

# Improving the distribution of asylum-seekers through a multi-criteria index

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## Online appendix

Table 1. The Gini coefficients of the asylum distribution based on the AMI over the 2013–17 period.

Year	Asylum-seekers	G <sub>GDP</sub>	G <sub>Population</sub>	G <sub>Territory</sub>	G <sub>AMI</sub>
2013	399,485	0.2121	0.4752	0.5574	1.2446
2014	595,525	0.4543	0.5159	0.6078	1.5780
2015	1,325,559	0.5707	0.6164	0.6610	1.8481
2016	1,235,107	0.5500	0.5953	0.7467	1.8920
2017	670,937	0.3905	0.4327	0.6216	1.4447

Source: Based on Eurostat (2018a; 2018b; 2018c) and World Bank (2018).

Table 2. Actual and fair shares of asylum-seekers based on different criteria and differences in 2017.

States	Actual share	Share based on the AMI after optimisation	Share based on the 2015 EC proposal	Differences	
	(1)	(2)	(3)	(1) – (2)	(1) – (3)
Austria	22,454	12,337	12,946	+10,117	+9,508
Belgium	14,037	11,795	15,920	+2,242	-1,883
Bulgaria	3,470	9,650	6,889	-6,180	-3,419
Croatia	882	5,469	4,354	-4,587	-3,472
Cyprus	4,475	1,096	1,021	+3,379	+3,454
Czech Republic	1,138	12,093	12,928	-10,955	-11,790
Denmark	3,125	7,476	8,398	-4,351	-5,273
Estonia	182	3,089	1,512	-2,907	-1,330
Finland	4,326	20,601	7,466	-16,275	-3,140
France	91,965	83,351	84,937	+8,614	+7,028
Germany	198,253	94,400	115,880	+103,853	+82,373
Greece	56,942	13,746	11,614	+43,196	+45,328
Hungary	3,113	11,298	10,699	-8,185	-7,586
Ireland	2,912	8,989	8,778	-6,077	-5,866
Italy	126,552	64,129	73,583	+62,423	+52,969
Latvia	355	4,375	2,111	-4,020	-1,756
Lithuania	522	5,173	3,279	-4,651	-2,757
Luxembourg	2,322	1,005	1,358	+1,317	+964
Malta	1,612	398	588	+1,214	+1,024
Netherlands	16,091	18,414	25,294	-2,323	-9,203
Norway	3,348	23,464	8,523	-20,116	-5,175
Poland	3,004	41,935	42,037	-38,931	-39,033
Portugal	1,013	11,999	11,832	-10,986	-10,819
Romania	4,701	24,607	20,749	-19,906	-16,048
Slovakia	148	6,346	6,239	-6,198	-6,091
Slovenia	1,437	2,556	2,476	-1,119	-1,039
Spain	30,443	61,362	55,429	-30,919	-24,986
Sweden	22,188	30,208	14,431	-8,020	+7,757
Switzerland	16,617	11,085	14,064	+5,532	+2,553
United Kingdom	33,310	68,491	85,603	-35,181	-52,293
<i>Total</i>	<i>670,937</i>	<i>670,937</i>	<i>670,937</i>	-	-

Source: Based on Eurostat (2018a; 2018b; 2018c; 2018d), World Bank (2018), and SECO (2018).

## Comments

- For each year, the  $G_{\text{GDP}}$ ,  $G_{\text{Population}}$  and  $G_{\text{Territory}}$  are calculated by ordering the EU/EFTA states on the variables ‘applicants per unit of GDP’, ‘applicants per unit of population’ and ‘applicants per unit of territory’, respectively.
- The  $G_{\text{GDP}}$  is based on the GDP in purchasing power standards (PPS), which eliminates differences in price levels between countries.
- The  $G_{\text{Population}}$  is based on the number of persons having their usual residence in a country on 1 January of the respective year.
- The  $G_{\text{Territory}}$  is based on the surface area (expressed in square kilometres). As alternative, the territory size could be measured by the land area, excluding areas under inland bodies of water and coastal waterways.
- Unemployment rates for the 2017 are based on Eurostat data. For Switzerland the unemployment measurement is based on data released by the State Secretariat for Economic Affairs (SECO).

## References

- Eurostat (2018a) Asylum statistics - Statistics Explained. Available from: [http://ec.europa.eu/eurostat/statistics-explained/index.php/Asylum\\_statistics](http://ec.europa.eu/eurostat/statistics-explained/index.php/Asylum_statistics) (accessed 27 July 2018).
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