INDEX OF TABLES AND FIGURES

TABLES	tives (the control group) and three immigrant
LABOUR MARKET	groups (per cent)
Table 1: Changes in employment rates between	Table 5.2: Perception of discrimination among
the first quarter of 2008 and the first quarter of	major labour market groups (per cent) 124
2009 (percentage points)	Table 5.3: Factors affecting discrimination per-
Table 2: Workers registering as job seekers after	ceptions (logistic regression) 126
being laid off as part of mass layoffs by region 23	Table 5.4: Factors explaining income differenc-
Table 3: Employment rate across various sub-	es among the active and the employed popula-
groups in the Visegrád countries, 2008 30	tions, least squares estimation 127
Table 4: Employment rates of 15–64 year-olds by	Table 5.5: Probability of discrimination by gen-
educational attainment, 2000–2008 32	der, ethnic origins, age and family status 129
IN FOCUS	Table 5.6: Outcome of telephone interviews by
Table 4.1: Data definitions and sources 101	applicant characteristics (per cent) 130
Table 4.2: Between-school segregation in towns/	Table 5.7: Outcome of telephone interviews by
cities and micro-regions, and between-class	applicant characteristics in 2009 (per cent) 131
segregation within schools. Average values of	Table 5.8: Outcome of interviews by applicant
the segregation indices (weighted by the total	ethnicity and gender in 2006 (per cent) 131
number of students). Hungary, 2006 105	Table F5.1: The scope and composition of the
Table 4.3: Average segregation indices (<i>S</i>) in cit-	three variables of discrimination perceptions,
ies, towns, and villages, 2006 106	18–62 year-olds
Table 4.4: Average segregation indices (<i>S</i>) in the	Table F5.2: Explanatory variables and values of
large regions of Hungary, 2006 106	the regression models analysing labour market
Table 4.5: Towns and cities where ethnic segregation	discrimination perceptions, with reference cat-
is the strongest ($S>0.3$) or virtually zero ($S<0.05$),	egories in brackets
by the major regions of Hungary, 2006 108	Table 6.1: Percentage of the employed among the
Table 4.6: The fraction (per cent) of students who	15–49 year-old Roma population between 1984
go to a more distant school in grade 8, by the	and 2003
educational attainment of the mother and the	Table 6.2: Percentage of pensioners among the
type of the village/town/city 110	Roma population below the retirement age (15–
Table 4.7: Summary statistics of variables used in	49 years) in 1993 and 2003
the regressions 112	Table 6.3: Comparative employment rates among
Table 4.8: Between-school segregation of Roma	the Roma population, by cohort in 2003 (per
and non-Roma students. Regression results 113	cent) (full-time students are excluded)
Table 4.9: Between-school segregation of disad-	Table 6.4: Distribution of the 20–39 year-old Roma
vantaged and non-disadvantaged students. Re-	population according to employment status in
gression results 113	2003, and distribution of the jobless subgroup ac-
Table 4.10: The association between school seg-	cording to previous employment status 141
regation and characteristics of the local school-	Table 6.5: Time of termination of last employ-
ing markets. Regression results for Hungarian	ment and the average duration of last employ-
towns and cities and American metropolitan	ment among the 20–39 year-old Roma popula-
areas 118	tion having a job history but not in employment
Table 5.1: Perceived experiences of discrimina-	at the time of the interview (February-March
tion in various "situations" among Budapest na-	2003)

Table 6.6: Nature of work at the time of observa-	Table 13: Number of claimants and spending on	
tion among the 15-49 year-old working Roma	stand-by allowance, July 2009 21	12
population 142	Table 14: Number of people employed and spend-	
Table 6.7: Annual government spending on the	ing on public works programmes, July 2009 21	13
various types of welfare employment schemes	Table 15: Discounts for employers in the Start	
and the number of participants (including those	schemes (from 01. 07. 2009.)	15
carried over from previous year) 144	Table 16: The number of workers employed with	
Table 6.8: Estimated number of Roma employed	Start Cards	16
in welfare employment schemes not specifically	Table 17: Workers employed with Start Plus	
targeting the Roma	Cards issued between 01. 01. 2009 and 30. 06.	
Table 6.9: Employment among the 15–74 year-old	2009 by gender and age (persons)	16
Roma population in 2003 (full-time students	Table 18: Workers employed with Start Extra	
excluded)	Cards issued between 01. 01. 2009 and 30. 06.	
Table 7.1: Regression results	2009 by gender, age and education (persons) 21	17
Table 7.2: The effect of competition on the ratio	STATISTICAL DATA	
of female workers	Table 1.1: Basic economic indicators	27
Table 8.1: Parameter estimates of the restricted	Table 2.1: Population	
model (hypothesis: relative productivity = rela-	Table 2.2: Population by age groups, in thousands . 22	
tive wage)	Table 2.3: Male population by age groups, in	
Table 8.2: Estimation results of the unrestricted	thousands	31
parameter model (hypothesis: relative produc-	Table 2.4: Female population by age groups, in	
tivity = relative wage)	thousands23	31
LEGAL	Table 3.1: Labour force participation of the popu-	
Table 1: Responses to the economic crisis in the	lation above 14 years23	32
member states of the EU, by April 2009 186	Table 3.2: Labour force participation of the pop-	
Table 2: EU member states according to ap-	ulation above 14 years, males	33
proaches to crisis management 188	Table 3.3: Labour force participation of the popu-	
Table 3: Examples of flexicurity policies applied	lation above 14 years, females 23	34
during the crisis	Table 3.4: Labour force participation of the pop-	
Table 4: Restricted path: changes to the IMF pro-	ulation above 14 years, per cent	35
gramme	Table 3.5: Labour force participation of the popu-	
Table 5: Summary table of the National Employ-	lation above 14 years, males, per cent 23	36
ment Fund's job protection schemes	Table 3.6: Labour force participation of the pop-	
Table 6: Participants in job protection schemes by	ulation above 14 years, females, per cent 23	37
size of business	Table 3.7: Population aged 15-64 by labour mar-	
Table 7: Total spending and number of partici-	ket status (self-categorised), in thousands 23	38
pants by type of subsidy 203	Table 3.8: Population aged 15-64 by labour mar-	
Table 8: Main characteristics of the NEF scheme	ket status (self-categorised), per cent	39
supporting the re-employment of redundant	Table 4.1: Employed	4 0
workers	Table 4.2: Employment by gender24	41
Table 9: Differences between the German and	Table 4.3: Composition of the employed by age	
Hungarian "short-time work" schemes intro-	groups, males, per cent 24	1 2
duced as a response to the crisis	Table 4.4: Composition of the employed by age	
Table 10: Eligibility for cash benefits for people of	groups, females, per cent 24	1 2
working age 211	Table 4.5: Composition of the employed by level	
Table 11: People claiming working-age benefits	of education, males, per cent 24	43
and participants in public works programmes,	Table 4.6: Composition of the employed by level	
national data, 1st half of 2009 211	of education, females, per cent 24	43
Table 12: Number of claimants and spending on	Table 4.7: Employed by employment status, in	
regular social allowance, July 2009 212	thousands 24	44

Table 4.8: Composition of the employed persons	Table 5.14: The number of registered unemployed
by employment status, per cent 244	who became employed on subsidised and non-
Table 4.9: Employees by industry, per cent 245	subsidised employment261
Table 4.10: Employees by industry, males, per	Table 5.15: Distribution of registered unem-
cent	ployed, unemployment benefit recipients and
Table 4.11: Employees by industry, females, per	unemployment assistance recipients by educa-
cent	tional attainment262
Table 4.12: Employed in their present job since	Table 5.16: The ratio of those who are employed
0–6 months	among the former participants of ALMPs, per
Table 4.13: Distribution of employees in the cor-	cent
porate sector by firm size, per cent 246	Table 5.17: Outflow from the Register 263
Table 4.14: Employees of the corporate sector by	Table 5.18: The distribution of the total number
the share of foreign ownership, per cent 247	of labour market training participants 264
Table 4.15: Employment rate of population aged	Table 5.19: Employment ratio of former partici-
15-74 by age group, males, per cent 248	pants of ALMPs by gender, age groups and ed-
Table 4.16: Employment rate of population aged	ucational attainment for the programmes fin-
15-74 by age group, females, per cent 248	ished in 2008, per cent
Table 4.17: Employment rate of population aged	Table 5.20: The distribution of the yearly number
15-64 by level of education, males, per cent 249	of labour market training participants, accord-
Table 4.18: Employment rate of population aged	ing to the type of traning, per cent
15-64 by level of education, females, per cent 250	Table 5.21: The distribution of those entering
Table 5.1: Unemployment rate by gender and per	into the training programmes by age groups and
cent of long term unemployed, per cent 251	educational level265
Table 5.2: Unemployment rate by level of educa-	Table 6.1: Nominal and real earnings 266
tion, males, per cent	Table 6.2: Gross average earnings by industries 267
Table 5.3: Composition of the unemployed by lev-	Table 6.3: Regression-adjusted earnings differen-
el of education, males, per cent	tials
Table 5.4: Unemployment rate by level of educa-	Table 6.4: Percentage of low paid workers by gender,
tion, females, per cent	age groups, level of education and industries 268
Table 5.5: Composition of the unemployed by lev-	Table 7.1: School leavers by level of education 271
el of education, females, per cent	Table 7.2: Pupils/students entering the school
Table 5.6: The number of unemployed by dura-	system by level of education
tion of job search, in thousands	Table 7.3: The number of full time pupils/stu-
Table 5.7: Registered unemployed and LFS unem-	dents by level of education
ployment	Table 7.4: The number of pupils/students not in
Table 5.8: Composition of the registered unem-	full time by level of education
ployed by educational attainment, yearly aver-	Table 7.5: Number of high school applicants, full
ages, per cent	time
Table 5.9: The distribution of registered unem-	Table 8.1: Registered vacancies
ployed school-leavers by educational attain-	Table 8.2: Firms intending to increase/decrease
ment, yearly averages, per cent	their staff, per cent
Table 5.10: Registered unemployed by economic	Table 9.1: Regional inequalities: Employment rate 277
activity as observed in the LFS, per cent	Table 9.2: Regional inequalities: LFS-based un-
Table 5.11: Selected time series of registered un-	employment rate
employment, yearly averages, in thousands and	Table 9.3: Regional inequalities: Registered un-
percent	employment rate, per cent
Table 5.12: Monthly entrants to the unemployment register, monthly averages, in thousands 260	Table 9.4: Annual average registered unemploy-
Table 5.13: Benefit recepients and participation in	ment rate by counties, per cent
active labour market programs	Table 9.5: Regional inequalities: Gross monthly
active labout market programs201	earnings

Table 9.6: Regression-adjusted earnings differen-	Table 10.19: Coverage of collective agreements by
tials	industry and gender based on the Labour Force
Table 9.7: Regional inequalities: Gross domestic	Survey (2004–2009, %)
product	Table 10.20: Presence of works (public servant)
Table 9.8: Commuting	councils by industries and gender. The share of
Table 10.1: Strikes	yes answers in workplaces employing more than
Table 10.2: National agreements on wage increase	50, 2001–2009
recommendations	Table 11.1: Family benefits
Table 10.3: Minimum wage, guaranteed wage	Table 11.2: Unemployment benefits and average
minimuma	earnings 300
Table 10.4: Single employer collective agreements	Table 11.3: Number of those receiving self-entitled
in the business sector, 1998–2008 285	pension, and the mean sum of the provisions they
Table 10.5: Single institution collective agree-	received in January of the given year 301
ments in the public sector by industry, 1998-	Table 11.4: Number of those receiving social an-
2008	nuities for people with damaged health, and the
Table 10.6: Collective agreements concluded by	mean sum of the provisions they received after
employers' organisations, in effect in October	the increase, in January of the given year 301
2009	Table 11.5: The number of those receiving a dis-
Table 10.7: Multi employer collective agreements	ability annuity and the mean sum of the provi-
in the business sector by industry, 1998–2008 288	sions they received after the increase, in January
Table 10.8: Multi-institution collective agree-	of the given year 301
ments in the public sector by industry, 1998-	Table 11.6: The median age for retirement and
2008	the number of pensioners, 2001–2008 302
Table 10.9: Shares of employees covered by collec-	Table 11.7: Newly determined disability pension
tive agreements by type and by industry, after	claims and detailed data on the number of new-
extension, 2001, per cent290	ly determined old-age pension claims 303
Table 10.10: Shares of employees covered by col-	Table 11.8: Retirement age threshold, men 304
lective agreements by type and by industry, after	Table 11.9: Retirement age threshold, women 305
extension, 2003, per cent	Table 12.1: Employment and unemployment rate
Table 10.11: Shares of employees covered by col-	of population aged 15–64 by gender in the EU-
lective agreements by type and by industry, after	15, EU-25 and EU-27, 2008
extension, 2005, per cent	Table 12.2: Employment composition, 2008 307
Table 10.12: Shares of employees covered by col-	FIGURES
lective agreements by type and by industry, after	LABOUR MARKET
extension, 2007, per cent	Figure 1: The development of real GDP in the
Table 10.13: The number of company wage agree-	Visegrád countries (percentage changes rela-
ments and the number of employees covered,	tive to the corresponding period in the previous
1998–2008	year) 17
Table 10.14: The number of multi-employer wage	Figure 2: Macroeconomic indicators in Hungary,
agreements, and the number of covered compa-	2001–2009
nies and employees, 1998–2008	Figure 3: Quarterly employment rates in the
Table 10.15: Unionization by industry and gender	Visegrád countries, population aged 15-64 19
(2001–2009, %)	Figure 4: Main labour market indicators,
Table 10.16: Unionization by age group and gen-	1999–2009
der (2001–2009, %)	Figure 5: Quarterly exit rate from employment,
Table 10.17: Unionization by major occupation	population aged 15–64
groups and gender (2001–2009, %)	Figure 6: Quarterly change in real output in
Table 10.18: Ratio of employees who believe there	selected sectors, 2006–2009
is a union functioning in their workplace by in-	Figure 7: Changes in employment in some major
dustry and gender (2001–2009, %)	sectors (Quarter 1 in 2005 = 100) 22

Figure 8: Number of registered subsidised and	Figure 4.5: The number of schools and the frac-
non-subsidised vacancies	tion of students who commute from outside the
Figure 9: Gross real wages in the public and the	school's admission area. (nonparametric regres-
private sectors, 2005–2009 (at Quarter 1, 2005	sions, Budapest excluded) 111
prices)	Figure 4.6: Ethnic segregation between Hungar-
Figure 10: Proportion of part-time employment,	ian primary schools, 1980 to 2006. The time se-
2005–2009	ries of the average segregation indices (S_i) de-
Figure 11: Real value of the total cost of employ-	fined over various geographic units 115
ment at the minimum wage, 1997-2009 28	Figure 4.7: The fraction of Roma students in the
Figure 12: The tax wedge at the minimum wage	primary schools of Hungary, 1980-2006 116
and the average wage in manufacturing, 2008-	Figure 5.1: Percentage of Roma perceiving dis-
2009 (per cent)	crimination when looking for paid work 122
Figure 13: Age structure of the Hungarian popu-	Figure 6.1: Employment rates among the Roma
lation	population by age and educational attainment,
Figure 14: Size of various (partially overlapping)	1984, 1989, 1993, 2003
non-working groups relative to the 15-64 year-	Figure 6.2: Evolution of employment between
old population from 2000 by quarter 35	1984 and 2003 among the generation aged 20-
Figure 15: Coverage and intensity of contact with	39 in 1984 (percentage of the cohort in employ-
the public employment services in 2005 and	ment in each year)
2008 in the Visegrád countries for the 15-64	Figure 6.3: The employment situation of the 15-
year-old non-employed population	49 year-old Roma population between 1984 and
Figure 16: Percentage of people moving from un-	2003 (persons taking early-retirement and full-
employment into employment or inactivity rela-	time students are excluded) 147
tive to the size of the unemployed population in	Figure 6.4: Employment among the at most pri-
the previous period; by quarterly periods, men	mary-school educated 15-49 year-old popula-
aged 15-64, 1999-2009	tion in Hungary between 1993 and 2003 (per-
Figure 17: The educational composition of the	sons in early retirement and full-time students
new unemployed population, 2005-2009 39	are excluded from the reference population) 149
Figure 18: The distribution of all unemploy-	Figure 7.1: The overall gender wage gap and the
ment registrations by educational attainment at	residual wage gap in Hungary, 1986–2003 155
monthly periods (per cent, total = 100) 39	Figure 7.2: Changes of the industrial concentra-
Figure 19: The distribution of unemployment reg-	tion ratio between 1989 and 1998 156
istration among new labour market entrants by	STATISTICAL DATA
educational attainment at monthly periods (per	Figure 1.1: Annual changes of basic economic in-
cent, total = 100)	dicators
IN FOCUS	Figure 1.2: Annual GDP time series 228
Figure 1.1: Types of observed labour market dif-	Figure 1.3: Employment rate of population aged
ferences	15–74
Figure 4.1: Roma – non-Roma segregation be-	Figure 2.1: Age structure of the Hungarian popu-
tween schools in the towns and cities of Hunga-	lation, 1980, 2009230
ry, 2006 107	Figure 3.1: Labour force participation of popula-
Figure 4.2: Disadvantaged – non-disadvantaged	tion at male 15-59 and female 15-54, total 235
segregation between schools in the towns and	Figure 3.2: Labour force participation of popula-
cities of Hungary, 2006 107	tion at male 15–59236
Figure 4.3: Roma – non-Roma segregation be-	Figure 3.3: Labour force participation of popula-
tween schools in the micro-regions of Hungary,	tion at female 15–54
2006	Figure 4.1: Employed
Figure 4.4: Disadvantaged – non-disadvantaged	Figure 4.2: Employment by gender 241
segregation between schools in the micro-re-	Figure 4.3: Employees of the corporate sector by
gions of Hungary, 2006 109	firm size and by the share of foreign ownership 247

Figure 4.4: Employment-age profiles, men aged 15–64, quarterly	Figure 6.4: Age-income profiles by education level in 1998 and 2008, women and men
Figure 5.1: Unemployment rates by gender 251	Figure 7.1: Full time studens as a percentage of
Figure 5.2: Quarterly flows between labour market status, population between 15–74 years 254	the different age groups
Figure 5.3: Unemployment-age profiles, men aged	level
15–59, quarterly	Figure 8.1: Number of registered vacancies 275
Figure 5.4: Unemployment-age profiles, women aged 15–59, quarterly	Figure 8.2: Firms intending to increase/decrease their staff
Figure 5.5: Registered and LFS unemployment rates	Figure 9.1: Regional inequalities: Labour force participation rates, gross monthly earnings and
Figure 5.6: Entrants to the unemployment register	gross domestic product in NUTS-2 level regions277
Figure 6.1: Change of gross earnings and real earnings	Figure 9.2: Regional inequalities: LFS-based unemployment rates in NUTS-2 level regions 278
Figure 6.2: The percentage of low paid workers by gender	Figure 9.3: Regional inequalities: Registered un- employment rate in NUTS-2 level regions 279
Figure 6.3: The dispersion of gross monthly earnings	Figure 9.4: Regional inequalities: Registered unemployment rates in the counties, 2008