	•	•	•	•		•	•	•	•
Panama													
Papua New Guinea	•	•	•	•	•	•	•	•	•	•	•	•	•
Paraguay												•	•
Peru												•	•
Philippines	•	•	•	•	•	•	•	•		•	•	•	•
Poland	•	•	•	•		•	•			•	•	•	•
Qatar								•		•	•		
Romania				•						•		•	■
Russia	•	•	•	•		•		•			•	•	•
Rwanda	•	•	•	•		•	•	•		•	•	•	•
St. Lucia	•	•	•	•		•			/	•	/	•	•
St. Vincent & Grens.	•	•	•	•	•	•	/	•		•	/	•	/

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Samoa	•	•	•		•	•	•	•	•	•	•	•	•	
Saudi Arabia	•	•	•	•	•	•	•	•		•	•	•	•	
Senegal	•	•	•	•	•	•	•	•		•	•	•	•	
Serbia & Montenegro	•	•	•	•	•	•		•	•	•	•	•	•	
Seychelles										•		•		
Sierra Leone	•	•	•	■		•	•	•			■	•	■	
Slovak Republic	•		•					•	■	•		•	•	
Slovenia			•					•		•		•	•	
Solomon Islands	•	•	•	•	•	•	•	•	•	•	•	•	•	
Somalia	•	•	•	/	•	•	•	•	•	•	/	•	/	
South Africa	•	•	•	•	•	•	•	•	•	•	•	•	•	
Sri Lanka	•	•	•	•	•	•	•	•	•	•	•	•	•	
Sudan	•	•	/	/	•	•	•	•	•	•	•	•	•	
Suriname	•	•	•	•	•	•	/	•	•	•	•	•	•	
Syrian Arab Republic	•	•	■	/	•	•	•	•	•	•	/	•	/	
Tajikistan	•	•	•	•	•	•	•	•	•	•	•	•	•	
Tanzania	•	•	•	•	•	•	•	•	•	•	•	•	•	
Thailand	•	•	•	•	•	•	•	•		•	•	•	•	
Togo	•	•	•	•	•	•	•	■		•	•	•	•	
Tonga	•	•	•	•	•	•	•	■	•	•	•	•	/	
Tunisia	•	•	•	•	•	•	•	■		•	•	•	•	
Turkey	•	•	•	•	•	•	•	■		•	•	•	•	
Turkmenistan	•	•	•	/	•	•	•	■		•	•	•	•	
Uganda										•		•		
Ukraine	•	•	•	•	•	•	•	•		•		•	•	
United Arab Emirates	•		•					•		•		•		
Uruguay				■								•	•	
Uzbekistan	•	■	•	■	•	•	•	•	•	•	•	•	■	
Vanuatu	■	■	■	■	■	■	■	■	■	■	■	■	■	
Vietnam	•	•	•	•	•	•	•	•	/	•	•	•	•	
Yemen, Republic of					•	•						•		
Zambia												•		
Zimbabwe	•	•	•	•	•	•	•	•	•	•	•	•	•	
Aruba	•	•	•	•	•	•	•	•	•	•	•	•	•	

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101	88	87	74	88	96	78	106	45	109	84	132	75
3	4	5	9	2	2	6	1	4	3	8	3	22
2	5	8	16	2	1	1	7	2	1	3	1	8

Source: *Annual Report on Exchange Arrangements and Exchange Restrictions*, 2006. IMF, Washington DC

Table 2: Classification of 160 Developing Countries

<b>Africa - 48</b>	<b>Asia - 30</b>	<b>Europe - 31</b>	<b>Middle East and North Africa - 18</b>	<b>Western Hemisphere - 33</b>
Angola	Afghanistan, I.R. Of	Albania	Algeria	Antigua & Barbuda
Benin	Bangladesh	Armenia	Bahrain, Kingdom Of	Argentina
Botswana	Bhutan	Azerbaijan, Rep. Of	Egypt	Aruba
Burkina Faso	Brunei Darussalam	Belarus	Iran, I.R. Of	Bahamas, The
Burundi	Cambodia	Bosnia & Herzegovina	Iraq	Barbados
Cameroon	China,P.R.: Mainland	Bulgaria	Israel	Belize
Cape Verde	Fiji	Croatia	Jordan	Bolivia
Central African Rep.	India	Cyprus	Kuwait	Brazil
Chad	Indonesia	Czech Republic	Lebanon	Chile
Comoros	Kiribati	Estonia	Libya	Colombia
Congo, Dem. Rep. Of	Lao People's Dem.Rep	Georgia	Morocco	Costa Rica
Congo, Republic Of	Malaysia	Hungary	Oman	Dominica
Côte D'Ivoire	Maldives	Kazakhstan	Qatar	Dominican Republic
Djibouti	Marshall Islands	Kyrgyz Republic	Saudi Arabia	Ecuador
Equatorial Guinea	Micronesia	Latvia	Syrian Arab Republic	El Salvador
Eritrea	Mongolia	Lithuania	Tunisia	Grenada
Ethiopia	Myanmar	Macedonia, Fyr	United Arab Emirates	Guatemala
Gabon	Nepal	Malta	Yemen, Republic Of	Guyana
Gambia, The	Pakistan	Moldova		Haiti
Ghana	Palau	Montenegro		Honduras
Guinea	Papua New Guinea	Poland		Jamaica
Guinea-Bissau	Philippines	Romania		Mexico
Kenya	Samoa	Russia		Nicaragua
Lesotho	Solomon Islands	Serbia		Panama
Liberia	Sri Lanka	Slovak Republic		Paraguay
Madagascar	Thailand	Slovenia		Peru
Malawi	Timor-Leste	Tajikistan		St. Kitts
Mali	Tonga	Turkey		St. Lucia
Mauritania	Vanuatu	Turkmenistan		St. Vincent & Grens.
Mauritius	Vietnam	Ukraine		Suriname
Mozambique		Uzbekistan		Trinidad & Tobago
Namibia				Uruguay
Niger				Venezuela, Rep. Bol.
Nigeria				
Rwanda				
São Tomé & Príncipe				
Senegal				
Seychelles				
Sierra Leone				
Somalia				
South Africa				
Sudan				
Swaziland				
Tanzania				
Togo				
Uganda				
Zambia				
Zimbabwe				

**Table 3: Hot Money Method - Data Issues, 2002 - 2006**

Afghanistan, I.R. Of	X	Côte D'Ivoire		Kuwait		Paraguay		Turkmenistan	X
Albania		Croatia		Kyrgyz Republic		Peru		Uganda	
Algeria	X	Cyprus		Lao People's Dem.Rep		Philippines		Ukraine	
Angola		Czech Republic		Latvia		Poland		United Arab Emirates	X
Antigua & Barbuda	X	Djibouti		Lebanon		Qatar	X	Uruguay	
Argentina		Dominica		Lesotho		Romania		Uzbekistan	X
Armenia		Dominican Republic		Liberia	X	Russia		Vanuatu	
Aruba		Ecuador		Libya		Rwanda		Venezuela, Rep. Bol.	
Azerbaijan, Rep. Of		Egypt		Lithuania		Samoa		Vietnam	
Bahamas, The		El Salvador		Macedonia, Fyr		São Tomé & Príncipe		Yemen, Republic Of	
Bahrain, Kingdom Of		Equatorial Guinea	X	Madagascar		Saudi Arabia		Zambia	
Bangladesh		Eritrea		Malawi		Senegal		Zimbabwe	X
Barbados		Estonia		Malaysia		Serbia	X		
Belarus		Ethiopia		Maldives		Seychelles			
Belize		Fiji		Mali		Sierra Leone			
Benin		Gabon		Malta		Slovak Republic			
Bhutan	X	Gambia, The		Marshall Islands	X	Slovenia			
Bolivia		Georgia		Mauritania		Solomon Islands			
Bosnia & Herzegovina		Ghana		Mauritius		Somalia	X		
Botswana		Grenada		Mexico		South Africa			
Brazil		Guatemala		Micronesia	X	Sri Lanka			
Brunei Darussalam	X	Guinea		Moldova		St. Kitts			
Bulgaria		Guinea-Bissau		Mongolia		St. Lucia			
Burkina Faso		Guyana		Montenegro	X	St. Vincent & Grens.			
Burundi		Haiti		Morocco		Sudan			
Cambodia		Honduras		Mozambique		Suriname			
Cameroon		Hungary		Myanmar		Swaziland			
Cape Verde		India		Namibia		Syrian Arab Republic			
Central African Rep.	X	Indonesia		Nepal		Tajikistan			
Chad	X	Iran, I.R. Of		Nicaragua		Tanzania			
Chile		Iraq	X	Niger		Thailand			
China,P.R.: Mainland		Israel		Nigeria		Timor-Leste	X		
Colombia		Jamaica		Oman		Togo			
Comoros	X	Jordan		Pakistan		Tonga			
Congo, Dem. Rep. Of	X	Kazakhstan		Palau	X	Trinidad & Tobago	X		
Congo, Republic Of		Kenya		Panama		Tunisia			
Costa Rica		Kiribati	X	Papua New Guinea		Turkey			

*Source: Balance of Payments Statistics Database, IMF*  
*\* | - data not available for all 5 years*  
*\*\* X - missing data for all years*

<b>Number of countries</b>	160
<b>Number of countries with  </b>	5
<b>Number of countries with X</b>	26
<b>Number of countries with data problems</b>	31

**Table 4: Illicit Financial Flows Through Trade Mispricing: DOTS Compared to the IPPS Method, 2003-2006**  
in millions of US dollars

Regions/Year	IPPS US Export Under Invoice	IPPS US Import Over-Invoice.	Regional Exports to USA	Regional Imports from USA	Regional Exports to World	Regional Imports from World	Exports Factor	Import Factor	IPPS Exp. Under-inv. in World	DOTS Exp Under-inv. in World	Discrep. Export Under-inv.	IPPS Imp. Over-inv. in World	DOTS Over-inv. in World	Discrep. Import Over-inv.	Trade Mispricing IPPS	Trade Mispricing DOTS	Discrep. bet. IPPS and DOTS
	(A)	(B)	(C)	(D)	(E)	(F)	G=(E/C)	H=(F/D)	I=A*G	(J)	K=I-J	L=B*H	(M)	N=L-M	(O)	(P)	Q=O-P
<b>Total 2003</b>	<b>43.4</b>	<b>18.2</b>	<b>486.9</b>	<b>303.3</b>	<b>2,030.00</b>	<b>1,819.00</b>	<b>4.2</b>	<b>6</b>	<b>187.7</b>	<b>163.2</b>	<b>24.5</b>	<b>117.3</b>	<b>159.6</b>	<b>-42.3</b>	<b>304.9</b>	<b>316.6</b>	<b>-11.7</b>
Africa	0.7	0.3	22	8.9	108	97	4.9	11	3.4	2.3	1.1	3.3	2.2	1.1	6.7	4.5	2.2
Asia	25	8.4	191.3	88.7	744	696	3.9	7.8	97.2	142.2	-45	65.9	97.4	-31.5	163.1	239.6	-76.5
Europe	2	0.5	17.8	15.9	468	440	26.4	27.7	52.7	5.4	47.3	13.8	12	1.8	66.6	17.4	49.2
MENA	1.1	1.8	45.8	22.2	335	241	7.3	10.9	8.2	0.3	7.9	19.4	4	15.4	27.6	4.3	23.3
Western Hem.	14.6	7.2	210.1	167.6	375	345	1.8	2.1	26.1	13	13.1	14.8	44	-29.2	40.9	57	-16.1
<b>Total 2004</b>	<b>47.5</b>	<b>17</b>	<b>597.7</b>	<b>350.9</b>	<b>2,622.00</b>	<b>2,374.00</b>	<b>4.4</b>	<b>6.8</b>	<b>216.5</b>	<b>239</b>	<b>-22.5</b>	<b>110.7</b>	<b>226</b>	<b>-115.3</b>	<b>327.2</b>	<b>459.5</b>	<b>-132.3</b>
Africa	1	0.5	31.5	9.5	137	129	4.4	13.6	4.4	6.4	-2	6.8	6.1	0.7	11.1	12.5	-1.4
Asia	26	6.3	235.5	110.5	950	924	4	8.4	104.9	190.8	-85.9	52.7	138.6	-85.9	157.6	329.4	-171.8
Europe	1.9	0.5	24.3	18.5	614	565	25.3	30.5	48	19.7	28.3	15.3	20.1	-4.8	63.3	39.8	23.5
MENA	4.2	1.5	59.6	29.5	457	339	7.7	11.5	32.2	1	31.2	17.2	14.3	2.9	49.4	15.3	34.1
Western Hem.	14.4	8.2	246.8	182.8	464	417	1.9	2.3	27.1	21.1	6	18.7	46.9	-28.2	45.8	68	-22.2
<b>Total 2005</b>	<b>50.9</b>	<b>18.1</b>	<b>722.9</b>	<b>390.5</b>	<b>3,251.00</b>	<b>3,118.00</b>	<b>4.5</b>	<b>8</b>	<b>276.5</b>	<b>240.1</b>	<b>36.4</b>	<b>140.8</b>	<b>238.6</b>	<b>-97.8</b>	<b>417.2</b>	<b>475.1</b>	<b>-57.9</b>
Africa	1.4	0.4	46.2	11.4	175	155	3.8	13.6	5.3	2.9	2.4	5.4	10.8	-5.4	10.7	13.7	-3
Asia	26.8	6.2	287	117.9	1,173.00	1,105.00	4.1	9.4	109.5	204.9	-95.4	58.1	163	-104.9	167.6	367.9	-200.3
Europe	3.5	0.7	25.1	20.2	767	675	30.6	33.4	107	2.4	104.6	23.4	9.8	13.6	130.3	12.2	118.1
MENA	3	1.8	73.2	37.4	579	398	7.9	10.6	23.7	10.8	12.9	19.1	3.9	15.2	42.9	14.7	28.2
Western Hem.	16.2	9	291.4	203.6	557	785	1.9	3.9	31	19.1	11.9	34.7	51.1	-16.4	65.7	70.2	-4.5
<b>Total 2006</b>	<b>59.1</b>	<b>19.4</b>	<b>856.3</b>	<b>443.1</b>	<b>3,995.00</b>	<b>3,434.00</b>	<b>4.7</b>	<b>7.7</b>	<b>306.1</b>	<b>222.8</b>	<b>83.3</b>	<b>148.4</b>	<b>281.2</b>	<b>-132.8</b>	<b>454.5</b>	<b>506</b>	<b>-51.5</b>
Africa	1.1	0.5	54.2	14	207	193	3.8	13.7	4.2	7.8	-3.6	6.9	10.4	-3.5	11.1	18.2	-7.1
Asia	34.7	7.2	349.1	133.1	1,463.00	1,356.00	4.2	10.2	145.4	193.7	-48.3	73.4	200.9	-127.5	218.8	394.6	-175.8
Europe	3.1	0.7	28.4	23.3	932	849	32.8	36.4	101.7	7.4	94.3	25.5	14.3	11.2	127.2	21.7	105.5
MENA	2.3	1.9	88.5	44.5	712	459	8	10.3	18.5	6	12.5	19.6	4.2	15.4	38.1	10.2	27.9
Western Hem.	17.9	9.1	336.2	228.3	681	577	2	2.5	36.3	7.9	28.4	23	51.4	-28.4	59.3	59.3	0

Source: Trade Mispricing (DOTS) estimates are based on partner country trade data, Direction of Trade Statistics, IMF. Trade Mispricing (IPPS) are based on the United States' bilateral trade with developing countries as compiled by International Trade Alert, Miami, Florida based on U.S. Customs database.

TABLE 5

Summary Estimates of Non-Normalized Illicit Financial Flows From Developing Countries and Regions, 2002 - 2006							
	(in millions of US dollars)						
	2002	2003	2004	2005	2006	Average 2002-2006	Compound cumulative growth rate
<b>Hot Money Measure</b>							
Developing Countries	39,880	35,603	31,645	70,173	50,639	45,588	4.9
Africa	3,293	3,347	1,385	2,056	581	2,132	-29.3
Asia	3,918	4,722	5,443	27,621	25,959	13,533	46.0
Europe	12,063	15,861	10,967	19,196	13,504	14,318	2.3
MENA	2,958	2,391	5,627	12,678	6,086	5,948	15.5
Western Hemisphere	17,648	9,282	8,224	8,624	4,509	9,657	-23.9
<b>World Bank Residual (CED)</b>							
Developing Countries	174,290	252,050	255,979	330,727	550,215	312,652	25.8
Africa	18,246	22,484	22,042	5,925	5,133	14,766	-22.4
Asia	31,942	25,889	16,282	80,174	148,234	60,504	35.9
Europe	58,565	91,375	96,894	80,088	172,317	99,848	24.1
MENA	20,700	53,639	72,091	128,505	175,696	90,126	53.4
Western Hemisphere	44,839	58,663	48,670	36,035	48,834	47,408	1.7
<b>World Bank Residual (NDF)</b>							
Developing Countries	130,219	154,713	222,216	385,729	499,245	278,424	30.8
Africa	11,477	11,612	17,147	19,489	8,231	13,591	-6.4
Asia	24,435	9,653	11,350	98,190	133,277	55,381	40.4
Europe	36,856	47,954	71,897	80,166	145,249	76,425	31.6
MENA	18,163	51,618	74,546	133,288	172,179	89,959	56.8
Western Hemisphere	39,288	33,875	47,276	54,597	40,309	43,069	0.5
<b>Trade Mispricing (GER)</b>							
Developing Countries	261,076	316,556	459,458	475,053	505,972	403,623	14.1
Africa	3,639	3,906	12,396	13,115	17,573	10,126	37.0
Asia	187,138	239,663	329,433	368,706	398,071	304,602	16.3
Europe	9,034	12,751	34,137	7,459	18,548	16,386	15.5
MENA	4,435	4,339	15,397	14,619	11,684	10,095	21.4
Western Hemisphere	56,830	55,897	68,095	71,154	60,096	62,414	1.1
<b>Trade Mispricing (NET)</b>							
Developing Countries	183,076	206,631	313,287	348,904	345,769	279,534	13.6
Africa	-8,930	-5,975	5,164	5,799	3,900	4,954	-175.9
Asia	161,745	184,511	276,985	314,891	337,552	255,137	15.9
Europe	-50,596	-60,611	-84,669	-144,555	-171,017	0	0.0
MENA	-47,780	-48,533	-46,378	-36,622	-49,362	0	0.0
Western Hemisphere	21,331	22,120	31,138	28,214	4,317	21,424	-27.3
<b>Total Illicit Financial Flows</b>							
	2002	2003	2004	2005	2006	Average 2002-2006	annual growth rate
<b>Hot Money + GER</b>	300,956	352,159	491,103	545,227	556,612	449,211	13.1
<b>Hot Money + NET</b>	222,957	242,234	344,932	419,078	396,409	325,122	12.2
<b>CED + GER</b>	435,366	568,606	715,437	805,780	1,056,187	716,275	19.4
<b>CED + NET</b>	357,366	458,681	569,266	679,631	895,984	592,186	20.2
<b>NDF + GER</b>	391,296	471,269	681,674	860,783	1,005,217	682,048	20.8
<b>NDF + NET</b>	313,296	361,344	535,503	734,634	845,014	557,958	22.0

Source: Global Financial Integrity (GFI) Staff Estimates.

TABLE 6

Summary Estimates of Normalized Illicit Financial Flows From Developing Countries and Regions, 2002 - 2006							
	(in millions of US dollars)						
	2002	2003	2004	2005	2006	Average 2002-2006	Compound cumulative growth rate
<b>Normalized Hot Money Measure (three correct signs)</b>							
Developing Countries	34,007	32,748	30,807	48,358	29,046	34,993	-3.1
Africa	2,589	2,614	1,323	1,678	361	1,713	-32.5
Asia	3,572	4,669	4,726	10,975	8,288	6,446	18.3
Europe	11,707	15,847	10,967	19,146	10,428	13,619	-2.3
MENA	2,902	1,691	5,582	8,753	5,946	4,975	15.4
Western Hemisphere	13,238	7,927	8,210	7,806	4,022	8,241	-21.2
<b>Normalized Hot Money Measure (three correct signs and IFF/export FOB =or &gt;10 %)</b>							
Developing Countries	3,761	2,692	6,747	7,327	5,458	5,197	7.7
Africa	1,750	748	602	910	105	823	-43.1
Asia	13	14	33	20	8	18	-10.2
Europe	624	0	1,183	1,226	1,308	868	20.3
MENA	0	28	2,902	4,173	3,466	2,114	0.0
Western Hemisphere	1,374	1,902	2,028	998	571	1,374	-16.1
<b>Normalized Hot Money Measure (three correct signs and IFF/export FOB =or &gt;5 %)</b>							
Developing Countries	9,549	7,123	12,101	15,924	13,931	11,725	7.8
Africa	2,337	1,518	1,204	1,579	334	1,394	-32.2
Asia	381	93	200	1,275	1,243	639	26.7
Europe	1,396	1,851	2,232	3,879	3,970	2,665	23.3
MENA	656	767	3,889	4,838	4,543	2,939	47.3
Western Hemisphere	4,780	2,893	4,576	4,353	3,841	4,089	-4.3
<b>World Bank Residual (CED) (three correct signs)</b>							
Developing Countries	166,027	246,702	253,860	322,562	538,453	305,520	26.5
Africa	10,573	17,848	20,469	5,925	5,051	11,973	-13.7
Asia	31,861	25,717	16,255	79,852	143,656	59,468	35.1
Europe	58,565	91,123	96,894	74,277	172,005	98,573	24.0
MENA	20,466	53,639	71,765	126,490	169,041	88,280	52.5
Western Hemisphere	44,562	58,374	48,477	36,018	48,699	47,226	1.8
<b>World Bank Residual (CED) (three correct signs and IFF/export FOB &gt; or =10 %)</b>							
Developing Countries	129,238	212,690	231,209	242,756	387,406	240,660	24.6
Africa	10,319	17,685	20,232	5,802	5,046	11,817	-13.3
Asia	7,686	8,493	6,175	4,388	9,083	7,165	3.4
Europe	57,961	90,969	96,813	73,368	171,712	98,165	24.3
MENA	19,941	52,183	71,582	123,218	162,162	85,817	52.1
Western Hemisphere	33,329	43,359	36,408	35,980	39,403	37,696	3.4
<b>World Bank Residual (CED) (three correct signs and IFF/export FOB &gt; or =5 %)</b>							
Developing Countries	162,924	241,540	241,453	321,225	531,716	299,772	26.7
Africa	10,573	17,848	20,469	5,925	5,051	11,973	-13.7
Asia	30,596	23,892	11,901	79,425	142,563	57,675	36.0
Europe	57,983	91,031	96,894	73,368	171,712	98,198	24.3
MENA	20,466	53,639	71,765	126,490	169,041	88,280	52.5
Western Hemisphere	43,306	55,130	40,424	36,018	43,349	43,645	0.0
<b>World Bank Residual (NDF) (three correct signs)</b>							
Developing Countries	127,664	153,557	220,280	368,911	481,779	270,438	30.4
Africa	9,111	10,866	16,600	19,489	6,057	12,425	-7.8
Asia	24,349	9,540	11,328	89,222	126,798	52,247	39.1
Europe	36,856	47,740	70,837	74,355	141,297	74,217	30.8
MENA	18,124	51,618	74,296	131,273	167,431	88,549	56.0
Western Hemisphere	39,223	33,794	47,219	54,571	40,196	43,001	0.5
<b>World Bank Residual (NDF) (three correct signs and IFF/export FOB &gt; or =10 %)</b>							

TABLE 6

<b>Summary Estimates of Normalized Illicit Financial Flows From Developing Countries and Regions, 2002 - 2006</b>							
	(in millions of US dollars)						
	2002	2003	2004	2005	2006	Average 2002-2006	Compound cumulative growth rate
Developing Countries	98,324	127,418	188,105	275,647	344,101	206,719	28.5
Africa	8,594	10,368	16,007	19,104	5,678	11,950	-8.0
Asia	3,589	3,420	3,977	6,770	8,590	5,269	19.1
Europe	36,229	46,111	69,364	73,458	136,507	72,334	30.4
MENA	16,693	46,179	67,715	126,067	158,416	83,014	56.8
Western Hemisphere	33,220	21,340	31,042	50,248	34,910	34,152	1.0
<b>World Bank Residual (NDF) (three correct signs and IFF/export FOB &gt; or =5 %)</b>							
Developing Countries	125,799	150,758	207,198	365,994	478,097	265,569	30.6
Africa	8,859	10,595	16,369	19,270	5,811	12,181	-8.1
Asia	23,269	7,721	6,821	87,940	126,395	50,429	40.3
Europe	36,323	47,740	70,828	73,458	141,192	73,908	31.2
MENA	18,124	51,618	74,090	130,755	165,296	87,977	55.6
Western Hemisphere	39,223	33,084	39,091	54,571	39,403	41,074	0.1
<b>Trade mispricing GER (three correct signs)</b>							
Developing Countries	260,208	315,403	458,627	466,550	494,757	399,109	13.7
Africa	3,528	3,598	12,396	13,105	17,573	10,040	37.9
Asia	187,138	239,663	329,433	368,706	397,188	304,426	16.2
Europe	9,034	12,751	33,483	7,444	16,327	15,808	12.6
MENA	3,678	3,495	15,219	6,141	3,573	6,421	-0.6
Western Hemisphere	56,830	55,896	68,095	71,154	60,096	62,414	1.1
<b>Trade mispricing GER (three correct signs and IFF/export FOB &gt; or =10 %)</b>							
Developing Countries	243,262	295,577	414,734	432,177	471,179	371,386	14.1
Africa	2,393	2,912	5,455	4,390	5,936	4,217	19.9
Asia	185,218	236,611	324,547	359,586	390,272	299,247	16.1
Europe	2,016	2,802	14,101	4,869	14,447	7,647	48.3
MENA	2,185	2,763	13,976	2,092	2,623	4,728	3.7
Western Hemisphere	51,450	50,490	56,656	61,240	57,900	55,547	2.4
<b>Trade mispricing GER (three correct signs and IFF/export FOB &gt; or =5 %)</b>							
Developing Countries	247,994	301,402	427,536	449,433	484,399	382,153	14.3
Africa	3,354	3,281	11,855	12,648	17,029	9,633	38.4
Asia	185,619	237,421	325,470	360,073	390,272	299,771	16.0
Europe	3,141	4,078	14,550	5,465	14,513	8,350	35.8
MENA	2,463	3,203	14,872	5,720	3,094	5,870	4.7
Western Hemisphere	53,416	53,419	60,788	65,527	59,491	58,528	2.2
<b>Trade mispricing NET (three correct signs)</b>							
Developing Countries	199,424	243,821	350,658	390,837	394,008	315,750	14.6
Africa	-5,353	-2,395	9,837	11,303	14,764	11,968	-240.2
Asia	172,187	206,481	298,925	341,296	361,170	276,012	16.0
Europe	324	242	287	-5,545	-9,484	284	-408.1
MENA	713	1,770	-1,916	878	1,095	1,114	11.3
Western Hemisphere	31,552	37,724	43,524	42,905	26,463	36,434	-3.5
<b>Trade mispricing net (three correct signs and IFF/export FOB &gt; or =10 %)</b>							
Developing Countries	197,722	229,356	320,744	351,413	372,348	294,317	13.5
Africa	604	-474	4,281	3,758	4,489	3,283	65.1
Asia	163,786	195,879	277,636	309,930	337,246	256,896	15.5
Europe	24	-68	66	66	594	188	122.7
MENA	0	0	0	0	0	0	0.0
Western Hemisphere	33,308	34,019	38,761	37,659	30,019	34,753	-2.1
<b>Trade mispricing net (three correct signs and IFF/export FOB &gt; or =5 %)</b>							
Developing Countries	200,538	238,135	346,151	384,572	400,147	313,909	14.8

TABLE 6

Summary Estimates of Normalized Illicit Financial Flows From Developing Countries and Regions, 2002 - 2006							
	(in millions of US dollars)						
	2002	2003	2004	2005	2006	Average 2002-2006	Compound cumulative growth rate
Africa	-5,447	-2,523	9,550	11,115	14,553	11,739	-238.8
Asia	171,810	204,952	295,013	332,716	354,312	271,761	15.6
Europe	34	25	-26	186	494	185	95.2
MENA	87	111	146	166	204	143	18.8
Western Hemisphere	34,055	35,570	41,468	40,389	30,585	36,413	-2.1
Total Illicit Financial Flows	2002	2003	2004	2005	2006	Average 2002-2006	annual growth rate
Hot Money (10%) + GER (10%)	247,023	298,270	421,481	439,504	476,636	376,583	14.0
Hot Money (5%) + GER (5%)	257,543	308,524	439,637	465,356	498,331	393,878	14.1
GER (10%) + CED (10%)	372,500	508,267	645,943	674,933	858,585	612,046	18.2
GER (5%) + CED (5%)	410,917	542,942	668,990	770,658	1,016,115	681,925	19.8
GER (10%)+ NDF (10%)	341,586	422,995	602,839	707,824	815,280	578,105	19.0
GER (5%) + NDF (5%)	373,792	452,159	634,734	815,427	962,496	647,722	20.8
Hot Money (10%) + NET (10%)	201,483	232,048	327,491	358,740	377,806	299,514	13.4
Hot Money (5%) + NET (5%)	210,088	245,257	358,252	400,496	414,079	325,634	14.5
NET (10%) + CED (10%)	326,960	442,046	551,954	594,169	759,755	534,977	18.4
NET (5%) + CED (5%)	363,462	479,675	587,604	705,798	931,863	613,681	20.7
NET (10%) + NDF (10%)	296,046	356,774	508,850	627,060	716,449	501,036	19.3
NET (5%) + NDF (5%)	326,337	388,893	553,349	750,566	878,244	579,478	21.9

Source: Global Financial Integrity (GFI) Staff Estimates.

TABLE 7

Summary Estimates of Non-normalized Illicit Financial Flows From Developing Countries and Regions, 2002 - 2006									
	(in millions of US dollars)								
	2002	2003	2004	2005	2006	Average 2002 - 2006	Average distribution 2002 - 2006	Compound annual growth rate	
<b>Non-normalized illicit flows (GER + CED)</b>									
Developing Countries	435,366	568,606	715,437	805,780	1,056,187	716,275	100.0%	19.4	
Africa	21,885	26,390	34,437	19,040	22,706	24,892	3.5%	0.7	
Asia	219,080	265,552	345,716	448,879	546,305	365,106	51.0%	20.1	
Europe	67,599	104,126	131,031	87,547	190,866	116,234	16.2%	23.1	
MENA	25,134	57,978	87,488	143,124	187,380	100,221	14.0%	49.4	
Western Hemisphere	101,669	114,561	116,766	107,189	108,929	109,823	15.3%	1.4	
Summary Estimates of Normalized Illicit Financial Flows From Developing Countries and Regions, 2002 - 2006									
	(in millions of US dollars)								
	2002	2003	2004	2005	2006	Average 2002 - 2006	Average distribution 2002 - 2006	Compound annual growth rate	
<b>Normalized illicit flows (GER + CED) (three correct signs and IFF/export FOB =or &gt;10 %)</b>									
Developing Countries	372,500	508,267	645,943	674,933	858,585	612,046	100.0%	18.2	
Africa	12,712	20,598	25,687	10,192	10,982	16,034	2.6%	-2.9	
Asia	192,905	245,104	330,722	363,974	399,355	306,412	50.1%	15.7	
Europe	59,978	93,771	110,913	78,237	186,159	105,812	17.3%	25.4	
MENA	22,126	54,946	85,558	125,310	164,785	90,545	14.8%	49.4	
Western Hemisphere	84,779	93,849	93,063	97,220	97,303	93,243	15.2%	2.8	

Source: Global Financial Integrity (GFI) Staff Estimates.

**Table 8: Non-normalized Hot Money Estimates of Illicit Financial Flows, 2002-06**

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Afghanistan, I.R. Of	0	0	0	0	0	0	0
Albania	108	147	115	204	237	0	0
Algeria	0	0	0	0	0	0	0
Angola	150	-388	277	-378	290	-766	-383
Antigua & Barbuda	0	0	0	0	0	0	0
Argentina	-1847	-1350	580	283	1673	-3197	-1598
Armenia	-4	-2	-1	3	-4	-11	-3
Aruba	13	24	4	8	2	0	0
Azerbaijan, Rep. Of	-87	-112	-50	-126	-256	-630	-126
Bahamas, The	103	85	180	97	348	0	0
Bahrain, Kingdom Of	1218	-700	83	37	8	-700	-700
Bangladesh	-349	81	-25	-644	-604	-1622	-405
Barbados	25	34	45	18	0	0	0
Belarus	-294	-3	274	112	-250	-547	-182
Belize	-9	-33	-2	1	4	-43	-14
Benin	2	182	-10	9	0	-10	-10
Bhutan	0	0	0	0	0	0	0
Bolivia	-640	-174	-625	-374	-71	-1885	-377
Bosnia & Herzegovina	98	323	428	470	559	0	0
Botswana	106	66	-122	-319	-142	-583	-194
Brazil	-154	-933	-2145	-1096	968	-4327	-1082
Brunei Darussalam	0	0	0	0	0	0	0
Bulgaria	-716	-889	371	-772	254	-2377	-792
Burkina Faso	0	0	0	0	0	0	0
Burundi	2	-14	-21	-80	5	-115	-38
Cambodia	2	-40	-46	5	-46	-132	-44
Cameroon	-130	467	201	0	0	-130	-130
Cape Verde	-8	-12	10	63	-41	-61	-20
Central African Rep.	0	0	0	0	0	0	0
Chad	0	0	0	0	0	0	0
Chile	-952	-724	-270	-1268	1537	-3215	-804
China,P.R.: Mainland	7504	17985	26834	-16441	-13048	-29488	-14744
Colombia	192	134	241	379	279	0	0
Comoros	0	0	0	0	0	0	0
Congo, Dem. Rep. Of	0	0	0	0	0	0	0
Congo, Republic Of	-220	-116	-93	326	0	-429	-143
Costa Rica	-51	35	64	156	293	-51	-51
Côte D'Ivoire	-26	-888	27	-58	52	-972	-324
Croatia	-624	133	-1183	-1226	-1308	-4341	-1085
Cyprus	-77	21	152	165	-182	-259	-130
Czech Republic	266	611	-422	-757	-775	-1954	-651
Djibouti	9	1	-16	-45	-58	-119	-40
Dominica	16	1	11	11	0	0	0
Dominican Republic	-139	-1568	-987	-379	-500	-3573	-715

**Table 8: Non-normalized Hot Money Estimates of Illicit Financial Flows, 2002-06**

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Ecuador	-157	163	681	477	424	-157	-157
Egypt	1906	1575	-45	-2427	634	-2472	-1236
El Salvador	-615	-143	352	-52	-187	-998	-249
Equatorial Guinea	0	0	0	0	0	0	0
Eritrea	0	0	0	0	0	0	0
Estonia	59	-39	14	-11	-78	-128	-43
Ethiopia	-915	-390	-354	486	1161	-1659	-553
Fiji	-90	10	308	305	370	-90	-90
Gabon	-125	-260	-357	0	0	-742	-247
Gambia, The	0	3	-9	-54	-6	-69	-23
Georgia	7	-14	1	19	58	-14	-14
Ghana	57	-47	115	26	174	-47	-47
Grenada	24	-6	8	-14	0	-20	-10
Guatemala	-65	-61	-25	87	-88	-239	-60
Guinea	143	-157	69	0	0	-157	-157
Guinea-Bissau	-3	6	-4	0	0	-7	-4
Guyana	-1	-20	-43	-68	-119	-252	-50
Haiti	41	121	48	-59	-42	-100	-50
Honduras	61	-55	42	-53	-93	-201	-67
Hungary	145	226	-1773	-2315	-3366	-7454	-2485
India	-190	471	637	769	-4623	-4813	-2407
Indonesia	-1763	-3510	-3094	-136	2460	-8503	-2126
Iran, I.R. Of	0	0	0	0	0	0	0
Iraq	0	0	0	0	0	0	0
Israel	2717	344	724	3730	-140	-140	-140
Jamaica	-61	28	-14	46	20	-75	-38
Jordan	-56	149	192	842	294	-56	-56
Kazakhstan	320	-932	-1016	-1804	-2397	-6149	-1537
Kenya	193	-277	-62	-237	265	-575	-192
Kiribati	0	0	0	0	0	0	0
Kuwait	-1869	-579	-1136	-3341	-293	-7217	-1443
Kyrgyz Republic	10	123	97	303	381	0	0
Lao People's Dem.Rep	0	0	0	0	0	0	0
Latvia	-71	-13	8	-296	120	-380	-127
Lebanon	4719	-28	-2902	-4173	-3466	-10569	-2642
Lesotho	-98	-57	-17	81	142	-172	-57
Liberia	0	0	0	0	0	0	0
Libya	362	1890	1733	-1497	2008	-1497	-1497
Lithuania	79	181	192	-49	-226	-275	-138
Macedonia, Fyr	-30	-26	8	-13	10	-69	-23
Madagascar	29	67	-35	91	0	-35	-35
Malawi	157	0	0	0	0	0	0
Malaysia	-391	-4	1880	-6555	-6731	-13680	-3420
Maldives	11	12	19	-8	133	-8	-8

**Table 8: Non-normalized Hot Money Estimates of Illicit Financial Flows, 2002-06**

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Mali	-6	45	-26	-29	0	-62	-21
Malta	-56	24	79	-55	-118	-228	-76
Marshall Islands	0	0	0	0	0	0	0
Mauritania	0	0	0	0	0	0	0
Mauritius	9	40	78	19	413	0	0
Mexico	-7287	-3262	-1193	-1036	3287	-12778	-3195
Micronesia	0	0	0	0	0	0	0
Moldova	-24	47	101	178	105	-24	-24
Mongolia	14	-6	1	-75	-8	-89	-30
Montenegro	0	0	0	0	0	0	0
Morocco	-182	-297	-282	-414	-498	-1672	-334
Mozambique	-60	208	216	281	144	-60	-60
Myanmar	-19	-79	-143	-610	-632	-1483	-297
Namibia	16	-89	115	164	134	-89	-89
Nepal	-67	310	416	139	109	-67	-67
Nicaragua	-332	-119	-416	-37	127	-903	-226
Niger	-9	-15	116	121	0	-23	-12
Nigeria	782	5614	4676	9758	0	0	0
Oman	-656	-739	-987	-666	-1077	-4124	-825
Pakistan	974	-52	685	-198	742	-251	-125
Palau	0	0	0	0	0	0	0
Panama	45	133	119	-554	56	-554	-554
Papua New Guinea	91	40	26	47	0	0	0
Paraguay	-263	-41	95	-208	212	-511	-170
Peru	249	801	236	362	-445	-445	-445
Philippines	33	-902	-282	-1803	473	-2987	-996
Poland	-1516	-2835	1782	-3369	-643	-8363	-2091
Qatar	0	0	0	0	0	0	0
Romania	-856	-289	1167	612	-908	-2053	-684
Russia	-6502	-9713	-6436	-8326	6027	-30976	-7744
Rwanda	-8	23	-9	26	87	-17	-8
Samoa	0	0	-12	-7	-3	-22	-7
São Tomé & Príncipe	1	2	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
Senegal	31	11	16	0	0	0	0
Serbia	0	0	0	0	0	0	0
Seychelles	-10	-5	1	2	2	-15	-7
Sierra Leone	-16	-50	-54	-59	119	-179	-45
Slovak Republic	298	27	0	0	0	0	0
Slovenia	-255	150	17	181	-270	-525	-262
Solomon Islands	55	35	-6	54	74	-6	-6
Somalia	0	0	0	0	0	0	0
South Africa	-484	3466	5623	3084	5537	-484	-484
Sri Lanka	136	-114	-189	-73	-261	-636	-159

**Table 8: Non-normalized Hot Money Estimates of Illicit Financial Flows, 2002-06**

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
St. Kitts	2	5	14	6	0	0	0
St. Lucia	-2	10	9	-17	0	-19	-10
St. Vincent & Grens.	9	16	27	6	0	0	0
Sudan	479	-14	212	727	-220	-234	-117
Suriname	144	194	218	169	145	0	0
Swaziland	62	-92	97	-12	-28	-132	-44
Syrian Arab Republic	-160	383	-256	-137	-588	-1142	-285
Tajikistan	-56	-30	-33	-76	-265	-459	-92
Tanzania	-811	-281	-148	-672	874	-1912	-478
Thailand	1386	132	-710	717	1564	-710	-710
Timor-Leste	0	0	0	0	0	0	0
Togo	5	-10	14	9	0	-10	-10
Tonga	0	-2	-6	-6	-4	-18	-4
Trinidad & Tobago	0	0	0	0	0	0	0
Tunisia	-35	-47	-18	-23	-24	-149	-30
Turkey	113	4931	2109	2092	-2399	-2399	-2399
Turkmenistan	0	0	0	0	0	0	0
Uganda	9	-8	-4	2	41	-12	-6
Ukraine	-895	-965	-54	156	-62	-1976	-494
United Arab Emirates	0	0	0	0	0	0	0
Uruguay	-2292	1009	378	-173	36	-2465	-1233
Uzbekistan	0	0	0	0	0	0	0
Vanuatu	-13	-12	-15	-7	5	-48	-12
Venezuela, Rep. Bol.	-2781	-795	-2503	-3235	-2964	-12279	-2456
Vietnam	-1038	798	-915	-1059	0	-3011	-1004
Yemen, Republic Of	43	156	53	213	180	0	0
Zambia	-363	-178	-44	-112	-87	-785	-157
Zimbabwe	0	0	0	0	0	0	0

Source: IMF Balance Payment, International Finance Statistics, Direction of Trade Statistics, World Economic Outlook databases, as well as World Bank Global Development Finance database.

**Table 9: Normalized Hot Money Estimates of Illicit Financial Flows, 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Afghanistan, I.R. Of	0	0	0	0	0	0	0
Albania	0	0	0	0	0	0	0
Algeria	0	0	0	0	0	0	0
Angola	0	0	0	0	0	0	0
Antigua & Barbuda	0	0	0	0	0	0	0
Argentina	0	0	0	0	0	0	0
Armenia	0	0	0	0	0	0	0
Aruba	0	0	0	0	0	0	0
Azerbaijan, Rep. Of	0	0	0	0	0	0	0
Bahamas, The	0	0	0	0	0	0	0
Bahrain, Kingdom Of	0	0	0	0	0	0	0
Bangladesh	0	0	0	0	0	0	0
Barbados	0	0	0	0	0	0	0
Belarus	0	0	0	0	0	0	0
Belize	0	0	0	0	0	0	0
Benin	0	0	0	0	0	0	0
Bhutan	0	0	0	0	0	0	0
Bolivia	-640	-174	-625	-374	-71	-1885	-377
Bosnia & Herzegovina	0	0	0	0	0	0	0
Botswana	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0
Brunei Darussalam	0	0	0	0	0	0	0
Bulgaria	0	0	0	0	0	0	0
Burkina Faso	0	0	0	0	0	0	0
Burundi	2	-14	-21	-80	5	-115	-38
Cambodia	0	0	0	0	0	0	0
Cameroon	0	0	0	0	0	0	0
Cape Verde	-8	-12	10	63	-41	-61	-20
Central African Rep.	0	0	0	0	0	0	0
Chad	0	0	0	0	0	0	0
Chile	0	0	0	0	0	0	0
China,P.R.: Mainland	0	0	0	0	0	0	0
Colombia	0	0	0	0	0	0	0
Comoros	0	0	0	0	0	0	0
Congo, Dem. Rep. Of	0	0	0	0	0	0	0
Congo, Republic Of	0	0	0	0	0	0	0
Costa Rica	0	0	0	0	0	0	0
Côte D'Ivoire	0	0	0	0	0	0	0
Croatia	-624	133	-1183	-1226	-1308	-4341	-1085
Cyprus	0	0	0	0	0	0	0
Czech Republic	0	0	0	0	0	0	0
Djibouti	9	1	-16	-45	-58	-119	-40
Dominica	0	0	0	0	0	0	0
Dominican Republic	-139	-1568	-987	-379	-500	-3573	-715

**Table 9: Normalized Hot Money Estimates of Illicit Financial Flows, 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Ecuador	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
El Salvador	0	0	0	0	0	0	0
Equatorial Guinea	0	0	0	0	0	0	0
Eritrea	0	0	0	0	0	0	0
Estonia	0	0	0	0	0	0	0
Ethiopia	-915	-390	-354	486	1161	-1659	-553
Fiji	0	0	0	0	0	0	0
Gabon	0	0	0	0	0	0	0
Gambia, The	0	3	-9	-54	-6	-69	-23
Georgia	0	0	0	0	0	0	0
Ghana	0	0	0	0	0	0	0
Grenada	0	0	0	0	0	0	0
Guatemala	0	0	0	0	0	0	0
Guinea	0	0	0	0	0	0	0
Guinea-Bissau	0	0	0	0	0	0	0
Guyana	0	0	0	0	0	0	0
Haiti	0	0	0	0	0	0	0
Honduras	0	0	0	0	0	0	0
Hungary	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0
Indonesia	0	0	0	0	0	0	0
Iran, I.R. Of	0	0	0	0	0	0	0
Iraq	0	0	0	0	0	0	0
Israel	0	0	0	0	0	0	0
Jamaica	0	0	0	0	0	0	0
Jordan	0	0	0	0	0	0	0
Kazakhstan	0	0	0	0	0	0	0
Kenya	0	0	0	0	0	0	0
Kiribati	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Kyrgyz Republic	0	0	0	0	0	0	0
Lao People's Dem.Rep	0	0	0	0	0	0	0
Latvia	0	0	0	0	0	0	0
Lebanon	4719	-28	-2902	-4173	-3466	-10569	-2642
Lesotho	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Lithuania	0	0	0	0	0	0	0
Macedonia, Fyr	0	0	0	0	0	0	0
Madagascar	0	0	0	0	0	0	0
Malawi	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0
Maldives	0	0	0	0	0	0	0

**Table 9: Normalized Hot Money Estimates of Illicit Financial Flows, 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Mali	0	0	0	0	0	0	0
Malta	0	0	0	0	0	0	0
Marshall Islands	0	0	0	0	0	0	0
Mauritania	0	0	0	0	0	0	0
Mauritius	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0
Micronesia	0	0	0	0	0	0	0
Moldova	0	0	0	0	0	0	0
Mongolia	0	0	0	0	0	0	0
Montenegro	0	0	0	0	0	0	0
Morocco	0	0	0	0	0	0	0
Mozambique	0	0	0	0	0	0	0
Myanmar	0	0	0	0	0	0	0
Namibia	0	0	0	0	0	0	0
Nepal	0	0	0	0	0	0	0
Nicaragua	-332	-119	-416	-37	127	-903	-226
Niger	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
Pakistan	0	0	0	0	0	0	0
Palau	0	0	0	0	0	0	0
Panama	0	0	0	0	0	0	0
Papua New Guinea	0	0	0	0	0	0	0
Paraguay	-263	-41	95	-208	212	-511	-170
Peru	0	0	0	0	0	0	0
Philippines	0	0	0	0	0	0	0
Poland	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Russia	0	0	0	0	0	0	0
Rwanda	0	0	0	0	0	0	0
Samoa	0	0	-12	-7	-3	-22	-7
São Tomé & Príncipe	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
Senegal	0	0	0	0	0	0	0
Serbia	0	0	0	0	0	0	0
Seychelles	0	0	0	0	0	0	0
Sierra Leone	-16	-50	-54	-59	119	-179	-45
Slovak Republic	0	0	0	0	0	0	0
Slovenia	0	0	0	0	0	0	0
Solomon Islands	0	0	0	0	0	0	0
Somalia	0	0	0	0	0	0	0
South Africa	0	0	0	0	0	0	0
Sri Lanka	0	0	0	0	0	0	0

**Table 9: Normalized Hot Money Estimates of Illicit Financial Flows, 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
St. Kitts	0	0	0	0	0	0	0
St. Lucia	0	0	0	0	0	0	0
St. Vincent & Grens.	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0
Suriname	0	0	0	0	0	0	0
Swaziland	0	0	0	0	0	0	0
Syrian Arab Republic	0	0	0	0	0	0	0
Tajikistan	0	0	0	0	0	0	0
Tanzania	-811	-281	-148	-672	874	-1912	-478
Thailand	0	0	0	0	0	0	0
Timor-Leste	0	0	0	0	0	0	0
Togo	0	0	0	0	0	0	0
Tonga	0	-2	-6	-6	-4	-18	-4
Trinidad & Tobago	0	0	0	0	0	0	0
Tunisia	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0
Turkmenistan	0	0	0	0	0	0	0
Uganda	0	0	0	0	0	0	0
Ukraine	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Uruguay	0	0	0	0	0	0	0
Uzbekistan	0	0	0	0	0	0	0
Vanuatu	-13	-12	-15	-7	5	-48	-12
Venezuela, Rep. Bol.	0	0	0	0	0	0	0
Vietnam	0	0	0	0	0	0	0
Yemen, Republic Of	0	0	0	0	0	0	0
Zambia	0	0	0	0	0	0	0
Zimbabwe	0	0	0	0	0	0	0

\*Normalization is a two stage process. At the first stage, only countries with at least three years of capital flight out of five years pass through filtration to the second stage. During second stage, only those countries where capital flight exceeds 10 percent of their exports (f.o.b) are selected and included in the table.

Source: IMF Balance Payment, International Finance Statistics, Direction of Trade Statistics, World Economic Outlook databases, as well as World Bank Global Development Finance database.

**Table 10: Non-normalized Estimates of World Bank Residual Model (CED), 2002-06**

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Afghanistan, I.R. Of	0	0	0	0	0	0	0
Albania	-279	38	-256	-169	-124	38	38
Algeria	0	0	0	0	0	0	0
Angola	2156	2456	1964	4232	2841	13650	2730
Antigua & Barbuda	0	0	0	0	0	0	0
Argentina	12155	20619	3522	-31896	-3359	36297	12099
Armenia	212	268	303	7	179	969	194
Aruba	-39	33	154	-57	485	671	224
Azerbaijan, Rep. Of	505	496	-273	361	1197	2559	640
Bahamas, The	-331	-393	-217	-99	-772	0	0
Bahrain, Kingdom Of	-57	-68	143	1093	3300	4537	1512
Bangladesh	2173	1238	872	-247	2474	6757	1689
Barbados	-127	-179	-196	-356	0	0	0
Belarus	581	92	-489	909	294	1876	469
Belize	7	43	-116	32	55	136	34
Benin	120	-301	-8	-346	0	120	120
Bhutan	0	0	0	0	0	0	0
Bolivia	938	911	663	637	-1334	3149	787
Bosnia & Herzegovina	-332	-126	-579	-1736	-745	0	0
Botswana	545	528	724	531	656	2984	597
Brazil	8056	9490	2878	-9988	-19521	20425	6808
Brunei Darussalam	1725	2370	2908	4222	5272	16497	3299
Bulgaria	953	1991	1650	302	4975	9871	1974
Burkina Faso	0	0	0	0	0	0	0
Burundi	87	81	27	-111	-62	195	65
Cambodia	146	86	123	12	8	376	75
Cameroon	275	989	-983	0	0	1264	632
Cape Verde	-5	22	-64	-51	82	104	52
Central African Rep.	0	0	0	0	0	0	0
Chad	0	0	0	0	0	0	0
Chile	4030	3881	8858	6106	11929	34804	6961
China,P.R.: Mainland	8307	-1162	-45113	55208	104581	168096	56032
Colombia	-3193	3791	409	1718	4319	10237	2559
Comoros	0	0	0	0	0	0	0
Congo, Dem. Rep. Of	0	0	0	0	0	0	0
Congo, Republic Of	1045	1219	1822	203	0	4289	1072
Costa Rica	-211	-83	174	14	-103	188	94
Côte D'Ivoire	0	0	0	0	0	0	0
Croatia	1960	7439	5969	-4514	5228	20597	5149
Cyprus	-213	214	-791	-1059	-1453	214	214
Czech Republic	-2598	-4415	-2072	5811	-84	5811	5811
Djibouti	88	86	79	45	109	408	82
Dominica	-26	34	-10	-91	-55	34	34
Dominican Republic	1762	2397	2074	-10	1032	7264	1816

**Table 10: Non-normalized Estimates of World Bank Residual Model (CED), 2002-06**

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Ecuador	1550	711	371	38	1420	4090	818
Egypt	1700	4328	6063	-14	8165	20256	5064
El Salvador	881	1555	34	-56	177	2647	662
Equatorial Guinea	0	0	0	0	0	0	0
Eritrea	0	0	0	0	0	0	0
Estonia	-682	-522	-1354	-1813	-2883	0	0
Ethiopia	1134	686	-751	-1356	-5365	1821	910
Fiji	81	-15	-247	-86	-370	81	81
Gabon	408	1165	1415	0	0	2989	996
Gambia, The	0	72	32	-5	53	157	52
Georgia	22	62	81	-432	-469	165	55
Ghana	490	368	-1125	-1620	-4332	859	429
Grenada	24	-33	19	-110	-27	44	22
Guatemala	-1002	-809	-1216	-1642	-1369	0	0
Guinea	53	81	-69	0	0	134	67
Guinea-Bissau	14	11	10	0	0	35	12
Guyana	30	37	-69	-191	-157	68	34
Haiti	-59	62	-143	-1	135	196	98
Honduras	212	156	-69	-911	-1252	368	184
Hungary	4483	6009	8882	-4405	34466	53840	13460
India	-1311	-6613	-7753	-19456	4578	4578	4578
Indonesia	2970	7090	3485	-2487	6390	19936	4984
Iran, I.R. Of	0	0	0	0	0	0	0
Iraq	0	0	0	-7247	-4603	0	0
Israel	525	1456	184	3272	6880	12315	2463
Jamaica	-288	433	178	-643	820	1432	477
Jordan	319	744	534	-1142	710	2307	577
Kazakhstan	3698	5193	11820	13569	24392	58672	11734
Kenya	508	540	-77	-1012	-962	1048	524
Kiribati	0	0	0	0	0	0	0
Kuwait	5315	16141	15031	28780	39932	105199	21040
Kyrgyz Republic	65	112	82	-157	84	342	86
Lao People's Dem.Rep	0	0	0	0	0	0	0
Latvia	1139	1259	2274	-134	3281	7952	1988
Lebanon	887	-5507	2048	-346	2923	5858	1953
Lesotho	125	93	96	-154	-40	314	105
Liberia	0	0	60	-241	-5	60	60
Libya	-170	-1644	-1353	2015	4313	6329	3164
Lithuania	429	-358	1918	261	3221	5828	1457
Macedonia, Fyr	50	99	-89	-212	370	519	173
Madagascar	-90	100	-1892	-802	0	100	100
Malawi	2	0	0	0	0	2	2
Malaysia	8015	4589	-809	17179	19190	48973	12243
Maldives	-36	-31	-83	-230	-240	0	0

**Table 10: Non-normalized Estimates of World Bank Residual Model (CED), 2002-06**

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Mali	-148	-69	57	-630	-1752	57	57
Malta	-583	132	260	-36	1236	1628	543
Marshall Islands	0	0	0	0	0	0	0
Mauritania	0	0	0	0	0	0	0
Mauritius	14	682	-357	-281	-523	695	348
Mexico	1256	3245	8053	-935	5350	17903	4476
Micronesia	0	0	0	0	0	0	0
Moldova	201	66	-42	-50	78	345	115
Mongolia	66	566	168	29	294	1122	224
Montenegro	0	0	0	0	0	0	0
Morocco	520	2536	-1350	-477	3271	6326	2109
Mozambique	-459	-1780	397	-755	-2021	397	397
Myanmar	1116	929	152	81	841	3118	624
Namibia	262	531	706	700	1244	3441	688
Nepal	532	149	116	-176	26	823	206
Nicaragua	-535	-89	-2324	-501	-1330	0	0
Niger	33	109	-274	-305	-1519	142	71
Nigeria	5135	9834	12366	-847	0	27335	9112
Oman	178	199	-158	2356	3674	6406	1602
Pakistan	2055	3240	1780	-3999	-1395	7075	2358
Palau	0	0	0	0	0	0	0
Panama	-79	943	1103	-263	2055	4102	1367
Papua New Guinea	-207	171	-240	322	0	493	247
Paraguay	378	76	375	-428	209	1038	260
Peru	370	1569	768	-166	2526	5233	1308
Philippines	3104	3515	1884	2650	3318	14472	2894
Poland	9213	15552	4923	-3350	25358	55047	13762
Qatar	0	0	0	0	0	0	0
Romania	1844	5302	3517	729	7787	19178	3836
Russia	16727	35602	37038	55340	15418	160126	32025
Rwanda	102	22	-4	-278	-1284	124	62
Samoa	0	0	174	56	176	407	136
São Tomé & Príncipe	0	0	0	0	0	0	0
Saudi Arabia	8523	25853	47094	90989	98832	271291	54258
Senegal	78	-122	-1049	-687	-2559	78	78
Serbia	0	0	0	0	0	0	0
Seychelles	-18	83	11	91	143	328	82
Sierra Leone	53	114	41	-117	-298	208	69
Slovak Republic	422	3808	2089	-2556	5657	11976	2994
Slovenia	-65	-700	-315	-975	312	312	312
Solomon Islands	-48	-25	27	-66	-57	27	27
Somalia	0	0	0	0	0	0	0
South Africa	4138	1007	-14242	-5890	-22468	5145	2572
Sri Lanka	513	205	357	-770	-947	1075	358

**Table 10: Non-normalized Estimates of World Bank Residual Model (CED), 2002-06**

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
St. Kitts	0	0	0	0	0	0	0
St. Lucia	-26	-16	-15	3	-134	3	3
St. Vincent & Grens.	10	-2	-33	-32	-4	10	10
Sudan	229	1080	911	-2190	-365	2220	740
Suriname	-186	-242	-251	-135	-147	0	0
Swaziland	254	162	236	123	4	780	156
Syrian Arab Republic	-269	-507	326	-11691	2215	2541	1270
Tajikistan	104	-3	10	51	430	595	149
Tanzania	576	-168	526	-133	-4257	1101	551
Thailand	-4181	1671	2328	-5176	1085	5084	1695
Timor-Leste	0	0	0	0	0	0	0
Togo	69	30	-126	-373	-302	99	49
Tonga	-10181	-13114	-29145	-3012	-4240	0	0
Trinidad & Tobago	0	0	0	0	0	0	0
Tunisia	2500	2382	669	-2887	1356	6906	1727
Turkey	11945	3107	3488	-22797	19645	38185	9546
Turkmenistan	0	0	0	0	0	0	0
Uganda	172	334	27	-452	-3496	533	178
Ukraine	4011	4534	12589	2750	18710	42595	8519
United Arab Emirates	0	0	0	0	0	0	0
Uruguay	3835	167	3220	-374	-3703	7222	2407
Uzbekistan	0	0	0	0	0	0	0
Vanuatu	20	1	5	-69	-16	26	9
Venezuela, Rep. Bol.	9344	8510	15817	27487	18322	79481	15896
Vietnam	1119	68	1902	415	-1149	3504	876
Yemen, Republic Of	234	-116	-51	-517	126	360	180
Zambia	81	-107	535	-2406	-2570	616	308
Zimbabwe	0	0	0	0	0	0	0

\*Source: IMF Balance Payment, International Finance Statistics, Direction of Trade Statistics, World Economic Outlook databases, as well as World Bank Global Development Finance database.

**Table 11: Normalized Estimates of World Bank Residual Model (CED), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Afghanistan, I.R. Of	0	0	0	0	0	0	0
Albania	0	0	0	0	0	0	0
Algeria	0	0	0	0	0	0	0
Angola	2156	2456	1964	4232	2841	13650	2730
Antigua & Barbuda	0	0	0	0	0	0	0
Argentina	12155	20619	3522	-31896	-3359	36297	12099
Armenia	212	268	303	7	179	969	194
Aruba	-39	33	154	-57	485	671	224
Azerbaijan, Rep. Of	505	496	-273	361	1197	2559	640
Bahamas, The	0	0	0	0	0	0	0
Bahrain, Kingdom Of	-57	-68	143	1093	3300	4537	1512
Bangladesh	2173	1238	872	-247	2474	6757	1689
Barbados	0	0	0	0	0	0	0
Belarus	0	0	0	0	0	0	0
Belize	7	43	-116	32	55	136	34
Benin	0	0	0	0	0	0	0
Bhutan	0	0	0	0	0	0	0
Bolivia	938	911	663	637	-1334	3149	787
Bosnia & Herzegovina	0	0	0	0	0	0	0
Botswana	545	528	724	531	656	2984	597
Brazil	0	0	0	0	0	0	0
Brunei Darussalam	1725	2370	2908	4222	5272	16497	3299
Bulgaria	953	1991	1650	302	4975	9871	1974
Burkina Faso	0	0	0	0	0	0	0
Burundi	87	81	27	-111	-62	195	65
Cambodia	0	0	0	0	0	0	0
Cameroon	0	0	0	0	0	0	0
Cape Verde	0	0	0	0	0	0	0
Central African Rep.	0	0	0	0	0	0	0
Chad	0	0	0	0	0	0	0
Chile	4030	3881	8858	6106	11929	34804	6961
China,P.R.: Mainland	0	0	0	0	0	0	0
Colombia	-3193	3791	409	1718	4319	10237	2559
Comoros	0	0	0	0	0	0	0
Congo, Dem. Rep. Of	0	0	0	0	0	0	0
Congo, Republic Of	1045	1219	1822	203	0	4289	1072
Costa Rica	0	0	0	0	0	0	0
Côte D'Ivoire	0	0	0	0	0	0	0
Croatia	1960	7439	5969	-4514	5228	20597	5149
Cyprus	0	0	0	0	0	0	0
Czech Republic	0	0	0	0	0	0	0
Djibouti	88	86	79	45	109	408	82
Dominica	0	0	0	0	0	0	0
Dominican Republic	1762	2397	2074	-10	1032	7264	1816

**Table 11: Normalized Estimates of World Bank Residual Model (CED), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Ecuador	0	0	0	0	0	0	0
Egypt	1700	4328	6063	-14	8165	20256	5064
El Salvador	881	1555	34	-56	177	2647	662
Equatorial Guinea	0	0	0	0	0	0	0
Eritrea	0	0	0	0	0	0	0
Estonia	0	0	0	0	0	0	0
Ethiopia	0	0	0	0	0	0	0
Fiji	0	0	0	0	0	0	0
Gabon	408	1165	1415	0	0	2989	996
Gambia, The	0	72	32	-5	53	157	52
Georgia	0	0	0	0	0	0	0
Ghana	0	0	0	0	0	0	0
Grenada	0	0	0	0	0	0	0
Guatemala	0	0	0	0	0	0	0
Guinea	0	0	0	0	0	0	0
Guinea-Bissau	14	11	10	0	0	35	12
Guyana	0	0	0	0	0	0	0
Haiti	0	0	0	0	0	0	0
Honduras	0	0	0	0	0	0	0
Hungary	4483	6009	8882	-4405	34466	53840	13460
India	0	0	0	0	0	0	0
Indonesia	0	0	0	0	0	0	0
Iran, I.R. Of	0	0	0	0	0	0	0
Iraq	0	0	0	0	0	0	0
Israel	0	0	0	0	0	0	0
Jamaica	-288	433	178	-643	820	1432	477
Jordan	319	744	534	-1142	710	2307	577
Kazakhstan	3698	5193	11820	13569	24392	58672	11734
Kenya	0	0	0	0	0	0	0
Kiribati	0	0	0	0	0	0	0
Kuwait	5315	16141	15031	28780	39932	105199	21040
Kyrgyz Republic	65	112	82	-157	84	342	86
Lao People's Dem.Rep	0	0	0	0	0	0	0
Latvia	1139	1259	2274	-134	3281	7952	1988
Lebanon	887	-5507	2048	-346	2923	5858	1953
Lesotho	125	93	96	-154	-40	314	105
Liberia	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Lithuania	429	-358	1918	261	3221	5828	1457
Macedonia, Fyr	50	99	-89	-212	370	519	173
Madagascar	0	0	0	0	0	0	0
Malawi	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0
Maldives	0	0	0	0	0	0	0

**Table 11: Normalized Estimates of World Bank Residual Model (CED), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Mali	0	0	0	0	0	0	0
Malta	-583	132	260	-36	1236	1628	543
Marshall Islands	0	0	0	0	0	0	0
Mauritania	0	0	0	0	0	0	0
Mauritius	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0
Micronesia	0	0	0	0	0	0	0
Moldova	201	66	-42	-50	78	345	115
Mongolia	66	566	168	29	294	1122	224
Montenegro	0	0	0	0	0	0	0
Morocco	520	2536	-1350	-477	3271	6326	2109
Mozambique	0	0	0	0	0	0	0
Myanmar	1116	929	152	81	841	3118	624
Namibia	262	531	706	700	1244	3441	688
Nepal	532	149	116	-176	26	823	206
Nicaragua	0	0	0	0	0	0	0
Niger	0	0	0	0	0	0	0
Nigeria	5135	9834	12366	-847	0	27335	9112
Oman	178	199	-158	2356	3674	6406	1602
Pakistan	2055	3240	1780	-3999	-1395	7075	2358
Palau	0	0	0	0	0	0	0
Panama	-79	943	1103	-263	2055	4102	1367
Papua New Guinea	0	0	0	0	0	0	0
Paraguay	378	76	375	-428	209	1038	260
Peru	0	0	0	0	0	0	0
Philippines	0	0	0	0	0	0	0
Poland	9213	15552	4923	-3350	25358	55047	13762
Qatar	0	0	0	0	0	0	0
Romania	1844	5302	3517	729	7787	19178	3836
Russia	16727	35602	37038	55340	15418	160126	32025
Rwanda	0	0	0	0	0	0	0
Samoa	0	0	174	56	176	407	136
São Tomé & Príncipe	0	0	0	0	0	0	0
Saudi Arabia	8523	25853	47094	90989	98832	271291	54258
Senegal	0	0	0	0	0	0	0
Serbia	0	0	0	0	0	0	0
Seychelles	-18	83	11	91	143	328	82
Sierra Leone	53	114	41	-117	-298	208	69
Slovak Republic	422	3808	2089	-2556	5657	11976	2994
Slovenia	0	0	0	0	0	0	0
Solomon Islands	0	0	0	0	0	0	0
Somalia	0	0	0	0	0	0	0
South Africa	0	0	0	0	0	0	0
Sri Lanka	0	0	0	0	0	0	0

**Table 11: Normalized Estimates of World Bank Residual Model (CED), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
St. Kitts	0	0	0	0	0	0	0
St. Lucia	0	0	0	0	0	0	0
St. Vincent & Grens.	0	0	0	0	0	0	0
Sudan	229	1080	911	-2190	-365	2220	740
Suriname	0	0	0	0	0	0	0
Swaziland	0	0	0	0	0	0	0
Syrian Arab Republic	0	0	0	0	0	0	0
Tajikistan	104	-3	10	51	430	595	149
Tanzania	0	0	0	0	0	0	0
Thailand	0	0	0	0	0	0	0
Timor-Leste	0	0	0	0	0	0	0
Togo	0	0	0	0	0	0	0
Tonga	0	0	0	0	0	0	0
Trinidad & Tobago	0	0	0	0	0	0	0
Tunisia	2500	2382	669	-2887	1356	6906	1727
Turkey	11945	3107	3488	-22797	19645	38185	9546
Turkmenistan	0	0	0	0	0	0	0
Uganda	172	334	27	-452	-3496	533	178
Ukraine	4011	4534	12589	2750	18710	42595	8519
United Arab Emirates	0	0	0	0	0	0	0
Uruguay	3835	167	3220	-374	-3703	7222	2407
Uzbekistan	0	0	0	0	0	0	0
Vanuatu	20	1	5	-69	-16	26	9
Venezuela, Rep. Bol.	9344	8510	15817	27487	18322	79481	15896
Vietnam	0	0	0	0	0	0	0
Yemen, Republic Of	0	0	0	0	0	0	0
Zambia	0	0	0	0	0	0	0
Zimbabwe	0	0	0	0	0	0	0

\*Normalization is a two stage process. At the first stage, only countries with at least three years of capital flight out of five years pass through filtration to the second stage. During second stage, only those countries where capital flight exceeds 10 percent of their exports (f.o.b) are selected and included in the table.

Source: IMF Balance Payment, International Finance Statistics, Direction of Trade Statistics, World Economic Outlook databases, as well as World Bank Global Development Finance database.

**Table 12: Non-normalized Estimates of World Bank Residual Model (NDF), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Afghanistan, I.R. Of	0	0	0	0	143	143	143
Albania	-180	-99	-322	-58	-228	0	0
Algeria	-1436	-1260	-2309	-3740	-12048	0	0
Angola	1539	2985	2560	4381	3096	14562	2912
Antigua & Barbuda	0	0	0	0	0	0	0
Argentina	14157	5184	-3152	14160	-1471	33501	11167
Armenia	160	227	253	-1	119	759	190
Aruba	-39	33	154	-57	485	671	224
Azerbaijan, Rep. Of	408	352	-356	559	1144	2463	616
Bahamas, The	-331	-393	-217	-99	-772	0	0
Bahrain, Kingdom Of	-57	-68	143	1093	3300	4537	1512
Bangladesh	789	25	300	1335	2067	4516	903
Barbados	-127	-179	-196	-356	0	0	0
Belarus	513	-101	-272	898	90	1501	500
Belize	-35	45	-128	36	51	133	44
Benin	-21	-310	-68	-231	17	17	17
Bhutan	94	91	81	85	47	399	80
Bolivia	871	710	534	399	496	3009	602
Bosnia & Herzegovina	-396	-1334	-607	-968	-1032	0	0
Botswana	409	491	706	580	670	2855	571
Brazil	4771	10170	6920	-1013	-24244	21861	7287
Brunei Darussalam	1725	2370	2908	4222	5272	16497	3299
Bulgaria	569	1127	1184	1807	4910	9596	1919
Burkina Faso	71	101	236	183	232	823	165
Burundi	-13	-42	-18	-9	-109	0	0
Cambodia	43	-50	50	90	135	318	79
Cameroon	-242	-487	-442	-684	-213	0	0
Cape Verde	-27	-15	-82	-15	59	59	59
Central African Rep.	0	3	-6	-5	-42	3	2
Chad	108	151	80	70	66	475	95
Chile	3055	3735	8563	7155	11996	34505	6901
China,P.R.: Mainland	10718	-9710	-48793	59782	96859	167359	55786
Colombia	-1080	632	227	2034	1891	4784	1196
Comoros	11	3	3	0	2	18	4
Congo, Dem. Rep. Of	244	-67	315	95	79	733	183
Congo, Republic Of	541	597	795	695	-32	2628	657
Costa Rica	-273	-126	48	-18	-384	48	48
Côte D'Ivoire	-362	-480	-722	-363	857	857	857
Croatia	-126	5446	4009	5	3187	12647	3162
Cyprus	-213	214	-791	-1059	-1453	214	214
Czech Republic	-2598	-4415	-2072	5811	-84	5811	5811
Djibouti	51	42	64	73	95	326	65
Dominica	-10	39	-9	-109	-61	39	39
Dominican Republic	1697	2265	2004	156	1091	7213	1443

**Table 12: Non-normalized Estimates of World Bank Residual Model (NDF), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Ecuador	1350	471	286	-67	1442	3549	887
Egypt	378	1875	3554	1687	7410	14904	2981
El Salvador	565	106	35	451	-49	1158	289
Equatorial Guinea	1	33	-46	-1	0	34	17
Eritrea	85	80	68	57	36	327	65
Estonia	-682	-522	-1354	-1813	-2883	0	0
Ethiopia	964	304	279	-400	-1257	1547	516
Fiji	73	-24	-253	-76	-372	73	73
Gabon	40	557	1073	-35	29	1699	425
Gambia, The	58	36	12	41	28	174	35
Georgia	-76	-86	17	-306	-469	17	17
Ghana	134	-97	-305	-1072	97	231	115
Grenada	17	-32	9	-112	-66	27	13
Guatemala	-1053	-896	-1247	-1591	-852	0	0
Guinea	-115	-142	-173	-74	-84	0	0
Guinea-Bissau	-22	-28	-15	-7	-14	0	0
Guyana	-9	1	54	32	92	179	45
Haiti	-82	-62	-187	17	114	131	65
Honduras	37	-149	-190	168	128	333	111
Hungary	372	-246	7639	-1501	32443	40454	13485
India	-9625	-14379	-11101	-15139	-3945	0	0
Indonesia	-3474	-3083	-3293	8466	6336	14802	7401
Iran, I.R. Of	907	3983	6191	1416	-1744	12498	3124
Iraq	0	0	0	-7247	-4603	0	0
Israel	525	1456	184	3272	6880	12315	2463
Jamaica	-465	226	58	-402	679	963	321
Jordan	-127	-66	250	-676	358	607	304
Kazakhstan	2630	5050	11153	12901	23893	55628	11126
Kenya	2	84	-311	-982	-1219	86	43
Kiribati	0	0	0	0	0	0	0
Kuwait	5315	16141	15031	28780	39932	105199	21040
Kyrgyz Republic	-47	-26	-13	-10	-70	0	0
Lao People's Dem.Rep	198	319	163	301	68	1049	210
Latvia	842	657	1814	314	2296	5924	1185
Lebanon	680	-5838	1893	-81	2748	5321	1774
Lesotho	69	23	41	-93	-63	132	44
Liberia	0	3	-76	-106	-96	3	3
Libya	-170	-1644	-1353	2015	4313	6329	3164
Lithuania	-40	-1203	1043	-515	3494	4538	2269
Macedonia, Fyr	-87	-80	-154	-251	81	81	81
Madagascar	-281	-215	-275	-260	243	243	243
Malawi	-153	-2	35	45	82	162	54
Malaysia	8269	2788	-917	17955	19041	48053	12013
Maldives	-52	-45	-107	-199	-253	0	0

**Table 12: Non-normalized Estimates of World Bank Residual Model (NDF), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Mali	126	-305	-49	-133	-15	126	126
Malta	-583	132	260	-36	1236	1628	543
Marshall Islands	0	0	0	0	0	0	0
Mauritania	59	40	84	90	144	417	83
Mauritius	-57	570	-399	-198	-557	570	570
Mexico	-4973	710	8128	-1125	793	9630	3210
Micronesia	0	0	0	0	0	0	0
Moldova	20	-42	9	-1	15	44	15
Mongolia	-13	219	115	146	262	742	186
Montenegro	0	0	0	0	65	65	65
Morocco	161	1148	-2319	1133	2187	4628	1157
Mozambique	-532	-560	-239	-199	-300	0	0
Myanmar	511	259	243	508	703	2225	445
Namibia	262	531	706	700	1244	3441	688
Nepal	255	18	-17	102	-73	376	125
Nicaragua	-422	-260	-258	-283	-293	0	0
Niger	-45	-54	-61	-186	-390	0	0
Nigeria	4200	4547	8942	11860	-3721	29549	7387
Oman	167	162	-169	2385	3672	6386	1596
Pakistan	654	22	1142	-531	-2183	1818	606
Palau	0	0	0	0	0	0	0
Panama	-54	908	1109	-202	2033	4051	1350
Papua New Guinea	-318	9	-282	440	-226	449	224
Paraguay	293	-65	73	-324	185	551	184
Peru	630	835	812	1637	2383	6296	1259
Philippines	694	1513	2844	3432	1905	10387	2077
Poland	-601	5437	-749	2605	17047	25088	8363
Qatar	0	0	0	0	0	0	0
Romania	430	2910	2710	2061	6623	14733	2947
Russia	19201	20023	25103	45381	10462	120170	24034
Rwanda	34	-78	-43	-66	-133	34	34
Samoa	16	119	167	71	169	541	108
São Tomé & Príncipe	8	-11	6	2	-2	16	5
Saudi Arabia	8523	25853	47094	90989	98832	271291	54258
Senegal	-181	-489	-528	-357	-448	0	0
Serbia	804	1080	1668	2837	2817	9206	1841
Seychelles	-43	46	-10	41	124	211	70
Sierra Leone	-11	1	33	27	-10	61	20
Slovak Republic	94	1629	1464	-1759	4685	7872	1968
Slovenia	-65	-700	-315	-975	312	312	312
Solomon Islands	-59	-27	20	-58	-63	20	20
Somalia	9	0	-33	0	0	9	9
South Africa	2018	-301	-11677	-4439	-20321	2018	2018
Sri Lanka	-168	104	-18	62	-1209	166	83

**Table 12: Non-normalized Estimates of World Bank Residual Model (NDF), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
St. Kitts	39	43	-12	-20	-3	82	41
St. Lucia	-30	-23	-18	8	-138	8	8
St. Vincent & Grens.	9	-7	-35	-29	-3	9	9
Sudan	-563	-120	223	-1295	-1077	223	223
Suriname	-186	-242	-251	-135	-147	0	0
Swaziland	197	100	238	167	-3	701	175
Syrian Arab Republic	-504	-772	207	518	2135	2860	953
Tajikistan	-25	18	229	94	456	796	199
Tanzania	194	127	243	381	-195	946	236
Thailand	-6323	1797	1350	-790	268	3415	1138
Timor-Leste	0	0	0	0	0	0	0
Togo	-90	-169	-274	-222	-433	0	0
Tonga	-10188	-13119	-29147	-3006	-4243	0	0
Trinidad & Tobago	0	0	0	0	0	0	0
Tunisia	1469	1000	-178	-1398	335	2804	935
Turkey	7347	-7239	740	-14303	15852	23939	7980
Turkmenistan	-413	-290	-267	-280	-206	0	0
Uganda	41	55	-50	-36	-84	95	48
Ukraine	3467	3653	12602	4895	14020	38637	7727
United Arab Emirates	0	0	0	0	0	0	0
Uruguay	3588	-794	2666	245	-3576	6500	2167
Uzbekistan	-379	-79	-158	-297	-452	0	0
Vanuatu	13	-6	2	-59	-18	16	8
Venezuela, Rep. Bol.	8209	7762	15594	28098	16452	76115	15223
Vietnam	383	-997	1965	1193	-1450	3541	1180
Yemen, Republic Of	38	-360	-146	-231	76	115	57
Zambia	-198	-486	324	-247	899	1224	612
Zimbabwe	-164	104	83	-213	133	320	107

\*Source: IMF Balance Payment, International Finance Statistics, Direction of Trade Statistics, World Economic Outlook databases, as well as World Bank Global Development Finance database.

**Table 13: Normalized Estimates of World Bank Residual Model (NDF), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Afghanistan, I.R. Of	0	0	0	0	0	0	0
Albania	0	0	0	0	0	0	0
Algeria	0	0	0	0	0	0	0
Angola	1539	2985	2560	4381	3096	14562	2912
Antigua & Barbuda	0	0	0	0	0	0	0
Argentina	14157	5184	-3152	14160	-1471	33501	11167
Armenia	160	227	253	-1	119	759	190
Aruba	-39	33	154	-57	485	671	224
Azerbaijan, Rep. Of	408	352	-356	559	1144	2463	616
Bahamas, The	0	0	0	0	0	0	0
Bahrain, Kingdom Of	-57	-68	143	1093	3300	4537	1512
Bangladesh	789	25	300	1335	2067	4516	903
Barbados	0	0	0	0	0	0	0
Belarus	0	0	0	0	0	0	0
Belize	-35	45	-128	36	51	133	44
Benin	0	0	0	0	0	0	0
Bhutan	94	91	81	85	47	399	80
Bolivia	871	710	534	399	496	3009	602
Bosnia & Herzegovina	0	0	0	0	0	0	0
Botswana	409	491	706	580	670	2855	571
Brazil	0	0	0	0	0	0	0
Brunei Darussalam	1725	2370	2908	4222	5272	16497	3299
Bulgaria	569	1127	1184	1807	4910	9596	1919
Burkina Faso	71	101	236	183	232	823	165
Burundi	0	0	0	0	0	0	0
Cambodia	0	0	0	0	0	0	0
Cameroon	0	0	0	0	0	0	0
Cape Verde	0	0	0	0	0	0	0
Central African Rep.	0	0	0	0	0	0	0
Chad	0	0	0	0	0	0	0
Chile	3055	3735	8563	7155	11996	34505	6901
China,P.R.: Mainland	0	0	0	0	0	0	0
Colombia	0	0	0	0	0	0	0
Comoros	11	3	3	0	2	18	4
Congo, Dem. Rep. Of	244	-67	315	95	79	733	183
Congo, Republic Of	541	597	795	695	-32	2628	657
Costa Rica	0	0	0	0	0	0	0
Côte D'Ivoire	0	0	0	0	0	0	0
Croatia	-126	5446	4009	5	3187	12647	3162
Cyprus	0	0	0	0	0	0	0
Czech Republic	0	0	0	0	0	0	0
Djibouti	51	42	64	73	95	326	65
Dominica	0	0	0	0	0	0	0
Dominican Republic	1697	2265	2004	156	1091	7213	1443

**Table 13: Normalized Estimates of World Bank Residual Model (NDF), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Ecuador	1350	471	286	-67	1442	3549	887
Egypt	378	1875	3554	1687	7410	14904	2981
El Salvador	0	0	0	0	0	0	0
Equatorial Guinea	0	0	0	0	0	0	0
Eritrea	0	0	0	0	0	0	0
Estonia	0	0	0	0	0	0	0
Ethiopia	964	304	279	-400	-1257	1547	516
Fiji	0	0	0	0	0	0	0
Gabon	40	557	1073	-35	29	1699	425
Gambia, The	58	36	12	41	28	174	35
Georgia	0	0	0	0	0	0	0
Ghana	0	0	0	0	0	0	0
Grenada	0	0	0	0	0	0	0
Guatemala	0	0	0	0	0	0	0
Guinea	0	0	0	0	0	0	0
Guinea-Bissau	0	0	0	0	0	0	0
Guyana	0	0	0	0	0	0	0
Haiti	0	0	0	0	0	0	0
Honduras	0	0	0	0	0	0	0
Hungary	372	-246	7639	-1501	32443	40454	13485
India	0	0	0	0	0	0	0
Indonesia	0	0	0	0	0	0	0
Iran, I.R. Of	0	0	0	0	0	0	0
Iraq	0	0	0	0	0	0	0
Israel	0	0	0	0	0	0	0
Jamaica	-465	226	58	-402	679	963	321
Jordan	0	0	0	0	0	0	0
Kazakhstan	2630	5050	11153	12901	23893	55628	11126
Kenya	0	0	0	0	0	0	0
Kiribati	0	0	0	0	0	0	0
Kuwait	5315	16141	15031	28780	39932	105199	21040
Kyrgyz Republic	0	0	0	0	0	0	0
Lao People's Dem.Rep	198	319	163	301	68	1049	210
Latvia	842	657	1814	314	2296	5924	1185
Lebanon	680	-5838	1893	-81	2748	5321	1774
Lesotho	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Lithuania	0	0	0	0	0	0	0
Macedonia, Fyr	0	0	0	0	0	0	0
Madagascar	0	0	0	0	0	0	0
Malawi	-153	-2	35	45	82	162	54
Malaysia	0	0	0	0	0	0	0
Maldives	0	0	0	0	0	0	0

**Table 13: Normalized Estimates of World Bank Residual Model (NDF), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Mali	0	0	0	0	0	0	0
Malta	-583	132	260	-36	1236	1628	543
Marshall Islands	0	0	0	0	0	0	0
Mauritania	0	0	0	0	0	0	0
Mauritius	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0
Micronesia	0	0	0	0	0	0	0
Moldova	0	0	0	0	0	0	0
Mongolia	-13	219	115	146	262	742	186
Montenegro	0	0	0	0	0	0	0
Morocco	161	1148	-2319	1133	2187	4628	1157
Mozambique	0	0	0	0	0	0	0
Myanmar	511	259	243	508	703	2225	445
Namibia	262	531	706	700	1244	3441	688
Nepal	255	18	-17	102	-73	376	125
Nicaragua	0	0	0	0	0	0	0
Niger	0	0	0	0	0	0	0
Nigeria	4200	4547	8942	11860	-3721	29549	7387
Oman	167	162	-169	2385	3672	6386	1596
Pakistan	0	0	0	0	0	0	0
Palau	0	0	0	0	0	0	0
Panama	-54	908	1109	-202	2033	4051	1350
Papua New Guinea	0	0	0	0	0	0	0
Paraguay	293	-65	73	-324	185	551	184
Peru	0	0	0	0	0	0	0
Philippines	0	0	0	0	0	0	0
Poland	-601	5437	-749	2605	17047	25088	8363
Qatar	0	0	0	0	0	0	0
Romania	430	2910	2710	2061	6623	14733	2947
Russia	19201	20023	25103	45381	10462	120170	24034
Rwanda	0	0	0	0	0	0	0
Samoa	16	119	167	71	169	541	108
São Tomé & Príncipe	8	-11	6	2	-2	16	5
Saudi Arabia	8523	25853	47094	90989	98832	271291	54258
Senegal	0	0	0	0	0	0	0
Serbia	804	1080	1668	2837	2817	9206	1841
Seychelles	-43	46	-10	41	124	211	70
Sierra Leone	-11	1	33	27	-10	61	20
Slovak Republic	0	0	0	0	0	0	0
Slovenia	0	0	0	0	0	0	0
Solomon Islands	0	0	0	0	0	0	0
Somalia	0	0	0	0	0	0	0
South Africa	0	0	0	0	0	0	0
Sri Lanka	0	0	0	0	0	0	0

**Table 13: Normalized Estimates of World Bank Residual Model (NDF), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
St. Kitts	0	0	0	0	0	0	0
St. Lucia	0	0	0	0	0	0	0
St. Vincent & Grens.	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0
Suriname	0	0	0	0	0	0	0
Swaziland	0	0	0	0	0	0	0
Syrian Arab Republic	0	0	0	0	0	0	0
Tajikistan	-25	18	229	94	456	796	199
Tanzania	194	127	243	381	-195	946	236
Thailand	0	0	0	0	0	0	0
Timor-Leste	0	0	0	0	0	0	0
Togo	0	0	0	0	0	0	0
Tonga	0	0	0	0	0	0	0
Trinidad & Tobago	0	0	0	0	0	0	0
Tunisia	1469	1000	-178	-1398	335	2804	935
Turkey	7347	-7239	740	-14303	15852	23939	7980
Turkmenistan	0	0	0	0	0	0	0
Uganda	0	0	0	0	0	0	0
Ukraine	3467	3653	12602	4895	14020	38637	7727
United Arab Emirates	0	0	0	0	0	0	0
Uruguay	3588	-794	2666	245	-3576	6500	2167
Uzbekistan	0	0	0	0	0	0	0
Vanuatu	0	0	0	0	0	0	0
Venezuela, Rep. Bol.	8209	7762	15594	28098	16452	76115	15223
Vietnam	0	0	0	0	0	0	0
Yemen, Republic Of	0	0	0	0	0	0	0
Zambia	0	0	0	0	0	0	0
Zimbabwe	0	0	0	0	0	0	0

\*Normalization is a two stage process. At the first stage, only countries with at least three years of capital flight out of five years pass through filtration to the second stage. During second stage, only those countries where capital flight exceeds 10 percent of their exports (f.o.b) are selected and included in the table.

Source: IMF Balance Payment, International Finance Statistics, Direction of Trade Statistics, World Economic Outlook databases, as well as World Bank Global Development Finance database.

**Table 14: Non-normalized Estimates of Trade Mispricing Model (GER), 2002-06**

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Afghanistan, I.R. Of	0	1	11	1	1	14	3
Albania	0	3	9	77	66	155	39
Algeria	793	24	117	44	37	1016	203
Angola	1	1	168	0	0	170	34
Antigua & Barbuda	0	0	0	0	0	0	0
Argentina	597	0	1447	780	0	2824	941
Armenia	170	247	105	316	181	1018	204
Aruba	803	1195	2165	3560	3506	11229	2246
Azerbaijan, Rep. Of	0	0	0	0	2194	2194	2194
Bahamas, The	75	87	130	132	160	584	117
Bahrain, Kingdom Of	0	0	0	0	0	0	0
Bangladesh	401	810	920	487	0	2617	654
Barbados	287	321	348	526	52	1534	307
Belarus	0	0	10606	1651	9394	21651	7217
Belize	0	2	2	1	1	6	1
Benin	0	0	54	38	37	129	43
Bhutan	0	0	0	0	0	0	0
Bolivia	212	222	17	93	12	556	111
Bosnia & Herzegovina	0	0	27	14	313	354	71
Botswana	0	0	0	0	0	0	0
Brazil	0	1119	2367	2422	485	6394	1598
Brunei Darussalam	3	0	12	3	4	22	5
Bulgaria	440	674	438	520	0	2072	518
Burkina Faso	33	45	59	67	81	285	57
Burundi	6	3	0	50	120	179	45
Cambodia	279	327	402	395	506	1910	382
Cameroon	112	308	0	0	0	419	210
Cape Verde	16	13	17	20	25	91	18
Central African Rep.	32	40	54	59	73	257	51
Chad	0	0	0	0	0	0	0
Chile	1044	1098	1377	1329	0	4848	1212
China,P.R.: Mainland	154442	184749	253259	282100	293047	1167598	233520
Colombia	937	1616	2151	1596	179	6478	1296
Comoros	2	2	3	3	4	13	3
Congo, Dem. Rep. Of	4	4	4	8	0	19	5
Congo, Republic Of	0	918	2959	34	38	3949	987
Costa Rica	2267	3417	4615	5743	105	16147	3229
Côte D'Ivoire	0	0	0	0	0	0	0
Croatia	154	463	189	14	0	820	205
Cyprus	360	537	478	299	2154	3828	766
Czech Republic	1670	2726	1673	0	0	6069	2023
Djibouti	26	32	38	42	50	188	38
Dominica	1	1	0	2	2	7	2
Dominican Republic	6	4	0	5	6	21	5

**Table 14: Non-normalized Estimates of Trade Mispricing Model (GER), 2002-06**

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Ecuador	300	26	816	1130	478	2750	550
Egypt	1059	1340	1751	2090	2618	8859	1772
El Salvador	550	569	767	771	492	3150	630
Equatorial Guinea	0	4	17	0	0	22	4
Eritrea	0	0	0	0	0	0	0
Estonia	0	0	610	0	0	610	610
Ethiopia	308	89	49	776	893	2115	423
Fiji	8	11	14	16	19	67	13
Gabon	24	29	35	40	47	175	35
Gambia, The	2	3	3	4	5	17	3
Georgia	242	367	445	394	911	2359	472
Ghana	28	36	79	53	65	261	52
Grenada	20	23	26	28	31	128	26
Guatemala	1393	1277	1392	1532	343	5937	1187
Guinea	2	161	413	501	738	1814	363
Guinea-Bissau	9	12	16	17	21	75	15
Guyana	0	1	0	0	0	1	1
Haiti	0	0	0	0	0	0	0
Honduras	2743	2763	2816	22	27	8371	1674
Hungary	0	0	0	0	0	0	0
India	8325	9962	23173	27512	44659	113632	22726
Indonesia	1182	11810	14655	11324	12837	51807	10361
Iran, I.R. Of	278	86	63	137	160	723	145
Iraq	0	0	4	0	0	4	2
Israel	623	497	0	0	0	1120	560
Jamaica	294	427	418	485	190	1813	363
Jordan	0	0	174	0	0	174	174
Kazakhstan	1037	303	0	55	59	1454	364
Kenya	0	123	378	65	81	647	162
Kiribati	0	0	0	0	0	0	0
Kuwait	126	141	149	193	231	840	168
Kyrgyz Republic	0	0	0	16	0	16	16
Lao People's Dem.Rep	0	0	0	0	0	0	0
Latvia	668	766	1189	753	792	4169	834
Lebanon	96	123	161	184	226	790	158
Lesotho	0	0	0	0	0	0	0
Liberia	1	2	6	3	3	14	3
Libya	18	42	17	47	51	174	35
Lithuania	0	0	0	0	0	0	0
Macedonia, Fyr	164	245	376	471	166	1422	284
Madagascar	299	214	161	200	254	1129	226
Malawi	0	1	2	8	2	12	2
Malaysia	12336	18217	19679	21709	23196	95137	19027
Maldives	1072	887	942	41	24	2966	593

**Table 14: Non-normalized Estimates of Trade Mispricing Model (GER), 2002-06**

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Mali	458	512	576	623	693	2863	573
Malta	137	300	397	674	848	2355	471
Marshall Islands	0	0	0	0	0	0	0
Mauritania	62	79	104	118	145	509	102
Mauritius	15	114	18	0	119	266	67
Mexico	40013	37303	40676	43958	46451	208402	41680
Micronesia	0	0	0	0	0	0	0
Moldova	106	222	333	257	0	919	230
Mongolia	0	0	0	0	174	174	174
Montenegro	0	0	0	0	0	0	0
Morocco	182	317	736	3444	244	4924	985
Mozambique	191	3	0	0	427	622	207
Myanmar	4	5	3	7	0	19	5
Namibia	0	0	0	0	0	0	0
Nepal	457	356	422	499	239	1972	394
Nicaragua	441	519	638	918	1100	3616	723
Niger	0	0	89	1	1	90	30
Nigeria	0	0	2659	3376	4169	10204	3401
Oman	134	314	0	0	0	448	224
Pakistan	0	0	0	0	709	709	709
Palau	0	0	0	0	0	0	0
Panama	2084	2275	2382	3235	3535	13513	2703
Papua New Guinea	15	18	22	28	34	117	23
Paraguay	306	157	0	25	1902	2390	598
Peru	709	940	843	1204	900	4594	919
Philippines	7105	10280	11989	15666	15729	60770	12154
Poland	274	48	590	0	0	912	304
Qatar	0	0	0	6227	7498	13725	6863
Romania	0	0	0	0	0	0	0
Russia	0	2797	16111	0	1080	19989	6663
Rwanda	63	80	104	119	158	524	105
Samoa	0	2	2	312	4	320	80
São Tomé & Príncipe	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	1164	613	1777	889
Senegal	0	0	0	9	0	9	9
Serbia	0	0	0	0	0	0	0
Seychelles	205	149	55	62	76	548	110
Sierra Leone	14	18	22	26	32	112	22
Slovak Republic	956	278	344	0	0	1577	526
Slovenia	0	0	44	0	0	44	44
Solomon Islands	17	19	21	23	26	107	21
Somalia	39	49	65	73	90	316	63
South Africa	958	0	3071	4678	6782	15489	3872
Sri Lanka	0	0	0	0	0	0	0

**Table 14: Non-normalized Estimates of Trade Mispricing Model (GER), 2002-06**

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
St. Kitts	3	4	4	4	5	20	4
St. Lucia	3	3	4	4	5	20	4
St. Vincent & Grens.	170	153	279	299	1	902	180
Sudan	0	0	43	156	71	270	90
Suriname	0	26	1	0	0	27	5
Swaziland	0	0	0	0	0	0	0
Syrian Arab Republic	1125	1422	12225	2	5	14780	2956
Tajikistan	168	117	173	55	0	513	128
Tanzania	0	110	135	81	0	327	109
Thailand	1489	2207	3902	8578	6857	23033	4607
Timor-Leste	0	0	0	0	0	0	0
Togo	72	232	73	174	39	590	118
Tonga	0	0	4	0	0	4	1
Trinidad & Tobago	1095	5	6	8	11	1124	225
Tunisia	0	0	0	0	0	0	0
Turkey	1801	2057	0	1896	361	6115	1529
Turkmenistan	685	599	2	0	0	1286	429
Uganda	3	135	14	19	24	196	39
Ukraine	0	0	0	0	28	28	28
United Arab Emirates	0	0	0	0	0	0	0
Uruguay	19	345	319	352	29	1064	213
Uzbekistan	0	0	0	0	0	1	0
Vanuatu	2	3	3	4	5	16	3
Venezuela, Rep. Bol.	458	0	2091	986	88	3623	906
Vietnam	0	0	0	0	0	0	0
Yemen, Republic Of	0	33	0	1087	0	1120	560
Zambia	0	388	555	1289	481	2714	678
Zimbabwe	655	0	299	321	1726	3001	750

\*Source: IMF Balance Payment, International Finance Statistics, Direction of Trade Statistics, World Economic Outlook databases, as well as World Bank Global Development Finance database.

**Table 15: Normalized Estimates of Trade Mispricing Model (GER), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Afghanistan, I.R. Of	0	0	0	0	0	0	0
Albania	0	0	0	0	0	0	0
Algeria	0	0	0	0	0	0	0
Angola	0	0	0	0	0	0	0
Antigua & Barbuda	0	0	0	0	0	0	0
Argentina	0	0	0	0	0	0	0
Armenia	170	247	105	316	181	1018	204
Aruba	803	1195	2165	3560	3506	11229	2246
Azerbaijan, Rep. Of	0	0	0	0	0	0	0
Bahamas, The	75	87	130	132	160	584	117
Bahrain, Kingdom Of	0	0	0	0	0	0	0
Bangladesh	0	0	0	0	0	0	0
Barbados	287	321	348	526	52	1534	307
Belarus	0	0	10606	1651	9394	21651	7217
Belize	0	0	0	0	0	0	0
Benin	0	0	0	0	0	0	0
Bhutan	0	0	0	0	0	0	0
Bolivia	0	0	0	0	0	0	0
Bosnia & Herzegovina	0	0	0	0	0	0	0
Botswana	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0
Brunei Darussalam	0	0	0	0	0	0	0
Bulgaria	0	0	0	0	0	0	0
Burkina Faso	33	45	59	67	81	285	57
Burundi	6	3	0	50	120	179	45
Cambodia	279	327	402	395	506	1910	382
Cameroon	0	0	0	0	0	0	0
Cape Verde	16	13	17	20	25	91	18
Central African Rep.	32	40	54	59	73	257	51
Chad	0	0	0	0	0	0	0
Chile	0	0	0	0	0	0	0
China,P.R.: Mainland	154442	184749	253259	282100	293047	1167598	233520
Colombia	0	0	0	0	0	0	0
Comoros	2	2	3	3	4	13	3
Congo, Dem. Rep. Of	0	0	0	0	0	0	0
Congo, Republic Of	0	918	2959	34	38	3949	987
Costa Rica	2267	3417	4615	5743	105	16147	3229
Côte D'Ivoire	0	0	0	0	0	0	0
Croatia	0	0	0	0	0	0	0
Cyprus	360	537	478	299	2154	3828	766
Czech Republic	0	0	0	0	0	0	0
Djibouti	26	32	38	42	50	188	38
Dominica	0	0	0	0	0	0	0
Dominican Republic	0	0	0	0	0	0	0

**Table 15: Normalized Estimates of Trade Mispricing Model (GER), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Ecuador	0	0	0	0	0	0	0
Egypt	1059	1340	1751	2090	2618	8859	1772
El Salvador	550	569	767	771	492	3150	630
Equatorial Guinea	0	0	0	0	0	0	0
Eritrea	0	0	0	0	0	0	0
Estonia	0	0	0	0	0	0	0
Ethiopia	308	89	49	776	893	2115	423
Fiji	0	0	0	0	0	0	0
Gabon	0	0	0	0	0	0	0
Gambia, The	2	3	3	4	5	17	3
Georgia	242	367	445	394	911	2359	472
Ghana	0	0	0	0	0	0	0
Grenada	20	23	26	28	31	128	26
Guatemala	1393	1277	1392	1532	343	5937	1187
Guinea	2	161	413	501	738	1814	363
Guinea-Bissau	9	12	16	17	21	75	15
Guyana	0	0	0	0	0	0	0
Haiti	0	0	0	0	0	0	0
Honduras	2743	2763	2816	22	27	8371	1674
Hungary	0	0	0	0	0	0	0
India	8325	9962	23173	27512	44659	113632	22726
Indonesia	1182	11810	14655	11324	12837	51807	10361
Iran, I.R. Of	0	0	0	0	0	0	0
Iraq	0	0	0	0	0	0	0
Israel	0	0	0	0	0	0	0
Jamaica	294	427	418	485	190	1813	363
Jordan	0	0	0	0	0	0	0
Kazakhstan	0	0	0	0	0	0	0
Kenya	0	0	0	0	0	0	0
Kiribati	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Kyrgyz Republic	0	0	0	0	0	0	0
Lao People's Dem.Rep	0	0	0	0	0	0	0
Latvia	668	766	1189	753	792	4169	834
Lebanon	0	0	0	0	0	0	0
Lesotho	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Lithuania	0	0	0	0	0	0	0
Macedonia, Fyr	164	245	376	471	166	1422	284
Madagascar	299	214	161	200	254	1129	226
Malawi	0	0	0	0	0	0	0
Malaysia	12336	18217	19679	21709	23196	95137	19027
Maldives	1072	887	942	41	24	2966	593

**Table 15: Normalized Estimates of Trade Mispricing Model (GER), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Mali	458	512	576	623	693	2863	573
Malta	137	300	397	674	848	2355	471
Marshall Islands	0	0	0	0	0	0	0
Mauritania	0	0	0	0	0	0	0
Mauritius	0	0	0	0	0	0	0
Mexico	40013	37303	40676	43958	46451	208402	41680
Micronesia	0	0	0	0	0	0	0
Moldova	106	222	333	257	0	919	230
Mongolia	0	0	0	0	0	0	0
Montenegro	0	0	0	0	0	0	0
Morocco	0	0	0	0	0	0	0
Mozambique	191	3	0	0	427	622	207
Myanmar	0	0	0	0	0	0	0
Namibia	0	0	0	0	0	0	0
Nepal	457	356	422	499	239	1972	394
Nicaragua	441	519	638	918	1100	3616	723
Niger	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
Pakistan	0	0	0	0	0	0	0
Palau	0	0	0	0	0	0	0
Panama	2084	2275	2382	3235	3535	13513	2703
Papua New Guinea	0	0	0	0	0	0	0
Paraguay	306	157	0	25	1902	2390	598
Peru	0	0	0	0	0	0	0
Philippines	7105	10280	11989	15666	15729	60770	12154
Poland	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Russia	0	0	0	0	0	0	0
Rwanda	63	80	104	119	158	524	105
Samoa	0	2	2	312	4	320	80
São Tomé & Príncipe	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
Senegal	0	0	0	0	0	0	0
Serbia	0	0	0	0	0	0	0
Seychelles	205	149	55	62	76	548	110
Sierra Leone	14	18	22	26	32	112	22
Slovak Republic	0	0	0	0	0	0	0
Slovenia	0	0	0	0	0	0	0
Solomon Islands	17	19	21	23	26	107	21
Somalia	0	0	0	0	0	0	0
South Africa	0	0	0	0	0	0	0
Sri Lanka	0	0	0	0	0	0	0

**Table 15: Normalized Estimates of Trade Mispricing Model (GER), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
St. Kitts	3	4	4	4	5	20	4
St. Lucia	0	0	0	0	0	0	0
St. Vincent & Grens.	170	153	279	299	1	902	180
Sudan	0	0	0	0	0	0	0
Suriname	0	0	0	0	0	0	0
Swaziland	0	0	0	0	0	0	0
Syrian Arab Republic	1125	1422	12225	2	5	14780	2956
Tajikistan	168	117	173	55	0	513	128
Tanzania	0	0	0	0	0	0	0
Thailand	0	0	0	0	0	0	0
Timor-Leste	0	0	0	0	0	0	0
Togo	72	232	73	174	39	590	118
Tonga	0	0	0	0	0	0	0
Trinidad & Tobago	0	0	0	0	0	0	0
Tunisia	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0
Turkmenistan	0	0	0	0	0	0	0
Uganda	0	0	0	0	0	0	0
Ukraine	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Uruguay	0	0	0	0	0	0	0
Uzbekistan	0	0	0	0	0	0	0
Vanuatu	2	3	3	4	5	16	3
Venezuela, Rep. Bol.	0	0	0	0	0	0	0
Vietnam	0	0	0	0	0	0	0
Yemen, Republic Of	0	0	0	0	0	0	0
Zambia	0	388	555	1289	481	2714	678
Zimbabwe	655	0	299	321	1726	3001	750

\*Normalization is a two stage process. At the first stage, only countries with at least three years of capital flight out of five years pass through filtration to the second stage. During second stage, only those countries where capital flight exceeds 10 percent of their exports (f.o.b) are selected and included in the table.

Source: IMF Balance Payment, International Finance Statistics, Direction of Trade Statistics, World Economic Outlook databases, as well as World Bank Global Development Finance database.

**Table 16: Non-normalized Estimates of Trade Mispricing Model (Net), 2002-06**

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Afghanistan, I.R. Of	0	1	11	1	1	14	3
Albania	-25	-23	-40	15	-27	15	-20
Algeria	-686	22	117	42	35	217	-94
Angola	1	1	150	0	-2	152	30
Antigua & Barbuda	0	0	0	0	0	0	0
Argentina	-16	-318	1447	780	-1212	2227	136
Armenia	10	93	-92	120	-100	223	6
Aruba	803	1195	2003	1670	1578	7250	1450
Azerbaijan, Rep. Of	-805	-904	-1922	-1120	312	312	-888
Bahamas, The	73	84	127	128	156	567	113
Bahrain, Kingdom Of	-6294	-7935	-10433	-12114	-14999	0	-10355
Bangladesh	116	810	462	213	-922	1601	136
Barbados	287	321	348	526	17	1499	300
Belarus	-2162	-2485	1835	-3461	189	2025	-1217
Belize	-3	-2	-12	-24	-33	0	-15
Benin	-833	-815	-918	-1599	-140	0	-861
Bhutan	0	0	0	0	0	0	0
Bolivia	-81	-132	-403	83	0	83	-107
Bosnia & Herzegovina	0	0	25	14	-437	40	-79
Botswana	0	0	0	0	0	0	0
Brazil	-2587	1119	872	1185	-1768	3176	-236
Brunei Darussalam	-13	-939	12	-12	-12	12	-193
Bulgaria	90	140	-324	-685	-5890	230	-1334
Burkina Faso	0	4	0	6	7	18	3
Burundi	0	3	-36	50	117	170	27
Cambodia	-532	-765	-895	-1098	-1773	0	-1012
Cameroon	-20	-284	-249	-382	-482	0	-283
Cape Verde	16	13	17	20	25	91	18
Central African Rep.	32	40	54	59	72	256	51
Chad	0	0	-38	0	-1	0	-8
Chile	82	1010	1188	1329	-2357	3609	251
China,P.R.: Mainland	154442	184749	253259	282100	293047	1167598	233520
Colombia	937	1616	2151	1596	179	6478	1296
Comoros	2	2	2	3	4	12	2
Congo, Dem. Rep. Of	1	0	4	2	-11	7	-1
Congo, Republic Of	-495	694	2155	23	26	2897	480
Costa Rica	2267	3417	4615	5743	105	16147	3229
Côte D'Ivoire	0	0	0	0	0	0	0
Croatia	-594	-561	-935	-1311	-1592	0	-999
Cyprus	-3184	-5706	-7565	-7045	-6987	0	-6097
Czech Republic	-1882	-778	-10786	-16741	-19684	0	-9974
Djibouti	25	31	37	41	48	182	36
Dominica	0	0	-2	0	0	0	-1
Dominican Republic	3	1	-5	2	3	9	1

**Table 16: Non-normalized Estimates of Trade Mispricing Model (Net), 2002-06**

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Ecuador	-193	-68	552	1130	381	2064	361
Egypt	203	236	299	435	581	1755	351
El Salvador	429	439	485	771	257	2382	476
Equatorial Guinea	0	4	17	0	-4	22	4
Eritrea	0	0	0	0	0	0	0
Estonia	-1340	-992	-1023	-2231	-3547	0	-1827
Ethiopia	308	83	4	776	727	1898	380
Fiji	-85	-105	-133	-152	-185	0	-132
Gabon	-258	-323	-436	-476	-585	0	-415
Gambia, The	2	3	3	4	5	17	3
Georgia	24	-68	66	66	594	750	137
Ghana	-120	-152	-164	-229	-268	0	-187
Grenada	17	19	21	23	25	106	21
Guatemala	1393	1277	1392	1532	134	5728	1146
Guinea	-1	-47	413	322	517	1252	241
Guinea-Bissau	9	12	16	17	21	75	15
Guyana	-3	-3	-5	-6	-8	0	-5
Haiti	-358	-418	-447	-16	-20	0	-252
Honduras	987	901	785	0	0	2673	535
Hungary	-3810	-5524	-7925	-10657	-14890	0	-8561
India	7881	9962	23173	27512	43941	112469	22494
Indonesia	-3503	-12675	-11339	-14962	-14682	0	-11432
Iran, I.R. Of	-3436	-4435	-5883	-8124	-10233	0	-6422
Iraq	-5	-2	-82	0	-3	0	-18
Israel	-1692	-2293	-4929	-3529	-4569	0	-3402
Jamaica	294	270	403	485	190	1642	328
Jordan	-1191	-1668	-1828	-1052	-1799	0	-1508
Kazakhstan	570	-880	-4857	-1473	-2184	570	-1765
Kenya	-248	-142	-362	-112	-136	0	-200
Kiribati	0	0	0	0	0	0	0
Kuwait	126	141	117	193	231	809	162
Kyrgyz Republic	-328	-481	-639	-904	-2113	0	-893
Lao People's Dem.Rep	0	0	0	0	0	0	0
Latvia	-1398	-1643	-810	-953	-1496	0	-1260
Lebanon	87	111	146	166	204	713	143
Lesotho	0	0	0	0	0	0	0
Liberia	-2	2	-38	2	3	7	-7
Libya	15	36	12	40	44	148	30
Lithuania	-2283	-2986	-2893	-3128	-4353	0	-3129
Macedonia, Fyr	-196	-154	-24	-21	-115	0	-102
Madagascar	103	115	140	177	225	760	152
Malawi	-3	-3	-2	3	-2	3	-1
Malaysia	7140	7346	14066	15473	13072	57097	11419
Maldives	1072	887	906	21	24	2911	582

**Table 16: Non-normalized Estimates of Trade Mispricing Model (Net), 2002-06**

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Mali	452	504	560	611	678	2805	561
Malta	-1847	-1479	-1750	-1274	-2663	0	-1802
Marshall Islands	0	0	0	0	0	0	0
Mauritania	55	69	90	104	128	446	89
Mauritius	-102	-268	-46	-81	19	19	-96
Mexico	26338	25631	28318	26022	26728	133037	26607
Micronesia	0	0	0	0	0	0	0
Moldova	-289	-390	-527	-541	-304	0	-410
Mongolia	-151	-170	-184	-290	174	174	-124
Montenegro	0	0	0	0	0	0	0
Morocco	-781	-359	-232	-602	-95	0	-414
Mozambique	-124	-155	-258	-306	-386	0	-246
Myanmar	-207	-241	-265	-280	-308	0	-260
Namibia	0	0	0	0	0	0	0
Nepal	391	281	299	296	233	1501	300
Nicaragua	421	464	263	758	830	2736	547
Niger	-181	-135	-28	-1	-1	0	-69
Nigeria	-6667	-1451	2199	2679	3281	8159	8
Oman	-2203	292	-813	-1205	-1443	292	-1074
Pakistan	-2491	-4321	-4773	-4192	-52	0	-3166
Palau	0	0	0	0	0	0	0
Panama	-8533	-10804	-13259	-15495	-17999	0	-13218
Papua New Guinea	-1075	-1339	-1704	-1965	-2405	0	-1697
Paraguay	-27	-195	-158	-24	1902	1902	300
Peru	-605	-703	-436	-271	-1310	0	-665
Philippines	763	913	2839	7097	4914	16526	3305
Poland	-5757	-7009	-12798	-25283	-32102	0	-16590
Qatar	-729	-967	-3470	5022	4081	9103	787
Romania	-399	-580	-1361	-4146	-8856	0	-3068
Russia	-19425	-21200	-23009	-42755	-42539	0	-29786
Rwanda	23	29	37	43	63	195	39
Samoa	-19	-4	-5	199	-3	199	34
São Tomé & Príncipe	0	0	0	0	0	0	0
Saudi Arabia	-7904	-6486	-4049	-147	-1032	0	-3924
Senegal	-289	-408	-518	-665	-563	0	-489
Serbia	0	0	0	0	0	0	0
Seychelles	205	119	55	58	69	506	101
Sierra Leone	10	14	17	21	27	89	18
Slovak Republic	290	216	288	-5745	-9541	794	-2898
Slovenia	-1126	-983	5	-4207	-5918	5	-2446
Solomon Islands	5	5	8	3	2	23	5
Somalia	39	49	65	73	90	315	63
South Africa	616	-597	3071	4678	6782	15147	2910
Sri Lanka	-795	-1000	-819	-1517	-1489	0	-1124

**Table 16: Non-normalized Estimates of Trade Mispricing Model (Net), 2002-06**

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
St. Kitts	1	1	0	-3	0	2	0
St. Lucia	3	3	4	4	5	19	4
St. Vincent & Grens.	-23	-99	-24	-144	-2	0	-59
Sudan	-13	-490	-655	-402	-7945	0	-1901
Suriname	-1	24	0	0	0	24	5
Swaziland	0	0	0	0	0	0	0
Syrian Arab Republic	969	1223	-2608	2	-1	2194	-83
Tajikistan	-53	-77	-90	-35	-582	0	-167
Tanzania	-420	43	49	-22	-145	92	-99
Thailand	377	1527	3902	8578	6857	21242	4248
Timor-Leste	0	0	0	0	0	0	0
Togo	-868	-514	-1015	-1195	-186	0	-755
Tonga	0	0	-3	0	0	0	-1
Trinidad & Tobago	1095	-57	-74	-83	-99	1095	157
Tunisia	-800	-774	-973	-1755	-1618	0	-1184
Turkey	-1063	-997	-1454	-3286	-5572	0	-2474
Turkmenistan	365	308	-76	-152	-182	674	53
Uganda	-99	66	-35	-37	-42	66	-29
Ukraine	-3979	-5469	-5976	-7616	-439	0	-4696
United Arab Emirates	-21657	-25700	-10394	-13974	-17434	0	-17832
Uruguay	-1	-406	-498	-476	-50	0	-286
Uzbekistan	0	0	-11	0	-1	0	-2
Vanuatu	1	-2	-8	-34	3	4	-8
Venezuela, Rep. Bol.	-1667	-2469	1485	986	-3312	2472	-995
Vietnam	-1572	-407	-1825	-2101	-2887	0	-1758
Yemen, Republic Of	-1802	24	-1376	-20	-1314	24	-898
Zambia	-283	326	537	1289	139	2291	402
Zimbabwe	197	-2412	269	244	1726	2436	5

\*Source: IMF Balance Payment, International Finance Statistics, Direction of Trade Statistics, World Economic Outlook databases, as well as World Bank Global Development Finance database.

**Table 17: Normalized Estimates of Trade Mispricing Model (NET), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Afghanistan, I.R. Of	0	0	0	0	0	0	0
Albania	0	0	0	0	0	0	0
Algeria	0	0	0	0	0	0	0
Angola	0	0	0	0	0	0	0
Antigua & Barbuda	0	0	0	0	0	0	0
Argentina	0	0	0	0	0	0	0
Armenia	0	0	0	0	0	0	0
Aruba	803	1195	2003	1670	1578	7250	1450
Azerbaijan, Rep. Of	0	0	0	0	0	0	0
Bahamas, The	73	84	127	128	156	567	113
Bahrain, Kingdom Of	0	0	0	0	0	0	0
Bangladesh	0	0	0	0	0	0	0
Barbados	287	321	348	526	17	1499	300
Belarus	0	0	0	0	0	0	0
Belize	0	0	0	0	0	0	0
Benin	0	0	0	0	0	0	0
Bhutan	0	0	0	0	0	0	0
Bolivia	0	0	0	0	0	0	0
Bosnia & Herzegovina	0	0	0	0	0	0	0
Botswana	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0
Brunei Darussalam	0	0	0	0	0	0	0
Bulgaria	0	0	0	0	0	0	0
Burkina Faso	0	0	0	0	0	0	0
Burundi	0	3	-36	50	117	170	27
Cambodia	0	0	0	0	0	0	0
Cameroon	0	0	0	0	0	0	0
Cape Verde	16	13	17	20	25	91	18
Central African Rep.	32	40	54	59	72	256	51
Chad	0	0	0	0	0	0	0
Chile	0	0	0	0	0	0	0
China,P.R.: Mainland	154442	184749	253259	282100	293047	1167598	233520
Colombia	0	0	0	0	0	0	0
Comoros	2	2	2	3	4	12	2
Congo, Dem. Rep. Of	0	0	0	0	0	0	0
Congo, Republic Of	-495	694	2155	23	26	2897	480
Costa Rica	2267	3417	4615	5743	105	16147	3229
Côte D'Ivoire	0	0	0	0	0	0	0
Croatia	0	0	0	0	0	0	0
Cyprus	0	0	0	0	0	0	0
Czech Republic	0	0	0	0	0	0	0
Djibouti	25	31	37	41	48	182	36
Dominica	0	0	0	0	0	0	0
Dominican Republic	0	0	0	0	0	0	0

**Table 17: Normalized Estimates of Trade Mispricing Model (NET), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Ecuador	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
El Salvador	429	439	485	771	257	2382	476
Equatorial Guinea	0	0	0	0	0	0	0
Eritrea	0	0	0	0	0	0	0
Estonia	0	0	0	0	0	0	0
Ethiopia	308	83	4	776	727	1898	380
Fiji	0	0	0	0	0	0	0
Gabon	0	0	0	0	0	0	0
Gambia, The	2	3	3	4	5	17	3
Georgia	24	-68	66	66	594	750	137
Ghana	0	0	0	0	0	0	0
Grenada	17	19	21	23	25	106	21
Guatemala	1393	1277	1392	1532	134	5728	1146
Guinea	-1	-47	413	322	517	1252	241
Guinea-Bissau	9	12	16	17	21	75	15
Guyana	0	0	0	0	0	0	0
Haiti	0	0	0	0	0	0	0
Honduras	987	901	785	0	0	2673	535
Hungary	0	0	0	0	0	0	0
India	7881	9962	23173	27512	43941	112469	22494
Indonesia	0	0	0	0	0	0	0
Iran, I.R. Of	0	0	0	0	0	0	0
Iraq	0	0	0	0	0	0	0
Israel	0	0	0	0	0	0	0
Jamaica	294	270	403	485	190	1642	328
Jordan	0	0	0	0	0	0	0
Kazakhstan	0	0	0	0	0	0	0
Kenya	0	0	0	0	0	0	0
Kiribati	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Kyrgyz Republic	0	0	0	0	0	0	0
Lao People's Dem.Rep	0	0	0	0	0	0	0
Latvia	0	0	0	0	0	0	0
Lebanon	0	0	0	0	0	0	0
Lesotho	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Lithuania	0	0	0	0	0	0	0
Macedonia, Fyr	0	0	0	0	0	0	0
Madagascar	103	115	140	177	225	760	152
Malawi	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0
Maldives	1072	887	906	21	24	2911	582

**Table 17: Normalized Estimates of Trade Mispricing Model (NET), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
Mali	452	504	560	611	678	2805	561
Malta	0	0	0	0	0	0	0
Marshall Islands	0	0	0	0	0	0	0
Mauritania	0	0	0	0	0	0	0
Mauritius	0	0	0	0	0	0	0
Mexico	26338	25631	28318	26022	26728	133037	26607
Micronesia	0	0	0	0	0	0	0
Moldova	0	0	0	0	0	0	0
Mongolia	0	0	0	0	0	0	0
Montenegro	0	0	0	0	0	0	0
Morocco	0	0	0	0	0	0	0
Mozambique	0	0	0	0	0	0	0
Myanmar	0	0	0	0	0	0	0
Namibia	0	0	0	0	0	0	0
Nepal	391	281	299	296	233	1501	300
Nicaragua	421	464	263	758	830	2736	547
Niger	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
Pakistan	0	0	0	0	0	0	0
Palau	0	0	0	0	0	0	0
Panama	0	0	0	0	0	0	0
Papua New Guinea	0	0	0	0	0	0	0
Paraguay	0	0	0	0	0	0	0
Peru	0	0	0	0	0	0	0
Philippines	0	0	0	0	0	0	0
Poland	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Russia	0	0	0	0	0	0	0
Rwanda	23	29	37	43	63	195	39
Samoa	0	0	0	0	0	0	0
São Tomé & Príncipe	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
Senegal	0	0	0	0	0	0	0
Serbia	0	0	0	0	0	0	0
Seychelles	205	119	55	58	69	506	101
Sierra Leone	10	14	17	21	27	89	18
Slovak Republic	0	0	0	0	0	0	0
Slovenia	0	0	0	0	0	0	0
Solomon Islands	0	0	0	0	0	0	0
Somalia	0	0	0	0	0	0	0
South Africa	0	0	0	0	0	0	0
Sri Lanka	0	0	0	0	0	0	0

**Table 17: Normalized Estimates of Trade Mispricing Model (NET), 2002-06\***

Countries	2002	2003	2004	2005	2006	Total IFF per country	Avg. IFF in IFF Yrs
St. Kitts	0	0	0	0	0	0	0
St. Lucia	0	0	0	0	0	0	0
St. Vincent & Grens.	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0
Suriname	0	0	0	0	0	0	0
Swaziland	0	0	0	0	0	0	0
Syrian Arab Republic	0	0	0	0	0	0	0
Tajikistan	0	0	0	0	0	0	0
Tanzania	0	0	0	0	0	0	0
Thailand	0	0	0	0	0	0	0
Timor-Leste	0	0	0	0	0	0	0
Togo	0	0	0	0	0	0	0
Tonga	0	0	0	0	0	0	0
Trinidad & Tobago	0	0	0	0	0	0	0
Tunisia	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0
Turkmenistan	0	0	0	0	0	0	0
Uganda	0	0	0	0	0	0	0
Ukraine	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Uruguay	0	0	0	0	0	0	0
Uzbekistan	0	0	0	0	0	0	0
Vanuatu	0	0	0	0	0	0	0
Venezuela, Rep. Bol.	0	0	0	0	0	0	0
Vietnam	0	0	0	0	0	0	0
Yemen, Republic Of	0	0	0	0	0	0	0
Zambia	-283	326	537	1289	139	2291	402
Zimbabwe	197	-2412	269	244	1726	2436	5

\*Normalization is a two stage process. At the first stage, only countries with at least three years of capital flight out of five years pass through filtration to the second stage. During second stage, only those countries where capital flight exceeds 10 percent of their exports (f.o.b) are selected and included in the table.

Source: IMF Balance Payment, International Finance Statistics, Direction of Trade Statistics, World Economic Outlook databases, as well as World Bank Global Development Finance database.

**Table 18: Non-Normalized Illicit Financial Flows, 2002-2006**

No	Country	Average WB CED	Average TM GER	Average GER+CED
1	China,P.R.: Mainland	56,032	233,520	289,552
2	Saudi Arabia	54,258	889	55,147
3	Mexico	4,476	41,680	46,156
4	Russia	32,025	6,663	38,688
5	Malaysia	12,243	19,027	31,271
6	India	4,578	22,726	27,304
7	Kuwait	21,040	168	21,208
8	Venezuela, Rep. Bol.	15,896	906	16,802
9	Indonesia	4,984	10,361	15,345
10	Philippines	2,894	12,154	15,048
11	Poland	13,762	304	14,066
12	Hungary	13,460	0	13,460
13	Argentina	12,099	941	13,040
14	Nigeria	9,112	3,401	12,513
15	Kazakhstan	11,734	364	12,098
16	Turkey	9,546	1,529	11,075
17	Ukraine	8,519	28	8,547
18	Brazil	6,808	1,598	8,407
19	Chile	6,961	1,212	8,173
20	Czech Republic	5,811	2,023	7,834
21	Belarus	469	7,217	7,686
22	Qatar	0	6,863	6,863
23	Egypt	5,064	1,772	6,836
24	South Africa	2,572	3,872	6,445
25	Thailand	1,695	4,607	6,302
26	Croatia	5,149	205	5,354
27	Syrian Arab Republic	1,270	2,956	4,226
28	Panama	1,367	2,703	4,070
29	Colombia	2,559	1,296	3,855
30	Romania	3,836	0	3,836
31	Slovak Republic	2,994	526	3,520
32	Costa Rica	94	3,229	3,323
33	Brunei Darussalam	3,299	5	3,305
34	Libya	3,164	35	3,199
35	Morocco	2,109	985	3,093
36	Pakistan	2,358	709	3,067
37	Israel	2,463	560	3,023
38	Azerbaijan, Rep. Of	640	2,194	2,834
39	Latvia	1,988	834	2,822
40	Angola	2,730	34	2,764
41	Uruguay	2,407	213	2,620
42	Bulgaria	1,974	518	2,492
43	Aruba	224	2,246	2,469
44	Bangladesh	1,689	654	2,344
45	Peru	1,308	919	2,227
46	Lebanon	1,953	158	2,111
47	Congo, Republic Of	1,072	987	2,060
48	Honduras	184	1,674	1,858
49	Oman	1,602	224	1,826
50	Dominican Republic	1,816	5	1,821
51	Tunisia	1,727	0	1,727
52	Bahrain, Kingdom Of	1,512	0	1,512
53	Lithuania	1,457	0	1,457

**Table 18: Non-Normalized Illicit Financial Flows, 2002-2006**

No	Country	Average WB CED	Average TM GER	Average GER+CED
54	Ecuador	818	550	1,368
55	Ethiopia	910	423	1,333
56	El Salvador	662	630	1,292
57	Guatemala	0	1,187	1,187
58	Gabon	996	35	1,031
59	Malta	543	471	1,014
60	Zambia	308	678	986
61	Cyprus	214	766	980
62	Bolivia	787	111	898
63	Vietnam	876	0	876
64	Paraguay	260	598	857
65	Cameroon	632	210	842
66	Jamaica	477	363	840
67	Sudan	740	90	830
68	Jordan	577	174	751
69	Zimbabwe	0	750	750
70	Yemen, Republic Of	180	560	740
71	Nicaragua	0	723	723
72	Namibia	688	0	688
73	Kenya	524	162	686
74	Tanzania	551	109	660
75	Mali	57	573	629
76	Myanmar	624	5	628
77	Estonia	0	610	610
78	Mozambique	397	207	604
79	Nepal	206	394	600
80	Botswana	597	0	597
81	Maldives	0	593	593
82	Georgia	55	472	527
83	Ghana	429	52	482
84	Macedonia, Fyr	173	284	457
85	Cambodia	75	382	457
86	Guinea	67	363	430
87	Turkmenistan	0	429	429
88	Mauritius	348	67	414
89	Mongolia	224	174	398
90	Armenia	194	204	397
91	Sri Lanka	358	0	358
92	Slovenia	312	44	356
93	Moldova	115	230	345
94	Madagascar	100	226	326
95	Barbados	0	307	307
96	Tajikistan	149	128	277
97	Papua New Guinea	247	23	270
98	Trinidad & Tobago	0	225	225
99	Uganda	178	39	217
100	Samoa	136	80	216
101	Algeria	0	203	203
102	Seychelles	82	110	192
103	St. Vincent & Grens.	10	180	190
104	Togo	49	118	167
105	Rwanda	62	105	167
106	Benin	120	43	163

**Table 18: Non-Normalized Illicit Financial Flows, 2002-2006**

No	Country	Average WB CED	Average TM GER	Average GER+CED
107	Swaziland	156	0	156
108	Iran, I.R. Of	0	145	145
109	Djibouti	82	38	119
110	Bahamas, The	0	117	117
111	Burundi	65	45	110
112	Lesotho	105	0	105
113	Mauritania	0	102	102
114	Kyrgyz Republic	86	16	101
115	Niger	71	30	101
116	Haiti	98	0	98
117	Fiji	81	13	94
118	Sierra Leone	69	22	92
119	Senegal	78	9	88
120	Albania	38	39	76
121	Bosnia & Herzegovina	0	71	71
122	Cape Verde	52	18	70
123	Somalia	0	63	63
124	Liberia	60	3	63
125	Burkina Faso	0	57	57
126	Gambia, The	52	3	56
127	Central African Rep.	0	51	51
128	Solomon Islands	27	21	49
129	Grenada	22	26	47
130	Dominica	34	2	36
131	Belize	34	1	35
132	Guyana	34	1	35
133	Guinea-Bissau	12	15	27
134	Vanuatu	9	3	12
135	St. Lucia	3	4	7
136	Suriname	0	5	5
137	Malawi	2	2	5
138	Congo, Dem. Rep. Of	0	5	5
139	Equatorial Guinea	0	4	4
140	St. Kitts	0	4	4
141	Afghanistan, I.R. Of	0	3	3
142	Comoros	0	3	3
143	Iraq	0	2	2
144	Tonga	0	1	1

*CED-GER country estimates that are zero are not listed in this table.*

*Source: Direction of Trade Statistics, Balance of Payments, International Finance Statistics databases of the IMF, as well as Global Development Finance database of the World Bank*

**Table 19: Normalized Illicit Financial Flows, 2002-2006**

No	Country	Average WB CED	Average TM GER	Average GER (10%) + CED (10%)
1	China,P.R.: Mainland	0	233,520	233,520
2	Saudi Arabia	54,258	0	54,258
3	Mexico	0	41,680	41,680
4	Russia	32,025	0	32,025
5	India	0	22,726	22,726
6	Kuwait	21,040	0	21,040
7	Malaysia	0	19,027	19,027
8	Venezuela, Rep. Bol.	15,896	0	15,896
9	Poland	13,762	0	13,762
10	Hungary	13,460	0	13,460
11	Philippines	0	12,154	12,154
12	Argentina	12,099	0	12,099
13	Kazakhstan	11,734	0	11,734
14	Indonesia	0	10,361	10,361
15	Turkey	9,546	0	9,546
16	Nigeria	9,112	0	9,112
17	Ukraine	8,519	0	8,519
18	Belarus	0	7,217	7,217
19	Chile	6,961	0	6,961
20	Egypt	5,064	1,772	6,836
21	Croatia	5,149	0	5,149
22	Panama	1,367	2,703	4,070
23	Romania	3,836	0	3,836
24	Brunei Darussalam	3,299	0	3,299
25	Costa Rica	0	3,229	3,229
26	Slovak Republic	2,994	0	2,994
27	Syrian Arab Republic	0	2,956	2,956
28	Latvia	1,988	834	2,822
29	Angola	2,730	0	2,730
30	Colombia	2,559	0	2,559
31	Aruba	224	2,246	2,469
32	Uruguay	2,407	0	2,407
33	Pakistan	2,358	0	2,358
34	Morocco	2,109	0	2,109
35	Congo, Republic Of	1,072	987	2,060
36	Bulgaria	1,974	0	1,974
37	Lebanon	1,953	0	1,953
38	Dominican Republic	1,816	0	1,816
39	Tunisia	1,727	0	1,727
40	Bangladesh	1,689	0	1,689
41	Honduras	0	1,674	1,674
42	Oman	1,602	0	1,602
43	Bahrain, Kingdom Of	1,512	0	1,512
44	Lithuania	1,457	0	1,457
45	El Salvador	662	630	1,292
46	Guatemala	0	1,187	1,187
47	Malta	543	471	1,014
48	Gabon	996	0	996
49	Paraguay	260	598	857
50	Jamaica	477	363	840
51	Bolivia	787	0	787
52	Cyprus	0	766	766

**Table 19: Normalized Illicit Financial Flows, 2002-2006**

No	Country	Average WB CED	Average TM GER	Average GER (10%) + CED (10%)
53	Zimbabwe	0	750	750
54	Sudan	740	0	740
55	Nicaragua	0	723	723
56	Namibia	688	0	688
57	Zambia	0	678	678
58	Azerbaijan, Rep. Of	640	0	640
59	Myanmar	624	0	624
60	Nepal	206	394	600
61	Botswana	597	0	597
62	Maldives	0	593	593
63	Jordan	577	0	577
64	Mali	0	573	573
65	Georgia	0	472	472
66	Macedonia, Fyr	173	284	457
67	Ethiopia	0	423	423
68	Armenia	194	204	397
69	Cambodia	0	382	382
70	Guinea	0	363	363
71	Moldova	115	230	345
72	Barbados	0	307	307
73	Tajikistan	149	128	277
74	Madagascar	0	226	226
75	Mongolia	224	0	224
76	Samoa	136	80	216
77	Mozambique	0	207	207
78	Seychelles	82	110	192
79	St. Vincent & Grens.	0	180	180
80	Uganda	178	0	178
81	Djibouti	82	38	119
82	Togo	0	118	118
83	Bahamas, The	0	117	117
84	Burundi	65	45	110
85	Rwanda	0	105	105
86	Lesotho	105	0	105
87	Sierra Leone	69	22	92
88	Kyrgyz Republic	86	0	86
89	Burkina Faso	0	57	57
90	Gambia, The	52	3	56
91	Central African Rep.	0	51	51
92	Belize	34	0	34
93	Guinea-Bissau	12	15	27
94	Grenada	0	26	26
95	Solomon Islands	0	21	21
96	Cape Verde	0	18	18
97	Vanuatu	9	3	12
98	St. Kitts	0	4	4
99	Comoros	0	3	3

*CED-GER country estimates that are zero are not listed in this table.*

*Source: Direction of Trade Statistics, Balance of Payments, International Finance Statistics databases of the IMF, as well as Global Development Finance database of the World Bank*

**Table 20. Illicit Financial Flows From Countries Not Included in Overall Average Normalized Estimates for 2002-2006**  
(in millions of US dollars)

Countries Normalized Out	Avg. 2002-2006 Non-normalized Illicit Flow		
	CED	GER	Total
Albania	38	39	77
Bosnia & Herzegovina	0	71	71
<b>Brazil</b>	<b>6,808</b>	<b>1,598</b>	<b>8,406</b>
<b>Czech Republic</b>	<b>5,811</b>	<b>2,023</b>	<b>7,834</b>
Dominica	34	2	36
Ecuador	818	550	1,368
Estonia	0	610	610
Fiji	81	13	94
Ghana	429	52	481
Guyana	34	1	35
Haiti	98	0	98
<b>Israel</b>	<b>2,463</b>	<b>560</b>	<b>3,023</b>
Kenya	524	162	686
<b>Libya</b>	<b>3,164</b>	<b>35</b>	<b>3,199</b>
Mauritius	348	67	415
Niger	71	30	101
Peru	1,308	919	2,227
Senegal	78	9	87
Slovenia	312	44	356
<b>South Africa</b>	<b>2,572</b>	<b>3,872</b>	<b>6,444</b>
Sri Lanka	358	0	358
St. Lucia	3	4	7
Suriname	0	5	5
Tanzania	551	109	660
<b>Thailand</b>	<b>1,695</b>	<b>4,607</b>	<b>6,302</b>
Tonga	0	1	1
Vietnam	876	0	876
Yemen, Republic Of	180	560	740
<b>Total</b>	<b>28,654</b>	<b>15,943</b>	<b>44,597</b>

Source: Global Financial Integrity (GFI) Staff Estimates.