

Classification of the quality of estimates (see also WP1)

I. High quality	II. Medium quality	III. Low quality	IV. Low quality with plausibility warning
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Abbreviations

IFR: Irregular Foreign Residents	IFW: Irregular Foreign Workers	Incl. EU: Estimate includes EU-citizens	FTE: Full-time equivalents	Abs.: Estimate of absolute numbers	Rel.: Estimate subgroup in % of total
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Groups	Definition	Year	Estimate			Main data source	Short explanation	Reference	
			minimum	central	maximum				
Total stocks of irregular foreign residents									
IFR – estimate 1	IFR	2007	10 000		20 000	expert survey	Academic expert estimate: based on migration expert estimates in the frame of panel discussion 2008 on illegal migration in the IDEA project	CLANDESTINO Hungary 2008	
IFR – estimate 2	IFR	2007	30 000		50 000	multiple sources	CLANDESTINO country expert estimate: based on existing estimates, particularly the above, police data and the estimates on Chinese irregular migrants	CLANDESTINO Hungary 2008	
Total stocks of irregular foreign workers									
IFW – estimate 1	IFW incl. EU	2006	50 000		200 000	expert survey	Scientific study estimate: estimates of migration experts in the framework of a Delphi study on irregular work, including short-term temporary work	Juhasz 2006	
Total stocks for specific cities or regions									
/									
Gender composition									
rel.	m	IFW	2008		80%	expert opinion	CLANDESTINO country expert estimate based on rough consideration, no closer explanation	CLANDESTINO Hungary 2008	
	f				20%				
Age composition									
abs.									
rel.1	Children	0-14	2007			8%	administrative data	CLANDESTINO country expert presented age composition of the foreign resident population as indicator for age composition of IFR, assessment as min/ max by HWWI	CLANDESTINO Hungary 2008 WP1 2008
	Youths/ adults	15-59			80%				
	Aged people	60+				12%			
rel.2	20-59	IFR	2008	76%		95%	multiple sources	CLANDESTINO country expert presented percentage of regular population as minimum estimate; maximum estimate as CLANDESTINO country expert opinion, taking the age composition of asylum seekers into account	CLANDESTINO Hungary 2008

Groups	Definition	Year	Estimate			Main data source	Short explanation	Reference	
			minimum	central	maximum				
Nationality composition									
abs. 1	China	IFR	2001		20 000		unknown	Chinese embassy expert estimate without explanation	Nyiri 2003
abs. 2	China	IFR	2008	15 000		25 000	multiple sources	CLANDESTINO country expert estimate, taking other estimates, police expert opinions and data indicators into account, no closer explanation	CLANDESTINO Hungary 2008
rel. 1	China	IFR	2004		41%		regularisation data	CLANDESTINO country expert presented data on applications under the regularisation programme of 2004 as indicator for nationality composition by countries, calculation of percentages by HWWI	CLANDESTINO Hungary 2008
	Vietnam				21%				
	Romania				14%				
	Syria				5%				
	Serbia-Montenegro-Yugoslavia				5%				
	Other				14%				
rel. 2	Europe, inc. Russia and Turkey	IFR	2004		30%		regularisation data	CLANDESTINO country expert presented data on applications under the regularisation programme of 2004 as indicator for nationality composition by continents, calculation of percentages by HWWI	CLANDESTINO Hungary 2008
	Asia				61%				
	Africa				8%				
	America				<1%				
	Other				/				
rel. 3	China	IFR	2007		50%		multiple sources	CLANDESTINO country expert estimate, taking police expert opinions and data indicators into account, no closer explanation	CLANDESTINO Hungary 2008
	Vietnam				10%				
	Other				40%				

Groups	Definition	Year	Estimate			Main data source	Short explanation	Reference		
			minimum	central	maximum					
Economic sector composition										
abs.	/									
rel.	Agriculture	IFW	2007		15%		enforcement data	CLANDESTINO country expert presented Labour Inspection data on illegally working foreigners as indicator for economic sector composition, assessment as max by HWWI	CLANDESTINO Hungary 2008 WP1 2008	
	Manufacturing				10%					
	Construction					65%				
	Trade				6%					
	Catering				4%					
	Other				/					
Other subgroups										
	/									

References

- CLANDESTINO Hungary (2008): Futo, Peter, Country report Hungary: Undocumented Migration Counting the Uncountable. Data and Trends across Europe, final version, November 2008.
- Juhász, Judit (2006): Migráció és feketemunka Európában - Migration and Irregular Work in Europe (MIGIWE). Zárótanulmány. Research Team leader: Judit Juhász.. Budapest, 2006. September. [Juhász J 2006] Migration and Irregular Work in Europe (MIGIWE) Research coordinator: Judit Juhász in cooperation with the Geographical institute of the Hungarian Academy of Sciences and Panta Rhei Social Research Co. Budapest 2006.
- Nyíri, Pal (2003): Chinese Migration to and through Hungary: Legal or Illegal? Humanities Center, Central European University, Budapest 2003. Manuscript. Research supported by the Economic and Social Research Council's grant no. L214252012.
- WP1 (2008): Vogel, Dita and Vesela Kovacheva, Classification report: Quality assessment of estimates on stocks of irregular migrants, Hamburg Institute of International Economics (HWWI), Database on Irregular Migration, Working paper No.1, http://www.irregular-migration.hwwi.net/Working_papers.6113.0.html.

Annotations

Total stocks of irregular foreign residents: [back to table](#)

IFR – estimate 1: Low quality as there is no sufficient documentation on the method of getting the estimates; estimate as result of a panel discussion with three experts (CLANDESTINO Hungary Report: 39).

IFR – estimate 2: Low quality due to a lack of sufficient explanation and documentation (CLANDESTINO Hungary Report: 37).

Total stocks of irregular foreign residents: [back to table](#)

IFW – estimate 1: Low quality due to inadequate method: A Delphi study with expert estimates is not adequate for getting valid indications of the size of irregular migrant work for the whole country (CLANDESTINO Hungary Report: 49).

Gender composition: [back to table](#)

Relative estimate: Low quality due to weak empirical basis; considerations based on flow data (CLANDESTINO Hungary Report: 40).



Age composition: [back to table](#)

Relative estimate 1: Low quality; for calculation and assessment logic, see WP1 (CLANDESTINO Hungary Report: page 68).

Relative estimate 2: Low quality as there is no closer explanation about the maximum estimate (CLANDESTINO Hungary Report: 40).

Nationality composition: [back to table](#)

Absolute estimate 1: Low quality due to a lack of documentation, mainly on applied method (CLANDESTINO Hungary Report: 42).

Absolute estimate 2: Low quality due to a lack of documentation, mainly how different forms of information were merged into one estimate (CLANDESTINO Hungary Report: 41).

Relative estimate 1: Low quality due to unclear bias (no information whether there are unequal likelihoods of being in the regularisation programme for different nationalities) (CLANDESTINO Hungary Report: 57).

Relative estimate 2: Low quality due to unclear bias (no information whether there are unequal likelihoods of being in the regularisation programme for different nationalities) (CLANDESTINO Hungary Report: 57).

Relative estimate 3: Low quality due to a lack of documentation, mainly how percentages were delivered (CLANDESTINO Hungary Report: 41).

Economic sector composition: [back to table](#)

Relative estimate: Low quality as not all sectors are included in the data; implies assumption that other sectors are irrelevant; there is no information on the degree of over- and underestimation; for calculation and assessment logic, see WP1 (CLANDESTINO Hungary Report: 108).

Comments on the table are welcomed by the HWWI-team: [Dita Vogel](#) and [Vesela Kovacheva](#).

Suggested quotation: HWWI (2009): Stocks of Irregular Migrants: Estimates for Hungary, last change October 2009, Hamburg Institute of International Economics (HWWI), Database on Irregular Migration.

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