

## Rural development and labour supply challenges in the UK: the role of non-UK migrants

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**RURAL DEVELOPMENT AND LABOUR SUPPLY CHALLENGES  
IN THE UK: THE ROLE OF NON-UK MIGRANTS**

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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4 **ROLE OF NON-UK MIGRANTS**  
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## Abstract

Characteristic features of the demographic structure of rural areas in the UK include net out-migration of young adults and an older than average age profile. These features pose a labour supply challenge for rural areas. However, many rural areas are experiencing in-migration (from other parts of the UK and overseas) and there has been considerable policy emphasis on capturing the skills of migrants to enhance local economic development. To date, the role of non-UK migrants in rural areas has received relatively little attention. This paper discusses the impact of recent growth in the numbers of international migrants on the economy and labour market of rural areas and considers the opportunities and risks for rural development posed by increasing reliance on non-UK migrants in the workforce.

Key words: Migration (J61); Skills (J24); Labour market (R23); Rural Economic Development (R11)

### [MENACES POUR LE DEVELOPPEMENT RURAL ET L'OFFRE DE MAIN](#)

### [D'OEUVRE AU Royaume-Uni : LE ROLE DES MIGRANTS NON BRITANNIQUES](#)

[Anne E. Green, Maria de Hoyos, Paul Jones et David Owen](#)

### [Résumé](#)

[Les traits caractéristiques de la structure démographique des zones rurales au Royaume-Uni incluent un exode net des jeunes adultes et un profil d'âge plus vieux que la moyenne. Ces traits constituent un défi en matière de main-d'œuvre pour les zones rurales. Toutefois, de nombreuses zones rurales connaissent une migration \(d'autres régions du Royaume-Uni et de l'étranger\) et les politiciens ont mis l'accent sur la capture des compétences des migrants pour améliorer le développement économique local. À ce jour, le rôle des migrants non britanniques dans les zones rurales a suscité](#)

relativement peu d'attention. Cet article analyse l'impact de l'augmentation récente du nombre de migrants internationaux sur l'économie et sur le marché du travail dans les zones rurales et considère les opportunités et les risques pour le développement rural du fait d'une plus grande dépendance sur les migrants non britanniques dans la main-d'œuvre.

Mots-clés : migration, compétences, marché du travail, développement économique rural

JEL : J61, J24, R23, R11

### **Entwicklung ländlicher Gebiete und Arbeitskräfteknappheit in Großbritannien: die Rolle nichtbritischer Migranten**

Anne E. Green, Maria de Hoyos, Paul Jones and David Owen

#### **Abstract**

Zu den charakteristischen Merkmalen der demografischen Struktur der ländlichen Gebiete Großbritanniens gehören eine Nettoabwanderung junger Erwachsener sowie ein von überdurchschnittlich hohem Alter gekennzeichnetes Altersprofil. Diese Merkmale führen in ländlichen Gebieten zu Problemen hinsichtlich des Angebots an Arbeitskräften. Gleichzeitig jedoch ist in zahlreichen ländlichen Gebieten eine Einwanderung (von anderen Gebieten Großbritanniens sowie aus dem Ausland) zu verzeichnen, und seitens der Politik gab es beträchtliche Bemühungen, durch die Anwerbung von qualifizierten Migranten die lokale Wirtschaftsentwicklung zu verbessern. Die Rolle nichtbritischer Migranten in ländlichen Gebieten wurde bisher nur relativ wenig beachtet. In diesem Beitrag untersuchen wir die Auswirkungen des jüngsten Anstiegs der Anzahl ausländischer Einwanderer auf die Wirtschaft und den Arbeitsmarkt in ländlichen Gebieten und erörtern die Chancen und Risiken, die sich durch die zunehmende Abhängigkeit von der Arbeitskraft nichtbritischer Migranten für die Entwicklung ländlicher Gebiete ergeben.

#### **Key words:**

Migration

Qualifikation

Arbeitsmarkt

Wirtschaftsentwicklung in ländlichen Gebieten

JEL: J61, J24, R23, R11

Desarrollo rural y retos del suministro laboral en el Reino Unido: el papel de los emigrantes no británicos

Anne E. Green, Maria de Hoyos, Paul Jones and David Owen

#### **Abstract**

Algunos de los rasgos característicos de la estructura demográfica de zonas rurales en el Reino Unido son la emigración neta de jóvenes adultos y un perfil de edad más viejo que la media. En zonas rurales estos rasgos se traducen en problemas para la oferta

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[de mano de obra. Sin embargo, muchas zonas rurales están experimentando una inmigración \(de otras partes del Reino Unido y de ultramar\) y se ha puesto especial énfasis político en captar las habilidades de los emigrantes para mejorar el desarrollo económico local. Hasta ahora, se ha prestado relativamente poca atención al papel de los emigrantes de origen no británico en zonas rurales. En este artículo estudiamos el efecto del reciente crecimiento del número de emigrantes internacionales en la economía y el mercado laboral de zonas rurales y analizamos las oportunidades y los riesgos para el desarrollo rural que representa una mayor dependencia de los emigrantes no británicos en la población activa.](#)

Key words:

[Migración](#)

[Habilidades](#)

[Mercado de trabajo](#)

[Desarrollo económico rural](#)

[JEL: J61, J24, R23, R11](#)

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## Introduction

The workforce in rural areas is ageing faster than in urban areas and typically there is out-migration of young people to urban areas. Those who leave rural areas for higher education are faced with a narrower range and smaller number of knowledge-intensive employment opportunities should they wish to return than are available in metropolitan areas. Many employers in rural areas compete in low value added markets, provide relatively low wages and demand relatively low skills. The term a 'low skills equilibrium' has been used to describe this situation in which an economy is unable to break out of a vicious circle out and achieve higher rates of productivity growth and economic development (WILSON AND HOGARTH, 2003). These typical features pose both an economic development and a labour supply challenge to rural areas. This paper investigates whether changed international migration patterns may present a solution.

One key feature of the processes of globalisation and economic restructuring altering local economic development prospects and development trajectories across advanced economies of the world is the increase in international migration. Until recently much of the academic and policy debate on international migration has been focused on 'world cities' and other urban centres as gateways for international migrants. There has been a relative neglect of international migration flows in the context of rural areas until very recently (COMMISSION FOR RURAL COMMUNITIES, 2007), with a partial exception in relation to their inclusion in seasonal flows in agriculture (BALL, 1987), including as working holidaymakers (HANSON and BELL, 2005). This is despite considerable academic analysis and policy debate on counter-urbanisation in advanced economies,

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2 where the emphasis has been on internal urban-rural flows and on the characteristics of  
3 migration flows by age (and other characteristics).  
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8 In the UK, as elsewhere in Europe, southern Africa, North America and Australasia, the  
9 economic and labour market impacts of international migrants have risen up the policy  
10 agenda and are prominent in political and popular debate. In recent years immigration  
11 has been running at historically high levels and the UK has gained population at an  
12 increasing rate due to net immigration; net international migration accounted for 246.2  
13 thousand of the 375.1 thousand increase in the UK population between 2004 and 2005  
14 (OFFICE FOR NATIONAL STATISTICS, 2007). Immigration increased steadily during  
15 the 1990s and from the mid 1990s asylum flows became a major component of  
16 immigration, peaking in the early years of the 21<sup>st</sup> century. Asylum seekers were  
17 spatially concentrated in London and parts of south-eastern England initially, but to  
18 relieve the pressure on these areas a dispersal regime was put in place. Urban areas in  
19 northern Britain and the midlands contained the main receiving 'cluster' areas for asylum  
20 seekers supported by the National Asylum Seeker Support Service. Rural areas tended  
21 not to have a large enough volume of spare housing or a sufficiently developed service  
22 infrastructure to take large numbers of asylum seekers. Nevertheless, 'gangmasters' are  
23 reported to have provided asylum seekers (transporting them long distances from the  
24 cities) as cheap labour for rural employers (MERCIA RESEARCH AND STRATEGY,  
25 2006). In the light of concerns that economic migrants were using the asylum system as  
26 a means of entry to the UK labour market, in July 2002 the right of asylum seekers to  
27 work legally was curtailed (GREEN, 2006a). This illustrates the importance of the  
28 legislative and policy context in any consideration of the role of non-UK migrants in the  
29 labour market. Here it is salient to note that the UK government espouses a 'managed  
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2 migration policy', which makes explicit recognition of the potential role for migration in  
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4 addressing labour market deficiencies, while at the same time viewing migration as a  
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6 solution for replacing workers who are retiring and who are not being replaced at the  
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8 younger end of the workforce due to falling birth rates (STANFIELD *et al.*, 2004).  
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12 A further increasingly powerful force behind migration to the UK has been economic  
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14 integration in the EU and the steady reduction in barriers to the free movement of labour  
15  
16 and capital. The expansion of the EU in 2004, and the fact that the UK was one of only  
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18 three member states (alongside Sweden and Ireland) that chose not to impose large  
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20 scale restrictions on so-called 'Accession 8' (A8) migrants from the new central and  
21  
22 eastern European Accession countries, but instead regulated their access to the labour  
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24 market via the Worker Registration Scheme (WRS), led to much greater than expected  
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26 numbers of migrants from 'new' EU member states in central and eastern Europe  
27  
28 coming to the UK since 2004. Subsequently, when Bulgaria and Romania (so-called  
29  
30 'Accession 2' [A2] countries) joined the EU in 2007 the UK imposed greater restrictions  
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32 on migrants from these two countries. Indeed, the scale of recent immigration is such  
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34 that SALT and MILLAR (2006) have identified Poles as the largest ever single national  
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36 group of entrants that the British Isles has ever experienced. Three issues concerning  
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38 this most recent influx of international migrants since 2004 are of particular relevance for  
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40 this paper: first, the scale and character of the recent in-flows; secondly, the fact that they  
41  
42 represent a 'shock' to the labour market (RILEY and WEALE, 2006); and thirdly, that  
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44 they display a spatial distribution favouring rural areas to a greater degree than previous  
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46 migration streams (STENNING ET AL., 2006; GREEN ET AL., 2007; BAUERE ET AL.,  
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48 2007).<sup>1</sup>  
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2 This paper considers the role of international migrants in the economy and labour market  
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4 of rural areas in the eastern parts of England. As such it addresses a relatively neglected  
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6 area of rural economic development, labour market and migration research. It draws on  
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8 secondary data analysis and on findings of primary research with employers, migrants  
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10 and stakeholders. It considers the challenges inherent in making best use of migrants'  
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12 skills to enhance rural development trajectories and then discusses the opportunities and  
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14 risks for rural development in the medium- and longer-term posed by an increasing  
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16 reliance on non-UK migrants in the workforce. It does not discuss the detailed dynamics  
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18 of migration streams, consider the role of social and cultural networks in shaping  
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20 migration flows and in migrant integration, or address the issue of illegal migration/  
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22 working. These are important issues, but are beyond the scope of this paper. Although  
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24 this paper has a UK focus and different states have different regulatory and institutional  
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26 frameworks for migration, the generic issues raised regarding labour supply challenges,  
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28 labour market impacts of migrants and rural economic development are of broader  
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30 international relevance – for example, for Mexican immigration to the US and for  
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32 migration from northern Africa to Spain, as well as labour migration from central and  
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34 eastern Europe to other parts of the EU.

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37 The remainder of the paper is organised into four substantive sections. In the next  
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39 section labour supply and economic development challenges facing rural areas are  
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41 outlined in more detail for contextual purposes. First, the demographic context and  
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43 implications for labour supply are considered; secondly, the changing structure of rural  
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45 economies is outlined; and thirdly, a taxonomy of labour supply and demand interactions  
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47 in tight labour markets is presented in order to illustrate the nature of prevailing  
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49 challenges and the role that migration might play in addressing them. This is a useful  
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2 precursor to a focus on the role of non-UK (i.e. international) migrants in the labour  
3 market in the following section. Here the estimates of the volume of non-UK migrants  
4 are presented, the role of migration in addressing labour shortages and skill deficiencies  
5 is discussed, evidence on the scale and character of recent migration flows by industry  
6 and occupation from available secondary sources is outlined and the labour market  
7 impacts of migrants are assessed. The next section addresses issues relating to making  
8 best use of migrants' skills, giving consideration to the perspectives of employers,  
9 migrants, labour market intermediaries and public service providers. The paper  
10 concludes with an assessment of the role of non-UK migrants in rural labour markets  
11 drawing on the evidence presented from eastern England and associated implications for  
12 economic development and labour market policy.  
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## 26 **Labour supply and economic development challenges facing rural areas**

### 27 *The demographic context and implications for labour supply*

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30 Demographic ageing is one of the foremost challenges facing developed economies  
31 (OECD, 2006). As societies move through the demographic transition, fertility rates  
32 decline (as child mortality rates fall), and life expectancy increases, so acting in opposite  
33 directions to increase the share of older people in the total population. The pace and  
34 scale varies between countries and there are also important variations within countries at  
35 the sub-national scale. Often inter-regional variations in demographic structure are less  
36 pronounced than intra-regional variations between urban and rural areas. Rural areas  
37 are typically characterised by out-migration of younger people, and have been so for  
38 many years. With the change in the character of the youth labour market and increasing  
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2 participation in post-compulsory education and training, a larger share of young people  
3 than formerly are leaving rural areas to take up opportunities for further and higher  
4 education in cities. As noted by CHAMPION and SHEPHERD (2006) in recent years the  
5 demographic effects of the exodus of young people from rural areas have been  
6 exacerbated by counter-urbanisation flows of retirees and middle-aged people, which  
7 have led to population growth in rural areas. Moreover, as noted above, traditionally  
8 international migrants (characterised by a younger than average age profile) have tended  
9 to be attracted to larger cities, so further exacerbating age structure differentials between  
10 urban and rural areas.  
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22 The rural exodus of young people has led to policy concerns about the quantity and  
23 quality of labour market entrants in rural areas. Out-migration reduces the numbers of  
24 new entrants to the labour market. Moreover, it is the more ambitious and more qualified  
25 young people who are most likely to leave rural areas, leading to an export of skills. This  
26 is especially so given recent increases in participation rates in higher education, which  
27 are approaching 50% of the cohort, and the fact that many young people will not return  
28 on a permanent basis. Retirees and those in the immediate pre-retirement categories  
29 tend to represent only a small net addition to the labour supply. Those in the middle age  
30 groups do represent a net addition to the labour supply, but some of these in-migrants to  
31 accessible rural areas continue to commute to jobs elsewhere. In more remote and  
32 coastal labour markets, seasonal employment and the net in-migration of older people  
33 (often with significant care needs) can create a situation of a high dependency rate and  
34 low employment rate, with a lack of good employment opportunities and a relatively  
35 immobile and poorly qualified resident population of working age (BEATTY AND  
36 FOTHERGILL, 2003). There is increased recognition of, and considerable interest, in  
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2 maximising the contribution of in-migrants to the rural economy (COUNTRYSIDE  
3 AGENCY, 2003). However, ongoing changes in the demographic profile of rural areas  
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6 have raised considerable concern about the volume and character of labour supply.  
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#### 10 *The labour market context*

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14 As noted by WARD (2006), local economic conditions in rural areas are the outcome of  
15 local, national and international processes. Since the 1970s these processes have  
16 contributed to a continuing marked transformation in the sectoral structure of  
17 employment. Traditional industries, especially manufacturing, mining and agriculture,  
18 have undergone large job losses. Other industries, most notably in the service sector –  
19 including financial & business services, distribution, hotels & catering, education and  
20 health - have experienced job gains (WILSON *et al.*, 2006). Sectoral differentials in  
21 employment structures over space have become less pronounced, such that rural  
22 economies now have a similar sectoral structure to urban ones (COUNTRYSIDE  
23 AGENCY, 2003).  
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35 Transformation in the sectoral composition of employment has had implications for the  
36 occupational and skills profile of employment. Changes in occupational structure within  
37 industries have tended to operate in the same direction. The general picture has been  
38 one of rapid growth in numbers and shares of managerial, professional and associate  
39 professional occupations associated with higher level qualifications. Employment has  
40 grown in personal service and sales & customer service occupations also, while for  
41 skilled trades, operatives and elementary occupations (i.e. manual workers) the picture is  
42 one of decline (GREEN and OWEN, 2006). Despite the 'professionalisation' of the  
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2 employment structure, a substantial number of jobs remain at the bottom end of the  
3 labour market with limited skill requirements – especially in peripheral rural areas, where  
4 the knowledge economy is relatively ‘shallow’ (HEPWORTH *et al.*, 2004). Moreover, the  
5 nature of ‘churn’ at the lower end of the labour market, coupled with a lower job density in  
6 rural than in urban areas leading to more restricted job choice and constraints on  
7 opportunities for progression, is such that a preponderance of low skill, low value  
8 employment is available in some rural areas.  
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18 Until recently, the main emphasis of labour market policy has been on challenges of  
19 labour supply and the necessity of ensuring that the (potential) workforce has the  
20 necessary skills and attributes to ensure employability in a global economy. As outlined  
21 in the Introduction, the skills and work-readiness of young people entering the labour  
22 market has been a key focus of policy, but in the context of an ageing population, there is  
23 also a need to pay greater attention to workforce development of those already in  
24 employment (GREEN and COLLIS, 2006). This is especially pertinent given the  
25 historically high levels of employment in England, and relatively low unemployment rates  
26 in many rural areas.  
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38 However, a focus on labour supply alone is likely to be insufficient to overcome economic  
39 problems of low pay and low productivity in some rural areas. Indeed, recent regional  
40 economic strategies, particularly in the midlands and northern regions of England, have  
41 pointed to the existence of a ‘low skills equilibrium’ and have identified the necessity of  
42 paying attention to labour demand issues for regional and rural economic development  
43 (EMDA, 2006; see also WARD *et al.*, 2003). Typical characteristics include a  
44 coincidence of relatively low pay levels, a preponderance of poorly qualified workers and  
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2 an under-representation of jobs at the upper end of the occupational hierarchy, reflecting  
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4 an over-reliance on low knowledge-intensity sectors and a competitive strategy based on  
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6 low cost. In the face of a lack of demand for higher level skills there is little or no  
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8 incentive to participate in education and training and raise qualification levels and  
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10 aspirations. Peripheral rural areas are especially likely to display these characteristics,  
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12 performing poorly on most economic variables (DEFRA, 2005). This contrasts with a  
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14 'high skills equilibrium' situation in which a local economy characterised by a strong  
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16 demand for high level skills which has a positive effect throughout the supply chain on  
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18 enhancing the aspirations and actions of individuals with respect to participation in  
19  
20 education and training. Hence, raising demand for skills has a key role to play in  
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22 economic development policies concerned with moving from a situation of 'low skills  
23  
24 equilibrium' to one of 'high skills equilibrium'. However from a rural development  
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26 perspective, it should be noted that low skill jobs are not necessarily associated with low  
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28 productivity, as exemplified by the food processing sector. With regard to non-UK  
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30 migrants, a key question is whether they are serving to reinforce the 'low skills  
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32 equilibrium' or whether they are using, or can use, their skills in higher value-added  
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34 activities. We return to this question later.

#### 35 36 37 38 *Labour supply and demand interactions in tight labour markets*

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41 Having highlighted key features of the changing structure of labour supply and demand  
42  
43 separately, we now consider their interactions, in order to identify more precisely the  
44  
45 nature of labour market and economic development challenges facing rural labour  
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47 markets and the possible role that non-UK migrants might play in addressing them. We  
48  
49 do this with reference to a taxonomy developed by DANIEL *et al.* (2004) and extended  
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2 by DE HOYOS (2006), which identifies different 'types' of tight labour market where  
3 demand for labour is increasing and the supply is struggling to keep pace (see Table 1),  
4  
5 in order to identify the possible roles that non-UK migrants might play in creating labour  
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7 supply challenges.  
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12 <Table 1 about here>  
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16 Type '1' represents the 'classic' case of a seasonal demand for labour (e.g. for  
17 harvesting in agriculture or in certain tourism jobs) which is filled by migrants.  
18 Historically, these seasonal demands have been filled mainly by internal migrants or  
19 elements of the labour supply seeking short-term work opportunities (including students),  
20 and also by international migrants here (e.g. on the Seasonal Agricultural Workers  
21 Scheme). Type '2' represents the situation that is likely to occur in rural labour markets  
22 as a consequence of either national shortages of people with requisite skills, or in  
23 circumstances where differential out-migration of the highly qualified to more attractive  
24 opportunities elsewhere has led to a lack of qualified labour for high skilled jobs. It might  
25 also be apparent where there is a quantitative shortfall in labour available. In a Type '3'  
26 situation it is likely that migrant labour already represents an important element in labour  
27 supply and there is scope for further recruitment of migrants. This situation is especially  
28 likely to occur in less skilled positions in sectors such as food processing and packing,  
29 catering, etc. Opportunities for non-UK migrants in a Type '4' situation are likely to be  
30 similar to those in Type '2'; (the difference being that in '4' migrants are needed to fill  
31 vacancies generated by replacement demand in declining sectors). In a Type '5'  
32 situation, there is a role for highly skilled migrants to fill specific skill gaps.  
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2 Hence, there is a role for non-UK migrants in rural areas at either pole of the skills  
3 continuum and in both sectors experiencing employment growth and decline. In the next  
4 section we present empirical evidence on the scale and character of migration, the  
5 employment of non-UK migrants (including which of the 'types' of role identified in Table  
6 1 they are fulfilling) and associated labour market impacts.  
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## 14 **The role of non-UK migrants in the labour market**

### 18 *The scale and character of migration*

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22 Ascertaining the scale of migration to the UK and, more particularly, the numbers,  
23 economic contribution and labour market impacts of non-UK migrants at local level is  
24 hindered by the fact that no single data source provides a comprehensive and up-to-date  
25 picture. Different data sources adopt different definitions, and relate to different time  
26 periods and geographical areas, so providing a 'partial' view (REES and BODEN, 2006;  
27 GREEN *et al.*, 2007). The shifting nature and composition of the migrant population and  
28 uncertainty about length of stay (especially given the lack of information on individuals  
29 leaving the UK), renders estimation of the size of the migrant population in any local area  
30 difficult. These considerations need to be borne in mind information on non-UK migrant  
31 volumes presented in this section.  
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43 We know from analyses of 2001 Census data that the largest *volumes* of non-UK  
44 migrants (i.e. people born outside the UK) are concentrated in the major urban areas, but  
45 this provides no indication of trends in migration. We turn to an administrative source –  
46 National Insurance number (NINo) registrations for overseas nationals – to generate an  
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2 updated and more complete picture of the overall increment to the workforce in England  
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4 by foreign nationals.<sup>2</sup> There has been a marked increase in NINo registrations by  
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6 overseas nationals in recent years: 579 thousand in 2005/6 compared to around 309  
7  
8 thousand in 2002/3. Table 2 shows the change in the volume and pattern of NINo  
9  
10 registrations by overseas nationals across England using the DEFRA urban-rural  
11  
12 categorisation of districts. Most registrations occur in Major Urban Areas, but their  
13  
14 dominance has declined from 64 per cent of the England total in 2002/3 to 55 per cent in  
15  
16 2005/6. A clear negative association is apparent between percentage increase in  
17  
18 registrations and urban density. This is indicative of a relative shift in the spatial  
19  
20 distribution of non-UK migrants towards more rural areas, especially from 2004 onwards,  
21  
22 as central and eastern European migrants entered the UK in large numbers.  
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26 It is appropriate here to emphasise the importance of the distinction between the  
27  
28 absolute *volume* of migrants and the *growth* rate in numbers of migrants. It is clear that  
29  
30 urban areas have seen the largest volumes of new migrants, but this is historically a well-  
31  
32 established pattern. Arguably, cities with a long background of large and diverse non-UK  
33  
34 born communities have more 'absorptive capacity' in accommodating further waves of  
35  
36 migration. Rural areas have historically been characterised by much less diverse  
37  
38 populations and a less well developed infrastructure for migrant integration. In such  
39  
40 areas a relatively large influx of migrants from a low base may be perceived as posing a  
41  
42 greater challenge for labour market integration and economic development. This  
43  
44 challenge is not unique to the UK. In the USA, for example, immigrants are increasingly  
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46 dispersing beyond traditional 'gateway' metropolitan areas to areas which previously  
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48 have not experienced much migration (MARRROW, 2005), with particular implications for  
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50 rural economies and the demography of rural areas (PARRA and PFEFFER, 2006).  
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4 <Table 2 about here>  
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8 Here, however, the character of the migration (i.e. whether it is temporary or permanent)  
9 and the characteristics of migrants are of particular importance. We do not know with  
10 any certainty the extent to which migration is temporary or permanent, since (as noted  
11 above) we know little about emigration flows from the UK. However, as discussed in the  
12 next section, whether migration is temporary or permanent is likely to shape migrants'  
13 attitudes towards skill development and integration and have implications for skills and  
14 learning provision. From analyses of the LFS and administrative data sources we know  
15 that migrants are concentrated in particular industries – such as health, hotels & catering  
16 and certain parts of manufacturing (often in sectors experiencing overall employment  
17 decline but with replacement demand requirements). Analysis of WRS data highlights  
18 the concentration of central and eastern European migrants in agriculture, food  
19 processing, manufacturing and hospitality and catering (COMMISSION FOR RURAL  
20 COMMUNITIES, 2007). Occupationally, migrants are concentrated in certain  
21 professional occupations (notably as health professionals and business & public service  
22 professionals) and also in elementary, operative and caring personal service  
23 occupations. Given the changing importance of different migration 'routes' there is some  
24 evidence away from a 'bi-polar' occupational distribution of migrants towards a greater  
25 share in less skilled occupations. This tendency is likely to be especially pronounced in  
26 rural areas, given that Work Permit approvals are particularly concentrated in urban  
27 areas and that WRS registrations are skewed more towards rural areas than previous  
28 migration streams.  
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2 *The rationale for migration*  
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6 The earlier discussion of labour supply and demand interactions highlighted the role of  
7 migration in meeting shortfalls in the quantity and quality of labour. Here we consider the  
8 economic rationale for migration, first from the demand-side (i.e. the employer  
9 perspective) and secondly from the supply-side (i.e. from the migrant perspective), as a  
10 precursor to a review of the labour market impacts of migration in the next sub-section,  
11 and the following discussion of how and whether best use is being made of migrant skills  
12 to foster rural development.  
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22 As noted above, employers may recruit migrant labour for a number of reasons -  
23 including to fill temporary or seasonal vacancies, to fill vacancies for which there are  
24 not enough other applicants, and to perform jobs requiring specialist skills not  
25 available in the UK. From an employer perspective there may be possible economic  
26 benefits (especially in the short-term) of recruiting migrants, including first and  
27 foremost addressing labour shortages and skills deficiencies. Some employers may  
28 save on costs of training by recruiting staff with the necessary skills. They might also  
29 benefit from reduced pressure on wages if workers from countries with lower wage  
30 levels are willing to accept lower pay than UK-born workers and if stronger  
31 competition for jobs leads to less upward pressure on wages. There might also be  
32 productivity gains from employing migrants who tend to be younger on average than  
33 indigenous workers and to have better educational qualifications.  
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From the migrant perspective, the main economic rationale for migration is the return  
that might be realised in the short- or medium-term. In monetary terms, economic

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2 migrants seek to earn more in the UK than in their home country. As outlined below,  
3  
4 migrants' temporal, spatial and labour market aspirations are crucial in determining  
5  
6 whether, and to what extent, they wish to develop their skills while in the UK. A  
7  
8 transient migrant is likely to have a very different attitude to learning and skills  
9  
10 development than a migrant who intends to settle in the UK in the medium- or long  
11  
12 term. Likewise, a migrant who views his/her current labour market position as a  
13  
14 positive step in a broader career trajectory (in the UK or elsewhere) is more likely to  
15  
16 have a positive attitude towards skills development than one who does not. From  
17  
18 2007, overseas students are allowed to work in the UK for a year after graduation,  
19  
20 and thus staying to work in the UK will be an increasingly common choice for those  
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22 who wish to gain employment experience, and some may choose to pursue a career  
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24 in the UK.  
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#### 28 *The impact of non-UK migrants on the labour market*

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32 Migration may be beneficial to the national, regional and local economy if by addressing  
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34 labour shortages and skills deficiencies it has a positive effect on output. A recent study  
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36 focusing on the East Midlands estimated that in 2005 people born outside the UK  
37  
38 contributed 9.6 per cent to the value of output in the East Midlands, with those entering  
39  
40 the UK since 1992 contributing around 4 per cent to the value of regional output and post  
41  
42 2001 migrants contributing over 2 per cent to the value of regional output (GREEN *et al.*,  
43  
44 2007). The migrant contribution to GVA was highest in Hotels & Restaurants,  
45  
46 Manufacturing (which includes food processing) and Health & Social Work sectors. Lack  
47  
48 of GVA data by industry at sub-regional level precludes estimation of the migrant  
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50 contribution to GVA for rural areas; in any local area the migrant contribution to GVA  
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2 could be higher/ lower than the regional estimate.  
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6 Possible labour market costs for the UK-born population associated with recruitment of  
7 labour migrants from outside the UK include exertion of downward pressure on wages, a  
8 reduction in employment rates amongst other groups in the labour market as employers  
9 use migrants to replace UK-born workers (i.e. a displacement effect), an associated  
10 increase in the unemployment rate, and a lower probability of some groups – especially  
11 the most vulnerable (i.e. those with poor skills/ in low wage segments of the labour  
12 market) - finding sustainable employment in the face of increased competition from  
13 migrants. To date, empirical analysis of Labour Force Survey for the UK by DUSTMANN  
14 *et al.* (2005) has found no evidence that immigration has effects on employment,  
15 participation, unemployment or wages at aggregate level. National scale analyses by the  
16 Department for Work and Pensions (PORTES and FRENCH, 2005; GILPIN *et al.*, 2006)  
17 have found no discernible statistical evidence to suggest that migration from A8 countries  
18 has been a contributor to the rise in claimant unemployment in the UK. The overall  
19 conclusions of previous analyses are that in aggregate the impact of migration from A8  
20 countries has been modest, but broadly positive. However, it is possible that the impact  
21 of migration on the labour market may vary both over time and across space.  
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39 Recent analyses by GREEN *et al.* (2007) focusing on the East Midlands found no  
40 statistically significant evidence that migrants dampen wage growth. The role of the  
41 National Minimum Wage in increasing/ maintaining pay in less skilled occupations is  
42 important here. Evidence of employment displacement of UK-born workers was found in  
43 certain 'migrant dense' sectors (including food processing) and occupations (notably  
44 operative and elementary occupations), but it was unclear whether such displacement  
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2 was voluntary or involuntary. Analyses based on LFS data revealed that a  
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4 disproportionately large number of the unemployed came from migrant dense industries  
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6 and occupations, but this association is most likely the result of greater 'churning'  
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8 between employment and unemployment in these sectors and occupations as opposed  
9  
10 to a systematic effect arising from migrant density *per se*. Transitions of UK-born  
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12 workers out of migrant dense occupations via unemployment have increased notably in  
13  
14 the last two years (at a time of increasing numbers of A8 migrants recorded by the WRS  
15  
16 and increasing NINo registrations by overseas nationals), especially when compared to  
17  
18 other non-migrant dense occupations. It is clear that it is those UK-born workers lacking  
19  
20 qualifications and working in less skilled occupations, who are most vulnerable to a range  
21  
22 of factors relating to labour market change in any case, are the most likely to feel the  
23  
24 negative impacts of migration. Locally, there is a positive association between the rate of  
25  
26 increase in claimant unemployment and overseas NINo registrations as a percentage of  
27  
28 employment. Since migration is inherently spatial, it is at the local level that effects are  
29  
30 most likely to be felt, and anecdotal evidence suggests that the recent rapid increase in  
31  
32 migration is associated with an increase in unemployment rates in some geographically  
33  
34 peripheral labour markets where distance limits access to employment opportunities  
35  
36 (GREEN, 2006b). It is important to note here that it is still relatively early to make  
37  
38 assessments of the impacts of A8 migrants. The scale and character of flows may  
39  
40 change over time, as might their impacts. Without the benefit of hindsight, we are unable  
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42 to assess whether recent circumstances are exceptional.

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45 More broadly, an influx of migrant workers may affect the way in which labour market  
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47 operates, specifically in relation to changing routes of access to jobs. Typically, migrants  
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49 are recruited either via employment agencies and gangmasters or via word of mouth  
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2 within migrant networks, such that certain jobs may become institutionalised as 'migrant  
3 jobs'. In turn, this may result in reductions in vacancies notified to Jobcentre Plus (the  
4 UK government employment service), so impacting on individuals seeking employment  
5 openings via that route.  
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### 10 **Making best use of migrants' skills for rural development**

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16 As well as helping to ameliorate a numerical shortfall in workers available and willing to  
17 undertake certain jobs, potentially use could be made of migrants' skills to enhance rural  
18 development trajectories. There is no comprehensive information available on the  
19 qualifications and work experience of non-UK migrants (although some insights may be  
20 gained from information collected in household and migrant surveys, as indicated below)  
21 and even when information is available there are often difficulties in translating migrants'  
22 qualifications into UK equivalents. Despite these difficulties, it is evident that recent  
23 migrants from central and eastern Europe, in particular, are better qualified than the  
24 indigenous population (ZARONAITÉ and TIRZITE, 2006). Indeed, a consistent finding  
25 from previous research is that many migrants tend to be working below their skills levels  
26 (ANDERSON *et al.*, 2006). In this section we assess the prospects for development of  
27 migrants' skills for the benefit of the rural economy by considering employers' and  
28 migrants' perspectives in turn, before moving on to outline current skills and learning  
29 provision and barriers to participation in learning.  
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#### 45 *What are employers' skills requirements?*

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49 The typology of tight labour markets presented in Table 1 is suggestive of the likelihood  
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2 of variations in employers' skills requirements in relation to migrant workers. Employers  
3 who resort to employing migrant labour for low skill work because of a lack of people  
4 locally to fill vacancies may have little interest in making full use of the skills of migrant  
5 labour: a willingness to work may be more important than specific skills. On the other  
6 hand, employers recruiting migrant labour to fill specific skill-shortage vacancies will have  
7 an interest in maximising use of migrants' skills.  
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16 These differences are borne out in a 3-fold typology of employer attitudes towards  
17 employing migrant workers developed in a research study examining employers'  
18 perceptions of migrant workers (LEARNING AND SKILLS COUNCIL, 2006). The first  
19 category of 'reluctants' had negative attitudes towards migrant workers, employing them  
20 as an option of last resort when other recruitment channels had been exhausted. Such  
21 employers are unlikely to go out of their way to invest in development of migrants' skills  
22 beyond minimum legislative and business imperatives. Conversely, employers  
23 categorised as 'advocates' were characterised by a positive attitude towards migrant  
24 workers. Such employers were most likely to seek to develop migrants' skills. Between  
25 these two more extreme positions, the majority of employers fall into the moderate  
26 'pragmatists' category, characterised by positively balanced views towards hiring migrant  
27 workers, viewing them dispassionately as a cost-effective commodity. For the  
28 'pragmatists', the main advantage of hiring migrant workers is that they were perceived  
29 as having a stronger and more positive work attitude and ethic than UK-born workers.  
30 This highlights that the issue that 'willingness to work' may be more important than  
31 specific skills – a fact underlined by other research with employers (DENCH *et al.*, 2006;  
32 ANDERSON *et al.*, 2006) which revealed that some employers prefer migrants  
33 (especially eastern European) to British workers, because they are perceived to be better  
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2 employees and have a better attitude to work. A survey by the Chartered Institute of  
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4 Personal Development (2005) providing a comparison of employers' ratings of migrant  
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6 workers compared to other potential recruits (such as lone parents, those with low skills,  
7  
8 the over 50s, the disabled and long-term claimants of incapacity benefits) found that  
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10 migrants were the most highly rated category for productivity, adaptability, quality of work  
11  
12 and potential, and were second most highly rated for reliability, absence, customer  
13  
14 service and teamwork. This suggests that migrants compete strongly in recruitment  
15  
16 channels to lower skilled occupations, and indicates the potential challenge to UK  
17  
18 government initiatives to increase the employment rate of 'excluded' groups.  
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22 Despite the recognition of greater 'potential' of migrants than potential recruits from the  
23  
24 core jobless groups, it is clear that first and foremost it is an 'attitude gap' (especially on  
25  
26 the part of younger UK workers who tend to be viewed as unmotivated and unwilling to  
27  
28 take low or unskilled jobs) rather than a 'skills gap' that employers see migrants as filling.  
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30 This suggests that in current circumstances there is little likelihood that migrants' skills  
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32 will be maximised to reap broader economic development benefits.  
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36 Employers' perceptions of migrant workers themselves underscore this point, as a 3-fold  
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38 typology of migrant workers developed from research with employers (LEARNING AND  
39  
40 SKILLS COUNCIL, 2006) illustrates. First, there are 'economic migrants' who are often  
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42 low-skilled workers aiming to stay in low-skilled roles, attracted by the relatively higher  
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44 pay found in the UK compared with their origin country. Generally, they are perceived as  
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46 having short-term plans or opportunistic ideas regarding employment and want to make  
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48 money easily and quickly. They are unlikely to integrate strongly into the UK workforce,  
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50 especially if working in migrant dense sectors and occupations in remote rural areas.  
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2 From an employer perspective, training for such migrants may well be seen as a cost to  
3 be avoided. A second group of migrant workers identified by employers are 'aspiring  
4 migrants'. Typically, this group comprises students and skilled workers taking unskilled  
5 work in the UK while improving their English language abilities and/or gaining other  
6 relevant qualifications so that they can pursue their true career path – either in the UK,  
7 their country of origin or elsewhere. For this group of migrants employers might see the  
8 onus of improving English language skills on the workers themselves, since they would  
9 be the prime beneficiaries. Arguably, however, this group may be able to use their skills  
10 to contribute more broadly to business success and economic development in the UK.  
11 Thirdly, there are 'global migrants' who take skilled positions in the UK so addressing  
12 skills deficiencies. Members of this group are typically concentrated in professional  
13 positions and in metropolitan labour markets – especially London.  
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28 *What are migrants' aspirations?*  
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32 As the typology of migrants based on employers' perspectives indicates, there is no such  
33 thing as a 'typical' migrant. Research with central and east European migrants  
34 (ANDERSON *et al.*, 2006) has reiterated that many trade-off low-skilled work and poor  
35 conditions for better pay than in the their home country (i.e. the classic 'economic  
36 migrant' position) or for other benefits, such as learning English (i.e. the 'aspiring migrant'  
37 category identified above). For many of these migrants working conditions are tolerable  
38 only because they are temporary. Even within these broad categories of migrants there  
39 is likely to be some differentiation in motivations and aspirations, depending on age,  
40 family ties, previous work experience and skill level (MACKAY and WINKELMANN-  
41 GLEED, 2005).  
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4 A detailed study on 'The Dynamics of Migrant Labour in South Lincolnshire'  
5 (ZARONAITE and TIRZITE, 2006), involving primary research with non-UK migrants,  
6 reiterated these points. At one level all migrants seek to improve their quality of life –  
7  
8 either solely in monetary terms, or also by broadening their range of experiences and  
9  
10 skills. Turning explicitly to study aspirations, 39 per cent of migrants surveyed wished to  
11  
12 improve their English by taking ESOL (English for Speakers of Other Languages)  
13  
14 courses and 32 per cent wanted to attend IT courses. It is salient to note here that  
15  
16 English language and computing skills are both regarded 'key skills' for progressing in  
17  
18 the UK labour market. Beyond this, many migrants wanted to gain equivalent UK  
19  
20 qualifications in their profession.  
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26 Whether, and how important it is for these aspirations to be achieved, depends in part on  
27  
28 migrants' future plans. Nearly a quarter (23 per cent) of migrant workers responding to  
29  
30 the migrant survey undertaken for 'The Dynamic of Migrant Labour in South Lincolnshire'  
31  
32 study planned to stay in the UK permanently, while a further quarter had not yet decided  
33  
34 (citing reasons of conditions of work, accommodation and issues relating to bringing  
35  
36 children to the UK) for their uncertainty. Just under a fifth indicated that their stay in  
37  
38 South Lincolnshire was 'temporary' and a further 14 per cent cited stays of up to 2 years.  
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40 Of course, whether these plans are fulfilled remains to be seen.  
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#### 43 *Assessment of current and likely future skills needs*

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47 Migrants' skills sets are often highly individualised and specialised, and this needs to be  
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49 recognised in discussions of skills development and learning provision. Current learning  
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2 needs of migrants are primarily focused on language; at least a basic understanding of  
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4 the English language is important for nearly all jobs (especially given the growth of  
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6 service jobs with a customer facing element) and is fundamental to broader labour  
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8 market integration. 'Aspiring migrants' are keen to improve their English and to gain  
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10 other qualifications – perhaps to achieve promotion and/or to enhance prospects of  
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12 obtaining a permanent job. Here primary research in rural areas of eastern England has  
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14 highlighted that there are often information/knowledge deficits regarding the relevance  
15  
16 and availability of learning opportunities available.

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20 A study of EU migrant workers in southern Lincolnshire involving interviews with  
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22 stakeholders concluded that, in the short-term, language training (ideally tailored to the  
23  
24 immediate needs of the work environment and the more general social context) should  
25  
26 be addressed before or alongside any other learning needs of migrants are considered  
27  
28 (GREEN *et al.*, 2006). In the short-term, other training needs are likely to relate to health  
29  
30 and safety requirements. Thereafter, depending on migrants' aspirations and knowledge  
31  
32 base, it may be appropriate to address technical, business and managerial skills needs.

### 33 34 35 *Barriers to learning and current provision*

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39 Even if migrant workers are highly motivated and wish to enhance their skills, and are  
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41 aware of provision available, conditions of working may impose barriers to learning.  
42  
43 Employers play an important role in facilitating access to learning opportunities. Given  
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45 the fact that migrant workers may not live near their workplace and may move between  
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47 workplaces on a relatively frequent basis, there may be transport barriers in accessing  
48  
49 learning opportunities. Moreover, because of the long hours (and variable shift patterns)

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2 worked by many migrants, they may be too tired to take full advantage of learning  
3 opportunities available. Hence, the wider structural environment has a massive impact  
4 on the effectiveness of learning initiatives.  
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10 Previous research (GREEN *et al.*, 2005) has highlighted issues of flexibility,  
11 individualisation and specialisation in meeting the needs of migrants – all of which have  
12 cost and resource implications. Funding is a key constraint on learning provision and  
13 delivery, and will become increasingly so given plans to withdraw automatic funding for  
14 ESOL courses from 2007/8 in England – so placing the onus on employers and  
15 individuals to fund learning. To date, a common concern of those concerned with  
16 delivery is that the greater costs of training provision in rural than in urban areas are not  
17 recognised in nationally administered funding formulae. Moreover, the sheer numbers of  
18 migrants coming to local areas over a relatively short time period places a severe  
19 constraint on available capacity/ resources. Existing problems may be exacerbated by  
20 increasing inflows/ churning of migrants. Changes in the profile of migrants may also  
21 bring challenges, especially in rural areas with a less dense and less well developed  
22 migrant integration infrastructure.  
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### 35 36 37 **Conclusions and implications for policy**

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41 International migrants are playing an increasingly important role in rural economies and  
42 labour markets in the UK, some other parts of Europe and the USA. International  
43 migration has acted to ease dependency ratios and boost the supply of younger workers  
44 (EXPERIAN, 2007). However, from an economic development perspective, there is a  
45 fundamental tension between the potential to use their skills in higher value-added  
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2 activities and their role in reinforcing a 'low skills equilibrium' characteristic of many rural  
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4 labour markets.  
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8 One possible benefit from employing non-UK migrants is that they may provide specialist  
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10 skills not otherwise available to the rural economy and so contribute to rural  
11  
12 development. However, a small-scale study of Lincolnshire employers (DE HOYOS,  
13  
14 2006) provides little evidence of the use of non-UK migrants in type '2' and type '5'  
15  
16 scenarios outlined in Table 1 that would suggest that migrants are filling specialist  
17  
18 positions. There are also economic benefits from employing non-UK migrants in  
19  
20 operative and elementary occupations requiring low skills levels for which there have  
21  
22 been insufficient applicants due to labour shortages or which may have proved hard-to-fill  
23  
24 for other reasons (notably because of the nature of the work and working conditions),  
25  
26 since they enable some businesses to function to full capacity where otherwise they  
27  
28 would not be able to do so. Evidence from studies of migrant workers and rural labour  
29  
30 markets in the east of England indicates that non-UK migrants are mainly used in the  
31  
32 type '1' and type '3' scenarios outlined in Table 1. Given that migrants tend to be  
33  
34 relatively young and often relatively highly skilled, they represent 'high quality workers' in  
35  
36 'low-waged work' (ANDERSON *et al.*, 2006). They are valued primarily for their positive  
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38 'attitude' and 'work ethic'. In turn they may provide a stimulus for UK-born workers to  
39  
40 enhance their productivity.  
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43 On the other hand, there is a danger that employers may address labour shortages and  
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45 skill deficiencies more easily in the short-term by employing migrant labour (whether  
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47 skilled or unskilled) than by attracting non-employed local people from core jobless  
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49 groups, training their own staff or by capital investment, and in so doing, perhaps  
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2 undermine the long-term viability of their businesses. This is a particular challenge for  
3 rural areas characterised by a 'low skills equilibrium': it is possible resorting to use of  
4 migrants as a short-term 'fix' may reinforce this equilibrium. It is important that utilisation  
5 of migrant workers is not to the detriment of investing in the indigenous skills base and  
6 the ability to respond to future economic change through innovation. Reliance on  
7 migrant labour may be a source of weakness for some local economies, rather than a  
8 source of strength. Given the importance of the interplay of economic, demographic and  
9 political trends in the UK and in other potential migrant destination countries and in origin  
10 countries, in determining the size and direction of migrant flows, it is questionable  
11 whether the attraction of migrants in current volumes to the UK is sustainable  
12 (STENNING *ET AL.*, 2006). Moreover, low-value added activities are themselves  
13 vulnerable to relocation to locations outside the UK where costs are cheaper.  
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28 Research with employers undertaken in late 2006 indicated that some felt that 'aspiring  
29 migrants' who remain in the UK are likely to become dissatisfied over the next few years  
30 (LEARNING AND SKILLS COUNCIL, 2006). Some could use their skills, combined with  
31 an enhanced understanding of UK culture and customs to set up their own businesses to  
32 progress on to more skilled jobs. This would be a beneficial outcome for rural  
33 development. Moreover, potentially migrants are in a position to provide important global  
34 links for the local economy, possibly aiding the internationalisation of businesses. There  
35 is strong evidence emerging from the food and drink industry in the East Midlands of a  
36 commitment to up-skill at least some migrant workers for long-term benefit (FOOD &  
37 DRINK FORUM, 2004). However, while there are prospects of up-skilling for some 'core'  
38 workers, those regarded as 'peripheral' could be left 'trapped' in work characterised by  
39 dirty and/or monotonous tasks, long and/or anti-social hours and low pay, and effectively  
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2 assume the attitude of an unwilling UK worker. In both of these scenarios this could  
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4 result in unskilled positions going unfilled, generating an ongoing demand for economic  
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6 migrants to fill replacement demand requirements in key industries such as food  
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8 processing, which are fundamental to local economies of rural areas in areas such as the  
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10 fenlands of eastern England.

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14 UK-born people with poor skills who are already vulnerable to labour market restructuring  
15  
16 and who are most dependent on job opportunities in the immediate local area are most  
17  
18 at risk of suffering negative labour market impacts associated with a continuing influx of  
19  
20 migrant workers. In order to gain employment it is likely that these individuals will have to  
21  
22 overcome their reluctance to take what they view as menial jobs or enhance their skills  
23  
24 base in order to compete more effectively for other jobs. There is also a crucial  
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26 economic development role here in encouraging business development in rural areas  
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28 and stimulating diversification of the economic base to improve the quality and range of  
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30 employment opportunities available. Labour demand matters!

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34 As highlighted above, the influx of international migrants on a relatively large scale to  
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36 some rural areas in the UK (and in some other countries in Europe and beyond) is a  
37  
38 recent phenomenon. The fact that the UK opened its borders to migrants from central  
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40 and eastern Europe in 2004 before the other large EU economies makes the UK  
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42 experience distinctive in some respects and has contributed to the high volume of  
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44 migration and speed of change in some local areas. There is a need for ongoing  
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46 monitoring of trends and impacts, as there is potential for current trends to be reinforced  
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48 as new arrivals are attracted via migrant networks, as well as for new trends and patterns  
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50 to emerge as restrictions on labour migration alter and economic circumstances (in both  
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2 migrant origin and destination countries) change. Hence, the conclusions drawn here  
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4 should be considered provisional at this juncture. Moreover, trends and impacts are  
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6 likely to be differentiated over space: migrants may play different roles in different rural  
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8 areas. Hence there is a need for monitoring at local and regional levels, as well as at the  
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10 national scale.

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14 There is clear need here to improve the information base on international migration in the  
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16 UK. The Census provides information at a local level but since data is collected  
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18 decennially, it cannot provide a regularly updated picture. The Labour Force Survey  
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20 (LFS) and Annual Population Survey (APS) provide a greater range of demographic and  
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22 labour market information on a more frequent basis, but these sources undercount  
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24 mobile populations and do not provide robust estimates for less populous geographical  
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26 areas. Administrative data sources – including NINo registrations by nationality, WRS  
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28 registration records relating to A8 migrant workers and information on numbers of Work  
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30 Permits issued - provide an indication of the scale of labour migration and of the  
31  
32 characteristics of migrants at sub-regional and regional level. All of these sources only  
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34 measure in-migration; information on emigration is lacking. In some local areas surveys  
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36 have been undertaken, providing information on the demographic characteristics,  
37  
38 duration of stay, future intentions, skills, labour market aspirations, etc, of migrant  
39  
40 workers (ZARONAITÉ and TIRZITE, 2006). However, there are doubts about the  
41  
42 comprehensiveness of some local surveys, and the information gathered may date  
43  
44 quickly. So currently there is considerable uncertainty about even some of the most  
45  
46 basic information on numbers of non-UK migrants at local level.

1  
2 What is more certain, however, is that the traditional divide in migration studies between  
3 internal and international migration (SALT and KITCHING, 1992) is increasingly  
4 inappropriate, especially for legal, as opposed to illegal, migrants. With the integration of  
5 labour markets in Europe and increasing ease of movement, as testified by the  
6 availability of budget air travel from regional airports and cheap coach fares, distinctions  
7 between international and internal migration flows are blurring as they become  
8 increasingly interrelated.  
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### 20 Notes

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- 22 1 Early information on A2 migration suggests that the pattern is less rural-  
23 dominated than for A8 migrants (BORDER AND IMMIGRATION AGENCY AND  
24 DEPARTMENT FOR WORK AND PENSIONS, 2007).  
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26
  - 27 2 Every overseas national who is legally employed/ self-employed in the UK  
28 requires a NINo. NINo registration data cover all labour migrants (i.e. EU citizens  
29 – including those from Accession countries who are covered by the WRS), those  
30 on Work Permits and others.  
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**References**

- 1  
2  
3  
4 ANDERSON B., RUHS M., ROGALY B. and SPENCER, S. (2006) *Fair enough? Central*  
5  
6 *and East European migrants in low-wage employment in the UK*, Joseph Rowntree  
7  
8 Foundation, York.  
9
- 10 BALL R.M. (1987) 'Intermittent labour forms in UK agriculture: some implications for rural  
11  
12 areas', *Journal of Rural Studies* 3, 133-50.  
13
- 14 BAUERE V., DENSHAM P., MILLAR J. and SALT J. (2007) 'Migrants from central and  
15  
16 eastern Europe: local geographies', *Population Trends* 129, 7-19.  
17
- 18 BEATTY C. and FOTHERGILL S. (2003) *The Seaside Economy: The final report of the*  
19  
20 *seaside towns research project*, Centre for Regional Economic and Social Research,  
21  
22 Sheffield Hallam University.  
23
- 24 BORDER AND IMMIGRATION AGENCY AND DEPARTMENT FOR WORK AND  
25  
26 PENSIONS (2007) *Bulgarian and Romanian Accession Statistics January to March*  
27  
28 *2007*, Home Office, London.  
29  
30 [http://www.ind.homeoffice.gov.uk/6353/aboutus/Bulgarian\\_and\\_Romanian\\_Acce1.pdf](http://www.ind.homeoffice.gov.uk/6353/aboutus/Bulgarian_and_Romanian_Acce1.pdf)  
31  
32 f  
33
- 34 CHAMPION T. and SHEPHERD J. (2006) 'Demographic change in rural England' in  
35  
36 Lowe P. and Speakman L. (eds.) *The Ageing Countryside: The Growing Older*  
37  
38 *Population of Rural England*. Age Concern England, London.  
39
- 40 CIPD (2005) *Quarterly Labour Market Outlook*, CIPD, London.  
41
- 42 COMMISSION FOR RURAL COMMUNITIES (2007) *A8 migrant workers in rural areas –*  
43  
44 *Briefing Paper*. Commission for Rural Communities, Cheltenham and London.  
45
- 46 COUNTRYSIDE AGENCY (2003) *Rural Economies – stepping stones to healthier*  
47  
48 *futures*, Countryside Agency, Cheltenham.  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60

- 1  
2 DANIEL W.W., GREEN A., HOGARTH T. and WESTBROOK S. (2004) 'Tight labour  
3 markets in the Highlands and Islands', Project Report prepared for Highlands and  
4 Islands Enterprise/ Futureskills Scotland, IER, University of Warwick, Coventry.  
5  
6  
7  
8 DEFRA (2005) *Productivity in Rural England*. Rural Economic Unit, Defra, London.  
9  
10 DE HOYOS M. (2006) 'Recruitment and retention of labour in Lincolnshire', Working  
11 Paper prepared for Lincolnshire County Council 'Skills in Areas Affected by Rural  
12 Decline' project, IER, University of Warwick, Coventry.  
13  
14  
15  
16 DENCH S., HURSTFIELD J., HILL D., AKROYD K (2006) *Employers' Use of Migrant*  
17 *Labour*, Home Office RDS Online Report 04/06, March 2006.  
18  
19  
20 DUSTMANN C., FABBRI F. and PRESTON I. (2005) 'The impact of migration on the  
21 British labour market', *Economic Journal* 115, F234-F341.  
22  
23  
24 EAST MIDLANDS DEVELOPMENT AGENCY (2006) *A flourishing region: Regional*  
25 *Economic Strategy for the East Midlands 2006-2020*, East Midlands Development  
26 Agency, Nottingham.  
27  
28  
29  
30 EXPERIAN (2007) *The contribution of migration flows to demographic change in the*  
31 *East Midlands*, East Midlands Development Agency, Nottingham.  
32  
33  
34 FOOD & DRINK FORUM (2004) English for non-English speakers in the food  
35 manufacturing sector, Report on a project commissioned by the East Midlands  
36 Development Agency.  
37  
38  
39  
40 GILPIN N., HENTY M., LEMOS S., PORTES J. and BULLEN C. (2006) 'The impact of  
41 free movement of workers from Central and Eastern Europe on the UK labour  
42 market', *Department for Work and Pensions Working Paper 29*, Corporate Document  
43 Services, Leeds.  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60

- 1  
2 GREEN A.E. (2006a) 'Routes into Employment for Refugees: A Review of Local  
3 Approaches from London' OECD *From Immigration to Integration: Local Solutions to*  
4 *a Global Challenge*, OECD, Paris, 189-238.  
5  
6  
7  
8 GREEN A.E. (2006b) 'Interviews with labour market intermediaries and experts', Working  
9 Paper prepared for Lincolnshire County Council 'Skills in Areas Affected by Rural  
10 Decline' project, IER, University of Warwick, Coventry.  
11  
12  
13  
14 GREEN A. and COLLIS C. (2006) 'Regional and Local Labour Market Prospects: the  
15 Importance of Ageing in Workforce Development', *Population, Space and Place* 12,  
16 323-40.  
17  
18  
19  
20 GREEN A.E., JONES P. and OWEN D. (2007, in press) 'Migrant Workers in the East  
21 Midlands Labour Market', Report for the East Midlands Development Agency, IER,  
22 University of Warwick, Coventry.  
23  
24  
25  
26 GREEN A.E. and OWEN D. (2006) *The Geography of Poor Skills and Access to Work*,  
27 Joseph Rowntree Foundation, York.  
28  
29  
30 GREEN A.E., OWEN D. and WHITE R.J. (2006) EU Migrant Workers in Southern  
31 Lincolnshire, Report on Project commissioned by the Lincolnshire and Rutland  
32 Learning and Skills Council, IER, University of Warwick, Coventry.  
33  
34  
35  
36 GREEN A., OWEN D. and WILSON R. (2005) *Changing Patterns of Employment by*  
37 *Ethnic Group and for Migrant Workers*. Report prepared for the Learning and Skills  
38 Council National Office, IER, University of Warwick, Coventry.  
39  
40  
41  
42 HANSON J. and BELL M. (2005) 'Harvest trails in Australia: patterns of seasonal  
43 migration in the fruit and vegetable industry', Queensland Centre for Population  
44 Research, University of Queensland, Australia.  
45  
46  
47  
48 HEPWORTH M., PICKAVANCE L., and ZIEMANN B. (2004) *The Knowledge Economy*  
49 *in Rural England*, A Report for DEFRA, Local Futures Group, London.  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60

- 1  
2 LEARNING AND SKILLS COUNCIL (2006) *Employer Perceptions of Migrant Workers*  
3  
4 *Research Report*, Learning and Skills Council, Coventry.  
5
- 6 MARROW H.B. (2005) 'New destinations and immigrant incorporation', *Perspectives on*  
7  
8 *Politics* 3 (4), 781-799.  
9
- 10 MCKAY S. and WINKELMANN-GLEED A. (2005) *Migrant workers in the East of*  
11  
12 *England*, Report prepared for the East of England Development Agency, Working  
13  
14 Lives Research Institute, London Metropolitan University, London.  
15
- 16 MERCIA RESEARCH AND STRATEGY (2006) *The Extent, Size and Characteristics of*  
17  
18 *the Migrant Workforce in the Vale of Evesham*, Mercia Research and Strategy,  
19  
20 Evesham.  
21
- 22 OECD (2006) *Ageing and Employment Policies: Live Longer, Work Longer*. OECD  
23  
24 Publishing, Paris.  
25
- 26 OFFICE FOR NATIONAL STATISTICS (2007) *International migration: Migrants*  
27  
28 *entering or leaving the United Kingdom and England and Wales, 2005*, Series  
29  
30 MN no. 32,  
31
- 32 PARRA P.A. and PFEFFER M.J. (2006) 'New immigrants in rural communities: the  
33  
34 challenges of integration', *Social Text* 24 (3), 81-98.  
35
- 36 PORTES J. and FRENCH S. (2005) 'The impact of free movement of workers from  
37  
38 Central and Eastern Europe on the UK labour market: early evidence', *Department*  
39  
40 *for Work and Pensions Working Paper* 18, Corporate Document Services, Leeds.  
41
- 42 REES P. and BODEN P. (2006) *Estimating London's new migrant population: Stage 1 –*  
43  
44 *review of methodology*, Greater London Authority, London.  
45
- 46 RILEY R. and WEALE M. (2006) 'Commentary: Immigration and its effects', *National*  
47  
48 *Institute Economic Review* 198, 4-9.  
49  
50  
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53  
54  
55  
56  
57  
58  
59  
60
- SALT J. and KITCHING R. (1992) 'The relationship between international and internal migration' in Champion, T. and Fielding, T. (eds.) *Migration Processes and Patterns: Volume 1 – Research Progress and Prospects*, Belhaven Press, London, 148-162.
- SALT J. and MILLAR J. (2006) 'Foreign labour in the United Kingdom: current patterns and trends', *Labour Market Trends*, October, 335-355.
- STANFIELD C., CAMPBELL M. and GILES L. (2004) 'The UK workforce: realising our potential', *SSDA Research Report 7*, SSDA, Wath-upon-Deane.
- STENNING A., CHAMPION A., CONWAY C., COOMBES M., DAWLEY S., DIXON L., RAYBOULD S., and RICHARDSON R. (2006) *Assessing the Local and Regional Impacts of International Migration*, Department for Communities and Local Government, London.
- WARD N. (2006) 'Rural development and the economies of rural areas' in Midgley, J. (ed.) *A New Rural Agenda*, IPPR, London.
- WARD N., LOWE P. and BRIDGES T. (2003) 'Rural and Regional development: The role of the Regional Development Agencies in England', *Regional Studies* 37, 201-214
- WILSON R. and HOGARTH T. (eds) (2003) *Tackling the Low Skills Equilibrium: A Review of Issues and Some New Evidence*, Final report to the Department of Trade and Industry, IER, University of Warwick.
- WILSON R., HOMENIDOU K. and DICKERSON A. (2006) *Working Futures 2004-2014: National Report*, SSDA, Wath-upon-Deane.
- ZARONAITÉ D. and TIRZITE A. (2006) *The dynamics of migrant labour in south Lincolnshire*, South Holland District Council, Spalding.



Table 1: Typology of 'tight' labour markets

| Type | Description                                                                                               | Possible role for non-UK migrants                                                                                                                                                |
|------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | Where demand is seasonal resulting in high demand only at certain times                                   | Short-term migrants for relatively unskilled work for specific periods                                                                                                           |
| 2    | Where demand is strong but supply is weak                                                                 | Highly skilled migrant labour in filling skill shortages<br>More generally for migrants to plug labour supply shortfall                                                          |
| 3    | Where demand for labour is strong and supply is also strong but is unable to keep pace with demand        | Migrants are already likely to be an important part of the labour supply in 'migrant dense' sectors and occupations, but there is scope for employment of further migrant labour |
| 4    | Where demand is sluggish but supply fails to keep pace                                                    | Highly skilled migrant labour in filling skill shortages<br>More generally for migrants to plug labour supply shortfall                                                          |
| 5    | Where there are qualitative changes in the nature of demand such that supply cannot adjust quickly enough | Role for highly skilled migrants to fill specific skill gaps                                                                                                                     |

Source: based on Daniel et al. (2004); de Hoyos (2006)

Table 2: Overseas' nationals NINo registrations by urban-rural category, England, 2002/3 to 2005/6

| Category       | 2002/3<br>(000s) | 2005/6<br>(000s) | % of<br>England<br>total,<br>2002/3 | % of<br>England<br>total,<br>2005/6 | Change<br>2002/3 to<br>2005/6<br>(000s) | Change<br>2002/3 to<br>2005/6<br>(%) |
|----------------|------------------|------------------|-------------------------------------|-------------------------------------|-----------------------------------------|--------------------------------------|
| Major Urban    | 196.7            | 318.3            | 64                                  | 55                                  | 121.6                                   | 62                                   |
| Large Urban    | 34.9             | 69.9             | 11                                  | 12                                  | 35.0                                    | 100                                  |
| Other Urban    | 37.0             | 77.5             | 12                                  | 13                                  | 40.6                                    | 110                                  |
| Significant    | 19.5             | 48.5             | 6                                   | 8                                   | 29.0                                    | 148                                  |
| Rural          |                  |                  |                                     |                                     |                                         |                                      |
| Rural-50       | 10.5             | 30.4             | 3                                   | 5                                   | 19.9                                    | 191                                  |
| Rural-80       | 10.5             | 34.5             | 3                                   | 6                                   | 24.0                                    | 228                                  |
| <b>ENGLAND</b> | <b>309.1</b>     | <b>579.1</b>     | <b>100</b>                          | <b>100</b>                          | <b>270.0</b>                            | <b>87</b>                            |

Source: NINo registrations data (supplied by Department for Work and Pensions; 100% sample at 17th June 2006 from the National Insurance Recording System).