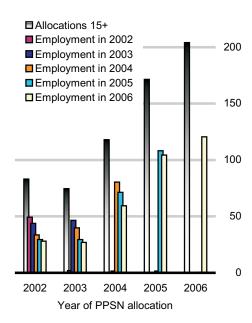


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# Employment activity of foreign nationals, 2002-2006

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# Foreign Nationals: PPSN Allocations and Employment, 2002-2006

Year PPSN allocated	Allocations to foreign nationals aged 15 &	% with no employment activity	% with employment activity by year					
	over	2002-2006	2002	2003	2004	2005	2006	
2002	83,140	27%	59%	53%	41%	35%	34%	
2003	74,651	26%		62%	53%	40%	36%	
2004	117,968	22%			68%	60%	50%	
2005	171,483	26%				63%	61%	
2006	204,018	41%					59%	

# Only half of foreign nationals assigned PPSNs in 2004 had employment in Ireland in 2006

A total of 118,000 foreign nationals aged 15 and over were assigned PPSNs (personal public service numbers) in 2004, and only half of these had insurable employment in Ireland at any time during 2006. *See the table above*.

A clearer pattern through time emerges from examining those aged 15 and over who were assigned PPSNs in 2002: 59% of these had some employment in 2002, but only 34% had any employment during 2006. Similarly, for the 2003 arrivals, 62% had some employment in the year of PPSN assignment, but this had fallen sharply to only 36% by 2006. See the table above and the graph opposite.

The percentages of arrivals in each of the years 2002 to 2005 who have never worked in Ireland up to the end of 2006 varies from 22% to 27%. While this will include some who left the country without any employment, it will also include those not in the labour force, such as students, those who are looking after a home or family, and retired people. The analysis also shows that 41% of arrivals during 2006 had no employment up to the end of that year, though this figure is high because some arrivals in late 2006 would not have got employment until early this year.

These statistics emerge from a new analysis of records of the Department of Social and Family Affairs and the Revenue Commissioners, based on foreign nationals who were allocated PPSNs during the period 2002-2006.

In this release, an allocation of a PPSN in a particular year is taken to be an arrival to Ireland in that year.

For further information contact Adrian Redmond on 01-498 4309 or Berni Dunne on 01-498 4302...

# PPSN allocations to foreign nationals, 2002-2006 '0000 All foreign nationals EU15 to EU25 states 20 15 10 5 Jan03 Jan04 Jan05 Jan06

### High drop-off rate for immigrants from EU15 states

The employment activity for the EU15 nationals excluding Ireland and the UK starts off high but drops off sharply, showing that after a handful of years the vast majority were no longer at work in Ireland. Of the 18,000 aged 15 and over who arrived in 2002, over 70% recorded employment in that year, but by 2006 this had fallen dramatically to 16%. Similarly, employment activity for this area fell from 78% to 21% in the three years to 2006. *This can be seen in the employment analysis in Table 1a (numbers) and Table 1b (percentages)*.

The UK also shows a sharp decline, though from a much lower level. Less than half the 17,000 arrivals in 2002 recorded employment in that year, and by 2006 only a quarter had any employment.

The pattern for the EU15 to EU25 states (the ten accession countries that joined on 1 May 2004) is different again. The rate of employment activity starts off very high and drops off at a much lower rate than for the other areas. Of the 58,000 who entered the system in 2004, almost 80% recorded employment in that year and two-thirds of them had some level of employment activity in 2006.

The table below shows the total numbers of PPSNs allocated to those aged 15 and over for the period 2002-2005 and the numbers of those that had any employment in 2006.

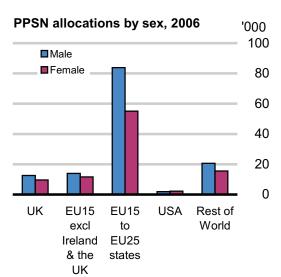
2006	
2000	'000
■EU15 to EU25 states	<b>—</b> 70
Other foreign nationals	<b>—</b> 60
	_ 50
	<b>—</b> 40
	<b>—</b> 30
	_ 20
	<b>—</b> 10
	0
0-14 15-24 25-44 45-64 65+	

PPSN Allocations by Age Group,

Broad nationality group	PPSNs allocated 15+, 2002-2005	Employment in 2006	%
United Kingdom	64,647	19,677	30.4
EU15 excl Ireland & the UK	77,704	23,790	30.6
EU15 to EU25 states	183,472	121,815	66.4
USA	10,334	1,868	18.1
Rest of the World	111,085	51,566	46.4
Total foreign nationals	447,242	218,716	48.9

# Arrivals are mostly young people from the ten accession states and mostly male

In each of 2002 and 2003, there were less than 10,000 arrivals from the accession states. This surged to 59,000 in 2004, accounting for 47% of all foreign nationals. In 2006, there were 139,000 arrivals from the accession states, accounting for 61% of all arrivals. *See Table 2*.



Of the 139,000 accession arrivals during 2006, 42% were aged 15-24 and another 43% were aged 24-44, so that only 15% were younger than 15 or older than 44. Indeed, the overwhelming majority of this group were in their twenties. The pattern of arrivals through the year shows strong seasonality, with the July peak being well over double the December trough. *See Table 2 and the graphs across*.

Many more arrivals come from Poland than from any other country. In 2006, there were 94,000 arrivals from Poland, and 22,000 from the UK, the next largest country. Within the accession group in 2006, 67% were Polish, 12% Lithuanian, 8% Slovakian, 6% Latvian, with the remaining 7% coming from the other six states.

For the years 2004 to 2006, the ratio of males to females stayed steady, at 6 males for every 4 females.

This difference was greatest for the ten accession states: in 2004, two-thirds of the 59,000 entrants were male. This gap narrowed in the following two years, and by 2006, 60% of the accession arrivals were male. *See Table 3*.

The USA bucks the trend: in each of the years 2004 to 2006, significantly more than half of US citizens receiving PPSNs were females.

Table 1a - Employment history of foreign nationals, by broad nationality group and year of entry

Numbers

			Number with	Emp	Numbers ployment activity by year			
Broad nationality group	Year PPSN allocated	Allocations to foreign nationals aged 15 & over	no employment	2002	2003	2004	2005	2006
			2006					
United Kingdom	2002	17,162	7,072	7,991	7,557	5,937	4,795	4,460
	2003	15,385	6,648	428	7,156	6,560	4,790	4,441
	2004	15,703	7,854	54	287	6,531	5,668	4,674
	2005	16,397	9,025	19	36	229	5,966	6,102
	2006	17,726	11,245	10	8	13	46	6,474
EU15 excl Ireland & the UK	2002	18,297	3,644	13,135	8,842	4,641	3,277	2,863
	2003	18,822	3,035	222	14,671	9,561	5,099	4,022
	2004	19,360	3,849	19	174	14,283	9,568	5,835
	2005	21,225	5,607	7	12	122	13,792	11,070
	2006	24,502	9,594	5	7	9	52	14,899
EU15 to EU25 states	2002	8,975	1,246	6,688	6,149	5,311	4,905	4,618
2010 10 2020 314103	2003	8,967	1,074	541	6,562	6,563	5,535	5,144
	2004	58,079	5,920	56	546	45,744	43,365	37,798
	2005	107,451	19,827	13	18	856	75,959	74,255
	2006		43,525	4	4	19	400	84,166
USA	2002	2,490	1,245	1,019	683	457	348	324
OOA	2002	2,368	1,185	54	992	701	453	371
	2004		1,375	9	22	1,099	652	460
	2005	2,800	1,605	2	1	30	972	713
	2006		1,812	_	_	1	6	996
Rest of the World	2002	36,216	9,050	20,527	20,621	17,332	16,109	15,830
Treat of the World	2003	•	7,578	747	17,180	16,497	13,634	12,913
	2004		6,581	37	519	12,751	12,094	10,581
	2005	·	9,224	13	23	292	11,444	12,242
	2006		17,255	5	5	10	61	14,027
Total foreign nationals	2002	83,140	22,257	49,360	43,852	33,678	29,434	28,095
rotal foreign flationals	2002	· ·	19,520	1,992	46,561	39,882	29,511	26,891
	2003	·	25,579	175	1,548	80,408	71,347	59,348
	2004		45,288	54	90	1,529	108,133	104,382
	2005		83,431	24	24	52	565	120,562

Table 1b - Employment history of foreign nationals, by broad nationality group and year of entry

			% with no-	% with employment activity by year				
Broad nationality group	Year PPSN allocated	Allocations to foreign nationals aged 15 & over	employment	2002	2003	2004	2005	2006
			%	%	%	%	%	%
United Kingdom	2002	17,162	41	47	44	35	28	26
	2003	15,385	43	3	47	43	31	29
	2004	15,703	50	0	2	42	36	30
	2005	16,397	55	0	0	1	36	37
	2006	17,726	63	0	0	0	0	37
EU15 excl Ireland & the UK	2002	18,297	20	72	48	25	18	16
	2003	18,822	16	1	78	51	27	21
	2004	19,360	20	0	1	74	49	30
	2005	21,225	26	0	0	1	65	52
	2006	24,502	39	0	0	0	0	61
EU15 to EU25 states	2002	8,975	14	75	69	59	55	51
	2003	8,967	12	6	73	73	62	57
	2004	58,079	10	0	1	79	75	65
	2005	107,451	18	0	0	1	71	69
	2006	127,693	34	0	0	0	0	66
USA	2002	2,490	50	41	27	18	14	13
	2003	2,368	50	2	42	30	19	16
	2004	2,676	51	0	1	41	24	17
	2005	2,800	57	0	0	1	35	25
	2006	2,809	65	-	-	0	0	35
Rest of the World	2002	36,216	25	57	57	48	44	44
	2003	29,109	26	3	59	57	47	44
	2004	22,150	30	0	2	58	55	48
	2005	23,610	39	0	0	1	48	52
	2006	31,288	55	0	0	0	0	45
Total foreign nationals	2002	83,140	27	59	53	41	35	34
	2003	74,651	26	3	62	53	40	36
	2004	117,968	22	0	1	68	60	50
	2005	171,483	26	0	0	1	63	61
	2006	204,018		0	0	0	0	59

Table 2 - PPSN allocations by age group and broad nationality group, 2004-2006

			EU15 excl	EU15 to			
Year PPSN	Age at		Ireland &	EU25		Rest of	Total foreign
allocated	allocation	UK	the UK	states	USA	World	nationals
2004	0-14	2,780	432	710	532	2,341	6,795
	15-24	3,284	9,437	24,844	867	9,152	47,584
	25-44	7,056	8,944	29,052	1,033	11,782	57,867
	45-64	3,632	775	4,144	485	1,067	10,103
	65+	1,731	204	39	291	149	2,414
	Total	18,483	19,792	58,789	3,208	24,491	124,763
2005	0-14	4,244	832	4,306	1,014	3,495	13,891
	15-24	3,580	10,050	49,054	929	8,434	72,047
	25-44	7,655	10,139	51,019	1,085	13,817	83,715
	45-64	3,776	857	7,315	523	1,182	13,653
	65+	1,386	179	63	263	177	2,068
	Total	20,641	22,057	111,757	3,814	27,105	185,374
2006	0-14	4,576	1,074	11,214	1,276	4,922	23,062
	15-24	3,833	11,379	58,809	815	11,098	85,934
	25-44	8,255	11,755	59,682	1,128	18,466	99,286
	45-64	4,220	1,167	9,103	625	1,573	16,688
	65+	1,418	201	99	241	151	2,110
	Total	22,302	25,576	138,907	4,085	36,210	227,080

Table 3 - PPSN allocations by sex and broad nationality group, 2004-2006

Year PPSN allocated	Age at allocation	UK	EU15 excl Ireland & the UK	EU15 to EU25 states	USA	Rest of World	Total foreign nationals
2004	Total	18,483	19,792	58,789	3,208	24,491	124,763
	Male	10,333	10,177	39,192	1,392	12,983	74,077
	Female	8,150	9,615	19,597	1,816	11,508	50,686
2005	Total	20,641	22,057	111,757	3,814	27,105	185,374
	Male	11,700	11,548	71,655	1,736	14,635	111,274
	Female	8,941	10,509	40,102	2,078	12,470	74,100
2006	Total	22,302	25,576	138,907	4,085	36,210	227,080
	Male	12,630	13,976	83,795	1,904	20,660	132,965
	Female	9,672	11,600	55,112	2,181	15,550	94,115

## **Background Notes**

### **Data sources**

This analysis is based on the Central Records System of the Department of Social and Family Affairs and the P35 files (employer end-of-year returns) of the Revenue Commissioners. The variables used were the date the PPSN was assigned, the nationality at that time, the age at that time, and sex.

For some persons, employment is recorded before the year the PPSN was issued. These numbers, which are relatively small, have been blanked in the headline table for clarity but are included in the detailed tables.

Some pensioners are included in the P35 data, but their numbers are small. Also, self-employed persons are excluded from the data for 2005 and 2006 if they had no P35 self-employed income and if they had no other work as an employee. The number of foreign nationals that would have been so excluded in 2005 and 2006 would be under 1,000 if the pattern for 2004 prevailed. While there are some signs of a shift from PAYE to self-employment and agency employment, particularly in the construction sector, it is not believed that this shift is so great as to affect the overall accuracy of the figures.

### **Nationality groups**

The category EU15 excl Ireland & the UK consists of Germany, France, Italy, the Netherlands, Belgium, Luxembourg, Denmark, Greece, Spain, Portugal, Austria, Finland and Sweden.

The category EU15 to EU25 states consists of the states that joined the EU on 1 May 2004: the Czech Republic, Cyprus, Estonia, Latvia, Lithuania, Hungary, Malta, Poland, Slovenia and Slovakia.

### **Definitions**

**Employment Activity:** Employment activity for the purposes of this release includes any persons appearing on the Revenue P35 files, or in the employment file within the Central Records System of the Department of Social and Family Affairs. The level of activity can vary from having worked one day in the year to working full-time throughout the year. Therefore the figures could include seasonal workers that arrive for the summer months and return to their country of origin at the end of the summer.

**Arrivals:** In this release, arrivals to Ireland in a particular year represent the number of PPS numbers allocated to foreign nationals in that year.

# Background to the study

The results presented in this release are based on a data-matching exercise undertaken by the CSO, for statistical purposes, of administrative data from of the Department of Social and Family Affairs and the Revenue Commissioners. This study was undertaken in line with the Statistics Act, 1993, and the CSO Data Protocol (available at http://www.cso.ie/releasespublications/CSOData Protocol.htm) governing data matching exercises undertaken by the CSO.