



Selection of countries – International section

1. Selection principles

The purpose of the Logistics Perception Index is to be the first valid set of logistics perception indicators in a global scale. In order to maximize the number of authorized answers, we have created a specific methodology for selection of the countries that the respondents are asked to comment. The methodology bases on following four principles:

a) Trade statistics

Trade statistics are a natural starting point for selection of the countries to be answered for. It can well be expected that the respondents best know those countries with active trade relations. Trade statistics alone, however, would cause concentration of the answers on major trade flows leaving small and low income economies uncovered.

b) Income level

Countries vary greatly in trade behavior by the income level. The LPI methodology uses the World Bank classification of countries: 1) low income countries, 2) middle income countries and 3) high income countries.

c) Coastal country / landlock country

Countries' geographical position may be logistically favourable or unfavourable depending on whether a country has or does not have a direct access to sea ports. Low income countries with landlock geographical location especially seem to be in unfavourable position in terms of logistics efficiency.

d) Random selection

Random selection is used for middle income and high income countries to reach global coverage. For low income countries randomizing is not used but the selection is prefixed according to foreign trade statistics and coastal/landlock position.

2. Selection matrix

Table 1 presents the matrix how the countries (eight) are selected based on the country of work of the respondent. The taxonomy includes six rules depending on whether the respondent's country of work is:

- a low income country
- a middle income country
- a high income country
- a coastal country (and/or)
- a landlock country

Table 1: Six rules of selection of countries

	Respondent from: Low income countries	Respondent from: Middle income countries	Respondent from: High income countries
Respondent from: Coastal countries	5 most important Export partner countries + 3 most important Import partner countries	3 most important Export partner countries + The most important Import partner country + 4 countries randomly, one from each country group: a) Africa b) East Asia + Central Asia c) Latin America and d) Europe less Central Asia + OECD.	4 countries randomly out of one list of 5 most important Export partner countries and 5 most important Import partner countries
Respondent from: Landlock countries	4 most important Export partner countries + 2. most important Import partner countries + 2 landbridge countries	3 most important Export partner countries + 1 most important Import partner countries + 2 landbridge countries + 2 countries randomly, one from each country group: a) Africa + East Asia + Central Asia + Latin America and b) Europe less Central Asia + OECD.	+ 4 countries randomly , one from each country group: a) Africa b) East Asia + Central Asia c) Latin America and d) Europe less Central Asia + OECD.

a) Respondent from: Low Income Coastal Country

Respondents in this group are asked to comment (1) five most important export countries and (2) three most important import countries. No random selection is applied.

b) Respondent from: Low Income Landlock Country

Respondents in this group are asked to comment (1) four most important export partner countries, (2) two most important import partner countries and (3) two landbridge countries. No random selection is applied.

c) Respondent from Middle Income Coastal Country

Respondents in this group are asked to comment (1) three most important export partner countries, (2) the most important import country, and (3) four countries randomly, one from

each following country group: Africa, East Asia + Central Asia, Latin America and Europe less Central Asia + OECD countries.

d) Respondent from Middle Income Landlock Country

Respondents in this group are asked to comment (1) three most important export partner countries, (2) the most important import country, and (3) two Landbridge countries, (4) one country randomly from the following groups of countries: Africa + East Asia + Central Asia + Latin America and (5) one country randomly from the following groups of countries: Europe less Central Asia + OECD countries.

e) Respondent from High Income Country

Respondents in this group are asked to comment (1) four countries out of one list of five most important export countries and five most important import countries and (4) four countries randomly, one from each following country group: a) Africa, b) East Asia + Central Asia, c) Latin America, d) Europe less Central Asia + OECD.

3. Country lists

Respondent's Country	Respondent's LPI Group	Answer for country 1	Answer for country 2	Answer for country 3	Answer for country 4	Answer for country 5	Answer for country 6	Answer for country 7	Answer for country 8
Afghanistan	LL	Pakistan	India	Finland	Germany	Japan	South Korea	Iran	Uzbekistan
Albania	CM	Italy	Greece	Germany	Turkey	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Algeria	CM	Italy	France	United States	United States	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Angola	CL	United States	China	France	Taiwan, China	Belgium	Portugal	South Africa	Brazil
Argentina	CM	Brazil	United States	Chile	Germany	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Armenia	LM	Belgium	Israel	Russian Federation	United States	Turkey	Azerbaijan	RND:	RND: ECA+OCDE
Australia	H	RND: Australia	RND: Australia	RND: Australia	RND: Australia	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Austria	H	RND: Austria	RND: Austria	RND: Austria	RND: Austria	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Azerbaijan	LM	Italy	Germany	Czech Republic	Russian Federation	Armenia	Iran	RND:	RND: ECA+OCDE
Bangladesh	CL	United States	Germany	United Kingdom	France	Netherlands	India	China	Singapore
Belarus	LM	Russian Federation	Latvia	United Kingdom	Germany	Lithuania	Poland	RND:	RND: ECA+OCDE
Belgium	H	RND: Belgium	RND: Belgium	RND: Belgium	RND: Belgium	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Benin	CL	India	Nigeria	Italy	Indonesia	China	Netherlands	France	United Kingdom
Bolivia	LM	Brazil	Switzerland	United States	Argentina	Chile	Peru	RND:	RND: ECA+OCDE
Bosnia and Herzegovina	CM	Italy	Croatia	Germany	Slovenia	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Brazil	CM	United States	Germany	Netherlands	Argentina	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Bulgaria	CM	Italy	Germany	Turkey	Russian Federation	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Burkina Faso	LL	Singapore	Italy	Colombia	France	Togo	Belgium	Mali	Ghana
Burundi	LL	Germany	Kenya	Switzerland	United Kingdom	Belgium	Tanzania	Congo, Dem. Rep.	Rwanda
Buthan	LL	India	Bangladesh	Dominican Republic	United Kingdom	Japan	Germany	China	Myanmar
C.A.R.	LL	Belgium	Spain	Italy	France	Cameroon	United States	Sudan	Congo, Rep.
Cambodia	CL	United States	Germany	United Kingdom	Singapore	Japan	Thailand	China	Hong Kong, China
Cameroon	CL	Italy	Spain	France	Netherlands	United States	Belgium	Nigeria	Germany
Canada	H	RND: Canada	RND: Canada	RND: Canada	RND: Canada	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Chad	LL	Portugal	Germany	United States	France	Cameroon	Belgium	Nigeria	Niger
Chile	CM	United States	Japan	China	Argentina	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
China	CM	United States	Hong Kong, China	Japan	Taiwan, China	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Colombia	CM	United States	Venezuela	Germany	Mexico	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Comoros	CL	France	Germany	United States	Singapore	Netherlands	Kenya	South Africa	Japan
Congo, Dem. Rep.	LL	Belgium	United States	Zimbabwe	Finland	South Africa	France	Congo, Rep.	Angola
Congo, Rep.	CL	South Korea	Taiwan, China	China	United States	Germany	France	Italy	Belgium
Costa Rica	CM	United States	Netherlands	United Kingdom	Japan	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Croatia	CM	Italy	Bosnia and Herzegovina	Germany	Austria	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Czech Republic	LM	Germany	Slovak Republic	United Kingdom	Italy	Poland	Austria	RND:	RND: ECA+OCDE
Denmark	H	RND: Denmark	RND: Denmark	RND: Denmark	RND: Denmark	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Djibouti	CM	Somalia	Yemen	Pakistan	Saudi Arabia	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Dominican Republic	CM	United States	Canada	United Kingdom	Venezuela	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Egypt	CM	United States	Italy	United Kingdom	Germany	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
El Salvador	CM	United States	Honduras	Nicaragua	Mexico	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Eritrea	CL	Italy	Malaysia	Germany	Kenya	Denmark	Ukraine	United States	Saudi Arabia
Estonia	CM	Finland	Sweden	United Kingdom	Russian Federation	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Ethiopia	CL	United Kingdom	Djibouti	Germany	Italy	Japan	Saudi Arabia	Switzerland	China
Finland	H	RND: Finland	RND: Finland	RND: Finland	RND: Finland	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
France	H	RND: France	RND: France	RND: France	RND: France	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Gambia	CL	France	United Kingdom	Malaysia	Italy	South Africa	China	Senegal	Brazil

Respondent's Country	Respondent's LPI Group	Answer for country 1	Answer for country 2	Answer for country 3	Answer for country 4	Answer for country 5	Answer for country 6	Answer for country 7	Answer for country 8
Germany	H	RND: Germany	RND: Germany	RND: Germany	RND: Germany	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Ghana	CL	Netherlands	United Kingdom	United States	Germany	France	Nigeria	China	Italy
Greece	H	RND: Greece	RND: Greece	RND: Greece	RND: Greece	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Guinea	CL	South Korea	Spain	Belgium	United States	Ireland	France	Italy	China
Guinea-Bissau	CL	India	Thailand	Italy	Portugal	Denmark	Senegal	China	Netherlands
Guyana	CM	Canada	United States	United Kingdom	Italy	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Haiti	CL	United States	Dominican Republic	Canada	France	Germany	Japan	Brazil	Colombia
Honduras	CM	United States	El Salvador	Canada	Mexico	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Hong Kong, China	H	RND: Hong Kong, China	RND: Hong Kong, China	RND: Hong Kong, China	RND: Hong Kong, China	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Hungary	LM	Germany	Austria	United States	Italy	Romania	Slovak Republic	RND:	RND: ECA+OCDE
India	CL	United States	Hong Kong, China	Hong Kong, China	Germany	China	Singapore	Belgium	Nigeria
Indonesia	CM	Japan	United States	Singapore	China	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Iran	CM	Japan	China	Italy	Germany	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Ireland	H	RND: Ireland	RND: Ireland	RND: Ireland	RND: Ireland	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Israel	H	RND: Israel	RND: Israel	RND: Israel	RND: Israel	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Italy	H	RND: Italy	RND: Italy	RND: Italy	RND: Italy	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Jamaica	CM	United States	Canada	Norway	Japan	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Japan	H	RND: Japan	RND: Japan	RND: Japan	RND: Japan	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Jordan	CM	United States	India	Saudi Arabia	Germany	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Kazakhstan	LM	Russian Federation	China	Germany	United States	Uzbekistan	Mongolia	RND:	RND: ECA+OCDE
Kenya	CL	United Kingdom	Uganda	United States	Netherlands	Pakistan	United Arab Emirates	Saudi Arabia	South Africa
Kyrgyz Republic	LL	Switzerland	Russian Federation	United Arab Emirates	China	Kazakhstan	Uzbekistan	Tajikistan	Afghanistan
Laos, PDR	LL	Thailand	Vietnam	France	Germany	China	Singapore	Cambodia	Myanmar
Latvia	CM	United Kingdom	Sweden	Germany	Russian Federation	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Lesotho	LL	United States	Belgium	Canada	United Kingdom	Taiwan, China	Hong Kong, China	South Africa	Zimbabwe
Liberia	CL	Germany	France	Poland	Denmark	China	South Korea	Japan	Singapore
Lithuania	CM	United Kingdom	Russian Federation	Germany	Poland	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Madagascar	CL	France	United States	Netherlands	Germany	Japan	Hong Kong, China	Singapore	China
Malawi	LL	South Africa	United States	Germany	Egypt	India	United Kingdom	Mozambique	Zambia
Malaysia	CM	United States	Singapore	Japan	China	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Mali	LL	Thailand	Italy	India	Germany	France	Senegal	Mauritania	Guinea
Mauritania	CL	Italy	France	Spain	Germany	Belgium	Senegal	Japan	China
Mexico	CM	United States	Canada	Japan	China	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Moldova	LL	Russian Federation	Italy	Germany	Ukraine	Romania	Poland	Hungary	Belarus
Mongolia	LL	China	United States	Russian Federation	South Korea	Japan	Germany	Kazakhstan	Kyrgyz Republic
Morocco	CM	France	Spain	United Kingdom	Italy	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Mozambique	CL	Belgium	South Africa	Germany	Spain	Netherlands	Australia	France	United States
Myanmar	CL	Thailand	United States	India	China	Japan	Malaysia	Singapore	Taiwan, China
Nepal	LL	India	United States	Germany	United Kingdom	China	United Arab Emirates	Pakistan	Bhutan
Netherlands	H	RND: Netherlands	RND: Netherlands	RND: Netherlands	RND: Netherlands	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
New Zealand	H	RND: New Zealand	RND: New Zealand	RND: New Zealand	RND: New Zealand	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Nicaragua	CL	United States	El Salvador	Costa Rica	Honduras	Canada	Mexico	Venezuela	Japan
Niger	LL	France	Nigeria	Japan	Ghana	Germany	United States	Algeria	Chad
Nigeria	CL	France	Nigeria	Japan	Ghana	Belgium	United States	United Kingdom	China
Norway	H	RND: Norway	RND: Norway	RND: Norway	RND: Norway	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Pakistan	CL	United States	United Arab Emirates	United Kingdom	China	Germany	Japan	Saudi Arabia	Malaysia
Panama	CM	United States	Venezuela	Germany	Japan	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Papua New Guinea	CL	Australia	China	China	United States	Germany	Malaysia	Singapore	New Zealand
Paraguay	LM	Brazil	Argentina	Chile	United States	Bolivia	Peru	RND:	RND: ECA+OCDE
Peru	CM	United States	United Kingdom	China	Spain	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Philippines	CM	United States	Japan	Taiwan, China	Singapore	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Poland	CM	Germany	France	Italy	Russian Federation	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Portugal	H	RND: Portugal	RND: Portugal	RND: Portugal	RND: Portugal	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Romania	CM	Italy	Germany	France	Russian Federation	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Russian Federation	CM	Germany	China	Italy	Belarus	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Rwanda	LL	Indonesia	Hong Kong, China	Germany	China	Kenya	Belgium	Congo, Dem. Rep.	Tanzania
Sao Tome	CL	Netherlands	Canada	Germany	Spain	Belgium	Portugal	United States	United Kingdom
Saudi Arabia	CM	Japan	United States	South Korea	Germany	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Senegal	CL	India	France	Italy	Mali	Greece	Belgium	Nigeria	Thailand
SerbiaMontenegro	CM	Italy	Germany	Greece	Austria	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Sierra Leone	CL	Belgium	Germany	United Kingdom	United States	Italy	Denmark	China	Netherlands
Singapore	H	RND: Singapore	RND: Singapore	RND: Singapore	RND: Singapore	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Slovak Republic	LM	Germany	Czech Republic	Austria	Russian Federation	Poland	Hungary	RND:	RND: ECA+OCDE
Slovenia	H	RND: Slovenia	RND: Slovenia	RND: Slovenia	RND: Slovenia	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Solomon Islands	CL	Japan	China	South Korea	Philippines	Thailand	Australia	Singapore	New Zealand
Somalia	CL	United Arab Emirates	Yemen	Nigeria	India	Thailand	Djibouti	Kenya	Brazil
South Africa	CM	United Kingdom	United States	Germany	Japan	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
South Korea	H	RND: South Korea	RND: South Korea	RND: South Korea	RND: South Korea	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Spain	H	RND: Spain	RND: Spain	RND: Spain	RND: Spain	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Sri Lanka	CM	United States	United Kingdom	Belgium	India	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Sudan	CL	China	Japan	South Africa	Saudi Arabia	South Korea	United Kingdom	Germany	India
Sweden	H	RND: Sweden	RND: Sweden	RND: Sweden	RND: Sweden	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Switzerland	H	RND: Switzerland	RND: Switzerland	RND: Switzerland	RND: Switzerland	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Syria	CM	Germany	Italy	Turkey	China	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Taiwan	H	RND: Taiwan	RND: Taiwan	RND: Taiwan	RND: Taiwan	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Tajikistan	LL	Netherlands	Turkey	Russian Federation	Uzbekistan	Ukraine	Kazakhstan	Afghanistan	Pakistan
Tanzania	CL	United Kingdom	France	United States	India	Netherlands	South Africa	United Arab Emirates	China
Thailand	CM	United States	Japan	China	Singapore	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Timor-Leste	CL	Japan	United States	Singapore	South Korea	China	Malaysia	Australia	Thailand
Togo	CL	Ghana	Benin	Burkina Faso	Taiwan, China	Nigeria	Netherlands	France	China
Tunisia	CM	France	Italy	Germany	Spain	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Turkey	CM	Germany	United States	United Kingdom	Italy	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Uganda	LL	Switzerland	Kenya	Belgium	Netherlands	Japan	South Africa	Ethiopia	Sudan
Ukraine	CM	Russian Federation	Italy	Turkey	Germany	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
United Arab Emirates	H	RND: United Arab Emirates	RND: United Arab Emirates	RND: United Arab Emirates	RND: United Arab Emirates	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
United Kingdom	H	RND: United Kingdom	RND: United Kingdom	RND: United Kingdom	RND: United Kingdom	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
United States	H	RND: United States	RND: United States	RND: United States	RND: United States	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Uzbekistan	LL	Russian Federation	Italy	Tajikistan	South Korea	Germany	United States	Kazakhstan	Kyrgyz Republic
Venezuela	CM	United States	Canada	Dominican Republic	Colombia	RND: AF	RND: EA+CA	RND: LA	RND: ECA+OCDE
Vietnam	CL	United States	Japan	China	Australia	Germany	Singapore	Taiwan, China	Thailand
Yemen	CL	Thailand	India	China	South Korea	United States	Malaysia	United Arab Emirates	Saudi Arabia
Zambia	LL	United Kingdom	South Africa	Thailand	Japan	Zimbabwe	India	Angola	Mozambique
Zimbabwe	LL	China	South Africa	Germany	United Kingdom	Congo, Dem. Rep.	United States	Zambia	Mozambique