European Integration Consortium IAB, CMR, fRDB, GEP, WIFO, wiiw

Labour mobility within the EU in the context of enlargement and the functioning of the transitional arrangements

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Country Study: Denmark

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Abstract

Denmark applied gentle transition rules on migration from the NMS in May 2004 and further eased the access to its labour market in 2006 and 2007. We summarise the available evidence on the extent, composition and effects of migration from the NMS to Denmark after 2004. While the inflows from the NMS increased substantially in 2006 and 2007 with respect to their initial levels, the share of the NMS workers in the Danish labour force remains relatively low. Most migrants come from Poland and the Baltic States, are relatively young and many are employed in the construction and agricultural sectors. There is no evidence that migration from the NMS has led to any imbalances on the Danish labour market. Instead, it has helped fill labour shortages and sustain economic growth. According to the revised (29 June 2007) agreement of the transitional scheme, Denmark will introduce the Community rule of free movement without restrictions in May 2009.

The views and opinions expressed in this publication are those of the authors and do not necessarily represent those of the European Commission.

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1. Macroeconomic and labour market developments in Denmark in 2004-2007

After a period of economic downturn in 2001-2003, GDP growth rates improved substantially in 2004-2007 (Figure 1), driven by higher demand for exports and private consumption (Table 1). Construction was the most rapidly developing sector of the economy, growing by 11 per cent in 2006. However, over the coming years, economic activity is expected to slow down again, as the demand for exports and private consumption weakens and construction activity contracts.

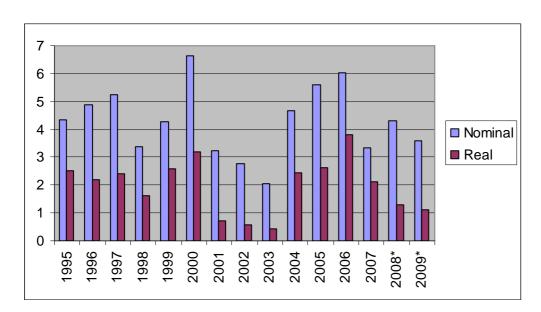


Figure 1: Danish GDP growth, in per cent

* Eurostat forecast

Source: Statistics Denmark, Eurostat

Table 1: Output and demand growth, in per cent

| 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008* | 2009* |
|-------------|---|--|---|--|---|---|--|--|
| -0.4 0.1 | 1.8 | -0.6 -3.1 | 2.4 | -1 -2.9 | -3.9 4.9 | -5.9 3.8 | | |
| -6.8 | -1.3 | 2.6 | -0.3 | 4.3 | 11.1 | 3.2 | | |
| 4.3 3.2 | 2.1 1.7 | 4.5 1.1 | -0.6 3.9 | 5.3 3.3 | 6.6 | 4.2 3.7 | | |
| 0.6 | 1.6 1.6 | 1.0 | -0.1 5.0 | 1.2 5.2 | 4.1 | 1 2.7 | 2.2 | 3.2 |
| | -0.4 0.1 3 -6.8 -1.2 4.3 3.2 0.6 | -0.4 1.8 0.1 -2.7 3 -6.1 -6.8 -1.3 -1.2 -0.5 4.3 2.1 3.2 1.7 0.6 1.6 0.1 1.6 | -0.4 1.8 -0.6 0.1 -2.7 -3.1 3 -6.1 -0.7 -6.8 -1.3 2.6 -1.2 -0.5 1.3 4.3 2.1 4.5 3.2 1.7 1.1 0.6 1.6 0 0.1 1.6 1.0 | -0.4 1.8 -0.6 2.4 0.1 -2.7 -3.1 1.6 3 -6.1 -0.7 0.7 -6.8 -1.3 2.6 -0.3 -1.2 -0.5 1.3 1.5 4.3 2.1 4.5 -0.6 3.2 1.7 1.1 3.9 0.6 1.6 0 -0.1 0.1 1.6 1.0 5.0 | -0.4 1.8 -0.6 2.4 -1 0.1 -2.7 -3.1 1.6 -2.9 3 -6.1 -0.7 0.7 -3.1 -6.8 -1.3 2.6 -0.3 4.3 -1.2 -0.5 1.3 1.5 3.8 4.3 2.1 4.5 -0.6 5.3 3.2 1.7 1.1 3.9 3.3 0.6 1.6 0 -0.1 1.2 0.1 1.6 1.0 5.0 5.2 | -0.4 1.8 -0.6 2.4 -1 -3.9 0.1 -2.7 -3.1 1.6 -2.9 4.9 3 -6.1 -0.7 0.7 -3.1 6.2 -6.8 -1.3 2.6 -0.3 4.3 11.1 -1.2 -0.5 1.3 1.5 3.8 1.4 4.3 2.1 4.5 -0.6 5.3 6.6 3.2 1.7 1.1 3.9 3.3 3.8 0.6 1.6 0 -0.1 1.2 2 0.1 1.6 1.0 5.0 5.2 4.1 | -0.4 1.8 -0.6 2.4 -1 -3.9 -5.9 0.1 -2.7 -3.1 1.6 -2.9 4.9 3.8 3 -6.1 -0.7 0.7 -3.1 6.2 -15.1 -6.8 -1.3 2.6 -0.3 4.3 11.1 3.2 -1.2 -0.5 1.3 1.5 3.8 1.4 3.3 4.3 2.1 4.5 -0.6 5.3 6.6 4.2 3.2 1.7 1.1 3.9 3.3 3.8 3.7 0.6 1.6 0 -0.1 1.2 2 1 0.1 1.6 1.0 5.0 5.2 4.1 2.7 | -0.4 1.8 -0.6 2.4 -1 -3.9 -5.9 0.1 -2.7 -3.1 1.6 -2.9 4.9 3.8 3 -6.1 -0.7 0.7 -3.1 6.2 -15.1 -6.8 -1.3 2.6 -0.3 4.3 11.1 3.2 -1.2 -0.5 1.3 1.5 3.8 1.4 3.3 4.3 2.1 4.5 -0.6 5.3 6.6 4.2 3.2 1.7 1.1 3.9 3.3 3.8 3.7 0.6 1.6 0 -0.1 1.2 2 1 0.1 1.6 1.0 5.0 5.2 4.1 2.7 |

^{*-} Eurostat forecast

Source: Statistics Denmark, Eurostat

Following increased economic growth in 2004-2007, labour market indicators also improved. Both the employment rate and the employment growth increased, and the rate of unemployment decreased to 3.8 per cent in 2007 (Table 2). Danish labour market indicators are among the best in the EU: the unemployment rate is the lowest (2.5-3.8 percentage points lower than the EU-15) and the employment rate is the highest (10-13 percentage points higher than the EU-15 average) in the EU. The employment indicators for the young and senior individuals, as well as those with less than upper secondary education are also well above the EU-15 average (Table 3). The strong performance of the Danish labour market is usually attributed to the "flexicurity" model, the two cornerstones of which are the flexibility for employers to hire and fire workers and security for employees in the form of generous unemployment benefits.

Foreigners' performance on the Danish labour market is below that of Danish nationals. In 2007, immigrants had a higher rate of unemployment (9.6 per cent vs. 3.5 per cent) as well as a lower economic activity and employment rates (see Table 4). The unemployment rates of immigrants, however, vary depending on the countries of origin (see Figure 2). Immigrants from non-Western countries¹ are more likely to be unemployed. The unemployment rate of the Polish and Romanian nationals (down to 9 per cent in 2005²) is 3-4 percentage points above that of Danish and other Western countries' nationals, but significantly smaller than the unemployment rates of migrants from non-Western countries. In addition, since the 2004 enlargement the unemployment rates of Polish and Romanian have been on the downward trend: the absolute number of the Polish (Romanian) unemployed decreased monotonically from 791 (146) in the third quarter of 2004 to 479 (81) in the fourth quarter of 2007 (Source: Statistics Denmark)

Western countries here are most European countries, USA, Canada, Australia, New Zealand and Japan.

² The unemployment *rates* by country of origin are available only till 2005.

Table 2: Labour market indicators in Denmark, 2000-2007

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Total employment, thousands | 2760.0 | 2785.3 | 2786.5 | 2755.8 | 2738.8 | 2762.5 | 2807.5 | 2857.8 |
| Employment growth, in % | 0.5 | 0.9 | 0.0 | -1.1 | -0.6 | 0.9 | 1.6 | 1.8 |
| Employment rate, in % | 76.3 | 76.2 | 75.9 | 75.1 | 75.7 | 75.9 | 77.4 | 77.1 |
| Unemployment rate, in % | 4.3 | 4.5 | 4.6 | 5.4 | 5.5 | 4.8 | 3.9 | 3.8 |

Source: Eurostat

Table 3: Labour market indicators by age group and education, 2007

| | | | Age group |) | Education | | | |
|---------|------------------------------|-------------------|-----------|------|--|---------------------------------|-----------------------|--|
| | | 15-24 25-54 55-64 | | | Less than upper secondary education | Upper secondary education | Tertiary education | |
| Denmark | Employment rate, in % | 65.3 | 86.3 | 58.6 | 64.2 | 81.8 | 87.6 | |
| | Economic activity rate, in % | 70.9 | 89 | 60.8 | 68.1 | 84.3 | 90.4 | |
| EU-15 | Employment rate, in % | 40.8 | 79.7 | 46.6 | 51.9 | 72.3 | 83.8 | |
| | Economic activity rate, in % | 47.9 | 84.9 | 49.3 | 58 | 77.5 | 87.4 | |

Source: Eurostat.

Table 4: Labour market indicators of foreigners and nationals in Denmark, 2007

| | Economic activity rate, in % | Employment rate, in % | Unemployment rate, in % |
|---|------------------------------|-----------------------|-------------------------|
| Nationals | 66.1 | 63.7 | 3.5 |
| Total foreigners | 59.5 | 53.8 | 9.6 |
| Citizens of countries outside the EU-27 | 56.3 | 49.7 | 11.6 |

Source: Eurostat

20 17.5 - Total 15 Western countries Non-western countries 12.5 Bosnia and Herzegovina Denmark 10 Poland Romania 7.5 Turkey 2.5 2000 Q2 2000 Q3 2000 Q4 2001 Q1 2001 Q2 2001 Q3 2002 Q3 2002 Q4 2003 Q4 2003 Q4 2003 Q4 2003 Q4 2003 Q4 2004 Q2 2004 Q4 2004 Q2 2004 Q4 2006 Q4 2006 Q4 2007 Q

Figure 2: Unemployment rates of foreign citizens in Denmark, in per cent, selected countries, 2000-2005

2. Institutional setting for labour migration from the NMS

With the EU enlargement from 1 May 2004, Denmark eased access to its labour market for citizens and companies from the East European EU Member States. With the so-called East Agreement (concluded by a majority of the Danish political parties) a transitional scheme was introduced. The scheme ensured that workers from the East European EU Member States could take a job in Denmark if they had a work permit. The objective of the transitional scheme was to ensure workers from the East European EU Member States the same salary and employment terms as their Danish colleagues in similar jobs.

The Danish transitional scheme was adjusted on 5 April 2006³. Among other things, companies covered by collective agreements were given the opportunity to obtain preapproval (advance approval) to employ workers from the East European EU Member States, so that the workers could commence work immediately and not pending case processing by the Danish Immigration Service. The parties to the East Agreement also decided that the transitional scheme should apply to workers from Bulgaria and Romania.

³ The revised versions of the East Agreement are available at http://www.bm.dk/sw7008.asp

The parties to the East Agreement agreed on 29 June 2007 that the requirements for workers from the NMS who wish to come to Denmark and work, would be softened again. In particular, all workers from the NMS which are covered by a collective agreement will be exempted from the requirement for a work permit. At the same time, the Agreement enhances supervision and monitoring to ensure that they are offered decent terms when working in Denmark.

According to the latest version (29 June 2007) of the East Agreement (available on the website of the Ministry of Employment of Denmark, http://www.bm.dk/sw7008.asp), the Danish government committed itself to apply the Community rule on free movement of workers from the NMS from 1 May 2009 ("the possibility for transitional rules ceases as of 1 May 2009").

3. Migration trends since 2003

3.1 Relevant data sources

The major source of data on work permits and employment patterns of the NMS-8 and NMS-2 migrants is the Danish Immigration Service (http://www.nyidanmark.dk/en-us/statistics/statistics.htm). A complementary source of data on migrants' stocks, flows, demographic and regional characteristics is Statistics Denmark (http://www.statbank.dk/statbank5a/default.asp?w=1024).

3.2 The extent of migration

Tables 5.1 and 5.2 report the stocks of the foreign citizens and the foreign-born in Denmark in 2001-2008. Overall, the number of foreign citizens rose by 27,279 between 2004 and 2008, increasing the share of the foreign nationals in the Danish population from 5.1 per cent to 5.8 per cent. At the same time, the number of the foreign-born increased by 40,863, raising the share of the foreign-born from 6.1 per cent in 2001 to 7.3 per cent in 2008⁴. At the beginning of 2008, the most important (in absolute terms) migrant groups (both by country of citizenship and birth) were from Turkey, former Yugoslavia, Iraq, the UK, Germany, Norway and Poland.

Both naturalizations and deaths of migrants affect the evolution of stocks by country of citizenship and country of birth. The number of naturalizations in 2004-2007 was 36,782 (Source: Statistics Sweden). The statistics on the number of deaths of the foreign-born and foreign citizens are not available.

Over 2004-2008, the stock of the NMS nationals almost doubled (from 11,785 to 25,011), but remained relatively small compared to the total population of Denmark (0.5 per cent of the total population in the beginning of 2008). In absolute terms, between 2004 and 2008, the stock of the NMS nationals increased by 13,231, and the stock of the NMS-born increased by 11,360.

The cumulative net immigration of the NMS nationals in 2004-2007 was 15,262 (Table 6). This is slightly higher that the increase in the stock of the NMS nationals and the NMS-born (Tables 5.1 and 5.2) because the former does not take into account naturalised citizens, and the latter accounts for the natural decrease (deaths) of previous migrant cohorts. Poland accounted for 58 per cent of total net inflows from the NMS-10 in 2004-2007, followed by Lithuania (13 per cent) and Romania (8 per cent).

Table 6 shows that immigration from practically all of the NMS, and especially Poland, kept increasing through the period 2004-2007. Particularly high inflows were observed in 2006 and 2007, which to a certain extent can be explained by the simplification of the NMS nationals' hiring procedure in May 2006 (introduction of advance approvals).

Over the period 2004-2007, the share of the NMS nationals in the total net inflows of foreign citizens constituted 26 per cent. As for other countries, the net inflows were the highest from Germany (11 per cent of total net migrant inflows), Ukraine (6 per cent) and China (5 per cent).

In 2004-2007, the proportion of net over total immigration inflows from the NMS was 62 per cent (Table 6), being considerably higher than the same indicator for the total foreign national population (43 per cent). The proportion of "stayers" was highest for Polish and Romanian migrants (73 per cent), while slightly less than a half of the migrants from the Baltic States (43-50 per cent) stayed in Denmark.

Table 5.1: Population by citizenship and year: stocks (on January 1)

| | 2001 | 2004 | 2005 | 2006 | 2007 | 2008 | Absolute change 2004 - 2008 |
|---|---------|---------|---------|---------|---------|---------|--------------------------------------|
| NMC 0 | | | | | | | |
| NMS-8 Estonia | 458 | 541 | 539 | 611 | 682 | 807 | + 266 |
| Latvia | 742 | | | | 1261 | 1531 | + 626 |
| Lithuania | 1221 | 1681 | | | | 3489 | + 1808 |
| Poland | 5548 | | | | | 13753 | + 7899 |
| Slovakia | 127 | | | | | 507 | + 343 |
| Slovenia | 51 | 57 | | | 102 | 135 | + 78 |
| Czech Republic | 225 | 298 | 368 | 405 | 487 | 566 | + 268 |
| Hungary | 391 | 463 | | | | | + 556 |
| NMS-2 | | | | | | | |
| Bulgaria | 408 | 493 | 536 | 572 | 583 | 823 | + 330 |
| Romania | 1106 | 1329 | 1405 | 1563 | 1672 | 2386 | + 1057 |
| Other countries | | | | | | | |
| Turkey | 35232 | 30273 | 29956 | 29491 | 28752 | 28843 | - 1430 |
| Former Yugoslavia | 34903 | 32643 | 28924 | 27627 | 26842 | 26876 | - 5767 |
| UK | 12630 | 12830 | 12827 | 12894 | 13183 | 13657 | + 827 |
| Norway | 12966 | 13770 | 13926 | 13928 | 14170 | 14426 | + 656 |
| Germany | 12701 | 13285 | 13552 | 14182 | 15435 | 18001 | + 4716 |
| Iraq | 13821 | 19423 | 19175 | 18721 | 18133 | 18314 | - 1109 |
| Total Denmark | 5090583 | 5126429 | 5143801 | 5157408 | 5168988 | 5177301 | |
| Total foreign citizens | 258629 | 271211 | 267604 | 270051 | 278096 | 298490 | + 27279 |
| Foreign citizens as % of total population | 5.08% | 5.29% | 5.20% | 5.24% | 5.38% | 5.77% | _ |
| Total NMS-10 cit. | 10277 | 11785 | 12703 | 14905 | 18458 | 25016 | + 13231 |
| NMS-10 citizens as % of total population | 0.20% | 0.23% | 0.25% | 0.29% | 0.36% | 0.48% | |
| NMS-10 citizens as % of foreign citizens | 3.97% | 4.35% | 4.75% | 5.52% | 6.64% | 8.38% | |

Table 5.2: Population by country of birth and year: stocks (on January 1)

| | 2001 | 2004 | 2005 | 2006 | 2007 | 2008 | Absolute change 2004 - 2008 |
|---------------------------------------|---------|---------|---------|---------|---------|---------|--------------------------------------|
| NMS-8 | | | | | | | |
| Estonia | 472 | 557 | 563 | 638 | 717 | 838 | + 281 |
| Latvia | 789 | 955 | 992 | | | | + 598 |
| Lithuania | 1237 | | | | | | + 1696 |
| Poland | 10391 | 10877 | | | | | + 7629 |
| Czech Republic | 232 | 301 | 369 | | | | + 265 |
| Slovakia | 132 | | 188 | | | | + 331 |
| Slovenia | 73 | 84 | 89 | 109 | 130 | 162 | + 78 |
| Hungary | 1352 | 1369 | 1413 | 1493 | 1590 | 1851 | + 482 |
| NMS-2 | | | | | | | |
| Bulgaria | 570 | 712 | 767 | 802 | 821 | 1063 | + 351 |
| Romania | 1842 | 2190 | 2284 | 2457 | 2580 | 3277 | + 1087 |
| Other countries | | | | | | | |
| Turkey | 29680 | 30887 | 30923 | 31008 | 31066 | 31433 | + 546 |
| Former Yugoslavia | 33506 | 34722 | 34553 | 34413 | 34418 | 35242 | + 520 |
| United Kingdom | 10536 | 10682 | 10707 | 10778 | 11060 | 11358 | + 676 |
| Germany | 22716 | 22484 | 22594 | 22971 | 23942 | 25827 | + 3343 |
| Norway | 13360 | 13862 | 14025 | 14054 | 14211 | 14292 | + 430 |
| Iraq | 15099 | 20701 | 20771 | 20716 | 20673 | 21181 | + 480 |
| Total Denmark | 5090583 | 5126429 | 5143801 | 5157408 | 5168988 | 5177301 | |
| Total foreign-born | 308674 | 337802 | 343367 | | | | + 40863 |
| Foreign-born as % of total population | 6.06% | 6.59% | | | | | 1 40003 |
| Total NMS-10 born. | 14678 | | | | | | + 11360 |
| NMS-10 born as % of total population | 0.29% | | | | | | |
| NMS-10 born as % of foreign born | 4.76% | 4.74% | | | | | |
| - | | | | | | | |

Table 6: Immigration and emigration of foreign citizens, by country of origin and destination

| | | I | mmigratio | on | | | E | Emigratio | n | | | Net | immigra | tion | | |
|-----------------------|----------|--------|-----------|--------|----------------|--------|----------|-----------|--------|---------------|--------|--------|---------|--------|---------------|---------------|
| | 2004 | 2005 | 2006 | 2007 | 2004 - 2007 | 2004 | 2005 | 2006 | 2007 | 2004- 2007 | 2004 | 2005 | 2006 | 2007 | 2004- 2007 | NetIm/ Im* |
| NMS-8 | | | | | | | | | | | | | | | | |
| Estonia | 152 | 168 | | 208 | 713 | 115 | 86 | 89 | 67 | 357 | 37 | 82 | 96 | 141 | 356 | 49.90% |
| Latvia | 352 | 415 | 485 | 513 | 1765 | 287 | 257 | 284 | 185 | 1013 | 65 | 158 | 201 | 328 | 752 | 42.60% |
| Lithuania | 899 | 1088 | 1364 | 1200 | 4551 | 581 | 594 | 752 | 588 | 2515 | 318 | 494 | 612 | 612 | 2036 | 44.70% |
| Poland | 1157 | 1984 | 3627 | 5484 | 12252 | 539 | 624 | 987 | 1210 | 3360 | 618 | 1360 | 2640 | 4274 | 8892 | 72.60% |
| Slovakia | 70 | 119 | 137 | 294 | 620 | 48 | 56 | 69 | 69 | 242 | 22 | 63 | 68 | 225 | 378 | 61.00% |
| Slovenia | 29 | 45 | 50 | 61 | 185 | 23 | 26 | 19 | 34 | 102 | 6 | 19 | 31 | 27 | 83 | 44.90% |
| Czech Republic | 214 | 227 | 235 | 265 | 941 | 121 | 157 | 118 | 127 | 523 | 93 | 70 | 117 | 138 | 418 | 44.40% |
| Hungary | 185 | 254 | 285 | 460 | 1184 | 96 | 138 | 154 | 126 | 514 | 89 | 116 | 131 | 334 | 670 | 56.60% |
| NMS-2 | | | | | | | | | | | | | | | | |
| Bulgaria | 129 | 100 | 89 | 297 | 615 | 58 | 49 | 56 | 44 | 207 | 71 | 51 | 33 | 253 | 408 | 66.30% |
| Romania | 249 | 326 | 317 | 861 | 1753 | 115 | 124 | 127 | 118 | 484 | 134 | 202 | 190 | 743 | 1269 | 72.40% |
| Other countries | | | | | | | | | | | | | | | | |
| Turkey | 488 | 426 | 470 | 643 | 2027 | 233 | 214 | 221 | 160 | 828 | 255 | 212 | 249 | 483 | 1199 | 59.20% |
| Former Yugoslavia | 587 | 424 | 457 | 553 | 2021 | 192 | 171 | 131 | 79 | 573 | 395 | 253 | 326 | 474 | 1448 | 71.60% |
| Germany | 1781 | 2187 | 2807 | 4128 | 10903 | 1078 | 1142 | 1264 | 1275 | 4759 | 703 | 1045 | 1543 | 2853 | 6144 | 56.40% |
| Ukraine | 775 | 1206 | 1644 | 2169 | 5794 | 443 | 551 | 717 | 685 | 2396 | 332 | 655 | 927 | 1484 | 3398 | 58.60% |
| Philippines | 434 | 507 | 775 | 1311 | 3027 | 58 | 71 | 121 | 144 | 394 | 376 | 436 | 654 | 1167 | 2633 | 87.00% |
| China | 1662 | 1553 | 1158 | 1320 | 5693 | 560 | 738 | 803 | 516 | 2617 | 1102 | 815 | 355 | 804 | 3076 | 54.00% |
| India | 571 | 678 | 753 | 1411 | 3413 | 218 | 275 | 373 | 354 | 1220 | 353 | 403 | 380 | 1057 | 2193 | 64.30% |
| Total migration of | | | | | | | | | | | | | | | | |
| foreign citizens | 27870 | 29989 | 34281 | 42623 | 134763 | 19081 | 19620 | 20447 | 17795 | 76943 | 8789 | 10369 | 13834 | 24828 | 57820 | 42.90% |
| Migration of citizens | _, , , , | | 5.251 | | | | | | 155 | | 0.00 | | | | 3. 0.0 | |
| from the NMS-10 | 3436 | 4726 | 6774 | 9643 | 24579 | 1983 | 2111 | 2655 | 2568 | 9317 | 1453 | 2615 | 4119 | 7075 | 15262 | 62.10% |
| NMS-10 migrants as % | | 20 | * | | | | _ | | | | 55 | 0 | | | - | 3=1=2.0 |
| of total migrants | | 15.80% | 19.80% | 22.60% | 18.20% | 10.40% | 10.80% | 13.00% | 14.40% | 12.10% | 16.50% | 25.20% | 29.80% | 28.50% | 26.40% | |

^{*}NetIm/Mig – the ratio of net immigration over total immigration

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Source: Statistics Denmark

9

3.3. Labour migration and demographic characteristics of migrants

Table 7 reports the number of work permits issued by the Danish Immigration Service to NMS nationals in 2004-2008. According to the transitional rules, workers from the NMS must obtain a new permit each time they change employment. From the statistics provided by the Danish Immigration Service it is, however, impossible to separate initial applications from the new permits of the same migrants, which makes the total number of work permits granted in 2004-2007 higher than the sum of migrant inflows over this period (31,146 versus 24,579⁵). 63 per cent of all work permits were received by the citizens of Poland.

Table 7: Number of work permits granted to persons from the new EU member States in accordance with the transitional rules by year

| | 2004 (May - December) | 2005 | 2006 | 2007 | 2004- 2007 | 2008 (January - April) |
|----------------|-----------------------------|------|-------|-------|---------------|------------------------------|
| Czech Republic | 48 | 69 | 93 | 87 | 297 | |
| Estonia . | 49 | 135 | 110 | 155 | 449 | |
| Hungary | 68 | 146 | 153 | 407 | 774 | |
| Latvia | 242 | 514 | 662 | 621 | 2039 | 133 |
| Lithuania | 833 | 1536 | 2005 | 1795 | 6169 | 296 |
| Poland | 806 | 2421 | 7072 | 9394 | 19693 | 2216 |
| Slovakia | 48 | 88 | 244 | 428 | 808 | 85 |
| Slovenia | 3 | 14 | 14 | 15 | 46 | |
| Romania | | | | 632 | 632 | 306 |
| Bulgaria | | | | 239 | 239 | |
| Total | 2097 | 4923 | 10353 | 13773 | 31146 | 3374 |

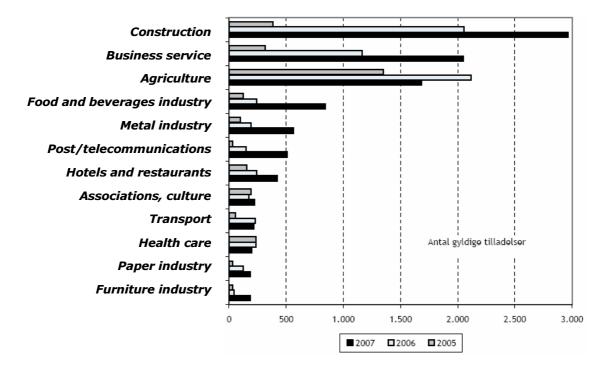
Source: Danish Immigration Service

Figure 3 shows that most of the migrants from the NMS are employed in the construction, agricultural activities and business services. The number of NMS migrants employed in the construction and business services (which besides accounting, book-keeping, legal activities, advertising etc. also include building-cleaning activities) sectors grew particularly strongly in 2006 and 2007, while employment in agriculture, relatively more important at the initial stage of the transition period, changed very little in 2005-2007.

Table 6. Note also that the immigration flows in Table 6 also include e.g. children of migrants to whom work permits statistics are not applicable.

Comparing employment by sector of the migrants from different NMS, Poles and Estonians are more likely than others to be employed in the construction sector (25 per cent of the Poles were employed there), and Latvians and Lithuanians are overrepresented in agriculture (Figure 4). Most of the NMS migrants who came to Denmark in 2004-2007 were relatively young (see Figure 5): 56 per cent were 20-29 years old and 19 per cent were 30-39 years old. Only 12 per cent of all migrants were 40 or older.

Figure 3: Valid permits at the end of the years 2005 - 2007 - by the most important sectors



Source: Danish Immigration Service

BG EE LVLT ///// PL RO SK SI CZ HU 0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100% ☐ Agriculture, gardening and forestry ■ Construction ☑ Business service ☐ Others

Figure 4: Work permits by sector and country, NMS-10, 2007

Source: Danish Immigration Service

The expansion of the construction sector (Table 2) and its increasing importance in the employment of the NMS migrants (Figure 3) was associated with a sharp decrease in the proportion of females in the total NMS migration flows (see Table 8). The share of females from Poland, the major migrant sending NMS, fell from 61 per cent in 2000-2003 to 33 per cent in 2004-2007.

Finally, Figure 6 shows that the majority of migrants from the NMS are concentrated in Copenhagen (50 per cent) and Copenhagen suburban areas (8 per cent). Jutland, the major agricultural region of Denmark, accounted for 26 per cent of the total net NMS inflows in 2006-2007.

Figure 5: Age distribution of the NMS-10 migrants (net migrant inflows in 2004-2007)

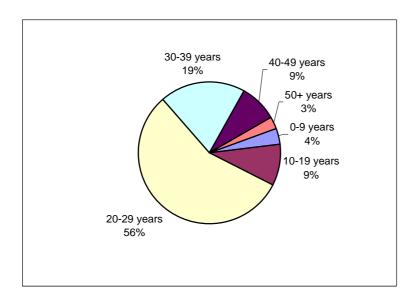


Table 8: The proportion of females in net immigrant flows, 2000-2007

| | 2000-2003 | 2004 | 2005 | 2006 | 2007 | 2004-2007 |
|----------------|-----------|------|------|------|------|-----------|
| | | | | | | _ |
| Bulgaria | 64% | 75% | 67% | 52% | 45% | 54% |
| Estonia | 91% | 43% | 73% | 69% | 43% | 57% |
| Latvia | 71% | 72% | 64% | 46% | 65% | 60% |
| Lithuania | 62% | 45% | 45% | 38% | 47% | 44% |
| Poland | 61% | 46% | 38% | 30% | 31% | 33% |
| Romania | 61% | 63% | 60% | 51% | 41% | 48% |
| Slovakia | 45% | 64% | 54% | 38% | 28% | 36% |
| Slovenia | 44% | 83% | 84% | 65% | 41% | 63% |
| Czech Republic | 48% | 49% | 60% | 52% | 57% | 55% |
| Hungary . | 58% | 45% | 52% | 53% | 50% | 50% |
| | | | | | | |

Source: Statistics Denmark

Copenhagen city Copenhagen surburban 50% North Zealand 4% Bornholm 2% West and South Zealand 1% Fvn 3% South Jutland Fast Jutland Other West Jutland 6% North Jutland 9%

Figure 6: Regional (NUTS-3) distribution of immigrants from NMS-10, net inflows of 2006-2007

4. The effects of migration from the NMS

There is very little empirical evidence on the economic and social effects of the migration from the NMS in Denmark. However, various reports by independent consultancies, ministries and social partners, on which the government's decision to soften the requirements for labour market access for the NMS nationals were based, recognised a positive contribution of labour inflows from the NMS for the Danish economy.

The Rambøll's report, published in November 2005, concluded that "the EU enlargement and the subsequent inflow of East European workers have not generally had any serious effect on the Danish labour market".

At the conference on EU labour mobility in May 2006⁶, the Danish Minister for Employment pointed to "a big need for extra hands in the building sector, in agriculture and in the health sector. Failure to find these extra hands will impede growth and prosperity. The enlargement of the European Union has spared us from many worries in this connection. Citizens from the new EU Member States who are working in Denmark have contributed to alleviating our bottleneck problems; the shortage of labour has diminished". Similar views were expressed by the Confederation of Danish Employers, adding that "the problem of Danish employers is

The conference materials are available at the website of the Ministry of Employment of Denmark http://www.bm.dk/sw11109.asp

that there are too few workers from the new Eastern European member states who find their way to the Danish labour market".

Dølvik and Eldring (2008) summarise the development of labour mobility from the new EU member states to the Nordic countries (Sweden, Denmark, Finland, Norway and Iceland) since the enlargement of the EU in 2004, and conclude that "the increasing labour mobility from Poland and the Baltic states has contributed to higher economic growth and slower increases in prices, costs and interest rates than what otherwise would have been possible in a period of sustained economic boom and increasing scarcity of labour in the Nordic countries. Labour migration has contributed to removing bottlenecks, and no significant imbalances in the Nordic labour markets have been registered".

5. Summary

Compared to the initial levels, immigration from the NMS increased substantially in 2006 and 2007. The stock of migrants from the NMS, however, remains relatively low with respect to the total population of Denmark. The majority of immigrants are relatively young individuals from Poland and the Baltic States, employed primarily in the construction, business services and agricultural sectors. As the construction sector expanded, the share of males in migrant inflows went up substantially in 2006 and 2007. There is no evidence that immigration from the NMS has led to imbalances on the Danish labour market. According to the revised (29 June 2007) agreement of the transitional scheme, Denmark will apply the full Community rule on free movement in 1 May 2009.

6. References

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