

## Exercise 3: World distribution game

### Factsheet for the world distribution game

Translated and adapted from “Bildung trifft Entwicklung“

[https://www.bildung-trifft-entwicklung.de/files/media/Dokumente/06\\_Materialien/1\\_Didaktische-Materialien/Zahlen-f%C3%BCr-das-Weltspiel-2020.pdf](https://www.bildung-trifft-entwicklung.de/files/media/Dokumente/06_Materialien/1_Didaktische-Materialien/Zahlen-f%C3%BCr-das-Weltspiel-2020.pdf) (last accessed 07 April 2021).

Figures for the world distribution game*							
Geographical surface <sup>i</sup>	Europe without Russia**	North America	South Am., incl. Central Am. + Carib.	Asia	Africa	Australia + Oceania	Total
km <sup>2</sup> in millions	5.95	21.77	20.54	49	30.3	8.56	136.12
In percent	4.4%	16.1%	15.2%	36%	22%	6.3%	100%

World population <sup>ii</sup>							
Continents	Population (2017) in millions	Percent	Number of participants				
			10	15	20	25	30
Europe incl. Russia**	747	9.6%	1	1	2	2	3
North America***	368	4.6%	0	1	1	1	1
South Am. (incl. Central Am. + Caribb.)	653	8.3%	1	1	2	2	3
Asia	4,641	60%	6	9	12	16	18
Africa	1,340	17%	2	3	3	4	4
Australia + Oceania	42	0.5%	0	0	0	0	0
Total	7,791	100.00%					

World income <sup>iii</sup>							
Continents	GNP in billion USD (Fair value 2018)	Percent	Number of participants				
			10	15	20	25	30
Europe incl. Russia	21,890	26.1%	3	4	5	7	8
North America	22,537	27%	3	4	5	7	8
South Am. (incl.	3,612	4.3%	0	1	1	1	1

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Central Am. + Caribb.)							
Asia	31,940	38%	4	5	8	9	11
Africa	2,273	2.7%	0	1	1	1	1
Australia + Oceania	1,606	1.9%	0	0	0	0	1
Total	83,858	100.00%					

<b>World energy consumption<sup>iv</sup> Primary energy consumption</b>							
Continents	oil equivalent in million tonnes (2018)	Percent	Number of participants				
			10	15	20	25	30
Europe incl. Russia	2,771	20%	2	2	4	5	6
North America	2,832	20.4%	2	3	4	5	6
South Am. (incl. Central Am. + Caribb.)	702	5.1%	0	1	1	1	2
Asia	6,866	49.5%	6	8	10	13	15
Africa	461	3.3%	0	1	1	1	1
Australia + Oceania	231	1.7%	0	0	0	0	1
Total	13,863	100.00%					

<b>World carbon dioxide emissions<sup>v</sup></b>							
Continents	CO2 emissions in MtCO2 (2018)	Percent	Number of participants				
			10	15	20	25	30
Europe incl. Russia*	7,338	19.8%	2	3	4	5	6
North America**	6,463	17.4%	2	3	3	4	5
South Am. (incl. Central Am. + Caribb.)	1,295	3.5%	0	0	1	1	1
Asia	20,082	54.2%	6	8	11	14	17
Africa	1,401	3.8%	0	1	1	1	1
Australia + Oceania	465	1.3%	0	0	0	0	0
Total	37,044	100.00%					
World	36,573****						

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Editors: Julia Hofmann (Bildung trifft Entwicklung Baden-Württemberg) and Dominik Pieper (Engagement Global – Bonn),  
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\* All figures are rounded for ease of use.

\*\*For the geographical classification of the continents, Russia was counted as part of Asia, since two thirds of the country is located on the Asian continent. Due to the cultural, economic and historical ties between Russia and Europe and the fact that approximately 94 percent of the Russian population lives in the European part of the country, this categorization was not applied to the other indicators.

\*\*\*Here, we ignored existing free trade agreements and close economic ties; thus, Mexico was not counted as part of North America, but as part of Central and South America. Apart from these exceptions, we have adhered to the geographical indications set by the United Nations.

\*\*\*\* The spread of 471 MtCO<sub>2</sub> between the sum of all continents and the total emissions results from figures of individual countries that cannot be clearly assigned.

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<sup>i</sup> Surface distribution of the world regions –World Statistics Pocketbook 2019 edition,  
<https://unstats.un.org/unsd/publications/pocket-book>, (06.07.2020)

<sup>ii</sup> <https://population.un.org/wpp/DataQuery> (20.03.2020)

<sup>iii</sup> <https://unstats.un.org/UNSD/snaama/downloads> (30.07.2020)

<sup>iv</sup> <https://www.bp.com/content/dam/bp/business-sites/en/global/corporate/pdfs/energy-economics/statistical-review/bp-stats-re-view-2019-full-report.pdf> (10.06.2020)

<sup>v</sup> [www.globalcarbonatlas.org/en/CO2-emissions](http://www.globalcarbonatlas.org/en/CO2-emissions) (20.03.2020)