

Understanding migration trends in Scotland

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Outline

- **Migration Statistics Quarterly Summary** for Scotland (MSQS): Overview
- **How we create the MSQS**
- **How other users can do this**
- **Adapting due to COVID-19** and adding additional insights data
- **The future:** Challenges due to changing data sources and COVID-19

Understanding migration is complex

- Range of data sources measuring different aspects of migration
- A lot of reporting focuses on trends at UK level



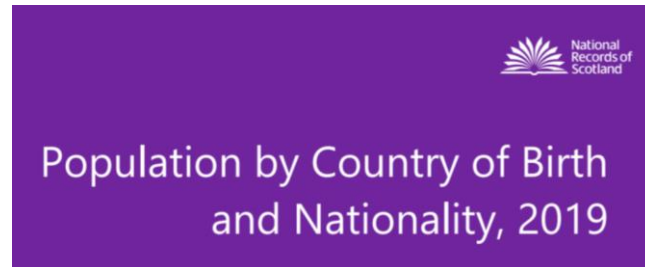
Migration Flows

Total Migration to or from Scotland

Migration within Scotland

Migration between Scotland and the Rest of the UK

Migration between Scotland and Overseas



National Statistics
Summary of latest statistics

Updated 27 November 2020



Release:

Long-term international migration estimates: 2019



National Statistics
National Insurance numbers allocated to adult overseas nationals to September 2020

Published 26 November 2020













Telling the story about what's happening to migration in Scotland




- Development of new output – [Migration Statistics Quarterly Summary for Scotland](#)
- Brings together the latest data from multiple sources
- Overview of key migration trends in Scotland, alongside comparable UK-level data
- Produced rapidly within a few hours of publication of data from other departments

Latest migration statistics for Scotland and the UK

To fully understand migration trends, we need to consider all available data sources and look at not just year-on-year change but also evidence over a longer time series. The table below sets out the latest estimates across a range of sources, and analysis over time is then shown on later slides.

- In the year to December 2019, 28,000 more people came to Scotland from overseas than left, adding to the population. There were 45,000 people moving to Scotland from overseas and 17,000 people leaving in this period.
- The number of non-British nationals living in Scotland stood at 388,000 people, which is an increase from the previous year.
- There were 26,200 National Insurance number (NINo) allocations to overseas nationals in Scotland in the year to September 2020. This is a reduction of 42% over the year. Over the most recent quarter, July to September 2020, there were 1,600 NINo registrations down 88% compared to the same quarter in 2019. The NINo allocation process was disrupted as a result of the pandemic which has resulted in a significant reduction in the number of NINos allocated.

| Measure | Source | Scotland | | | UK | | |
|---------------------------------------|--------|---|-----------------|-------------|---|-----------------|-------------|
| | | Change over year | Latest estimate | Year ending | Change over year | Latest estimate | Year ending |
| Net migration | LTIM* |  | +28,000 | Dec 2019 |  | +313,000 | Mar 2020 |
| In migration | LTIM* |  | 45,000 | Dec 2019 |  | 715,000 | Mar 2020 |
| Out migration | LTIM* |  | 17,000 | Dec 2019 |  | 403,000 | Mar 2020 |
| Non-British nationals | APS |  | 388,000 | Dec 2019 |  | 6,227,000 | Dec 2019 |
| National Insurance number allocations | DWP |  | 26,200 | Sep 2020 |  | 448,300 | Sep 2020 |

 Increase
  Decrease
  Change is not statistically significant

* Experimental statistics undergoing development

Migration flows*

Scotland

UK

Estimates of long-term international migration (LTIM) to Scotland and the UK, measuring those with an intention to stay 12 months or more.

Covering periods prior to the pandemic, international migration continued to add to the population at both UK and Scotland level.

At Scotland level:

- In the year to December 2019, 28,000 more people came to Scotland from overseas than left.
- This was a statistically significant increase from the previous year.

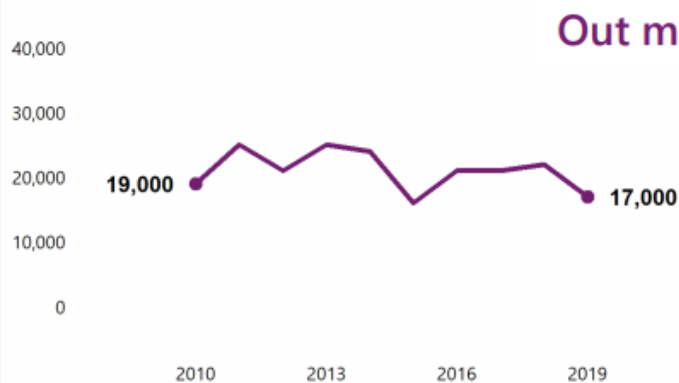
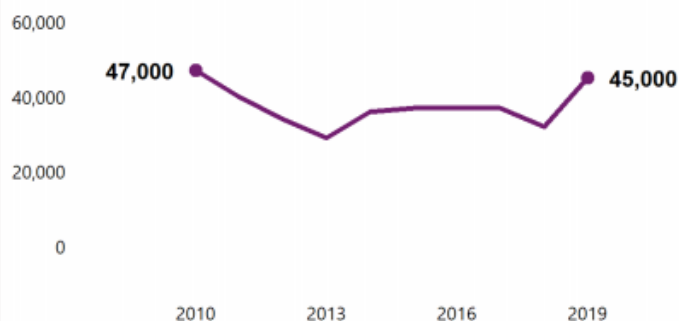
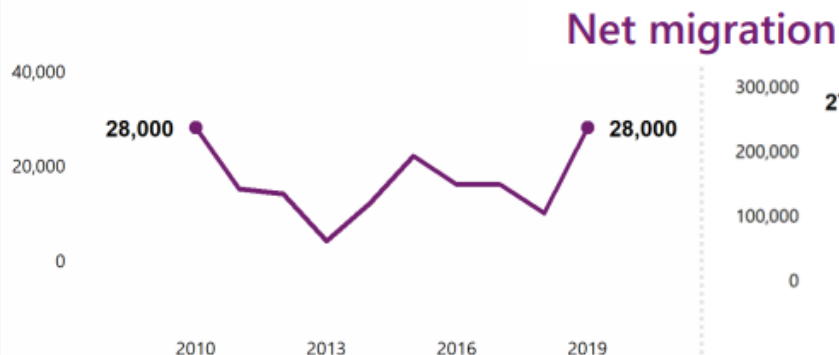
At UK level, in the year to March 2020**:

- 313,000 more people came to the UK than left, adding to the UK's population.
- There were 715,000 people moving to the UK and 403,000 people leaving the UK in this period.
- After having remained stable between 2016 and 2019, recent data suggest that migration levels were beginning to increase in the past 12 months leading up to the coronavirus pandemic.

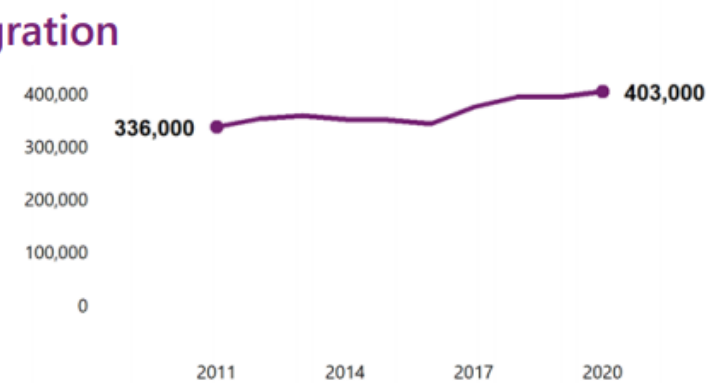
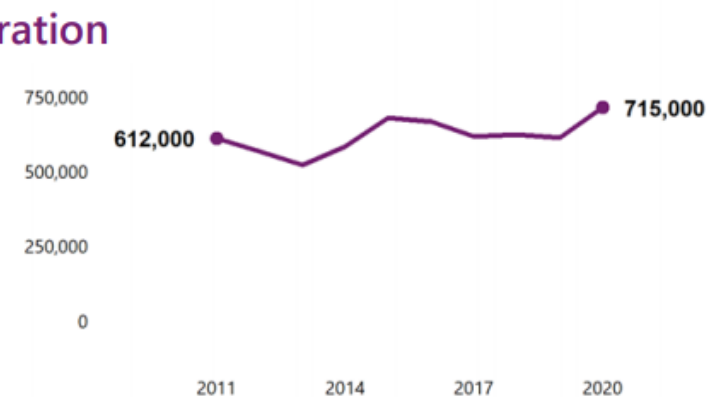
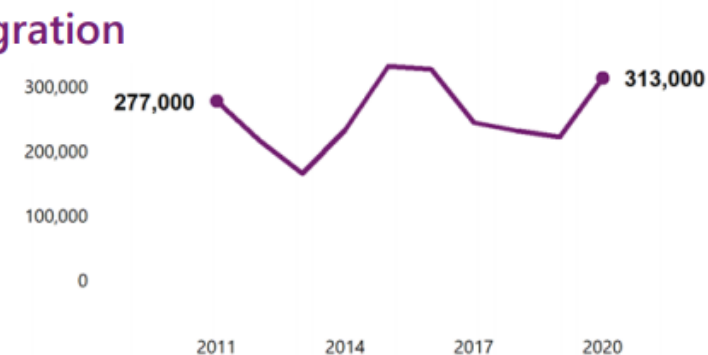
* Experimental statistics undergoing development

** LTIM estimates have not been updated at UK-level due to the suspension of the IPS in March 2020.

Long-term International Migration to year ending: Dec 2019



Long-term International Migration to year ending: Mar 2020



Migrant stocks*

Estimates of the number of non-British nationals living in Scotland and the UK at a particular point in time, from the Annual Population Survey (APS).

In Scotland:

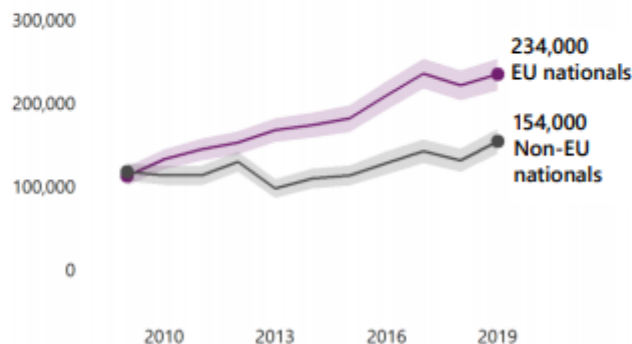
- There were 234,000 EU nationals living in Scotland in the year to December 2019, and over half of those people were nationals of EU8 countries.
- There were 154,000 non-EU nationals, accounting for 40% of the non-British population.
- Polish remained the most common non-British nationality in the year to December 2019, with Polish nationals accounting for almost a quarter (23%) of all non-British nationals living in Scotland.

In the UK:

- The non-British population of the UK was 6.2 million in the year to December 2019, where around 1 in 11 of the UK population had a non-British nationality and the majority (60%) of these held an EU nationality.
- Polish has been the most common non-British nationality (900,000) in the UK since 2007. Polish nationals accounted for 14% of the total non-British residents in the UK in the year ending December 2019.

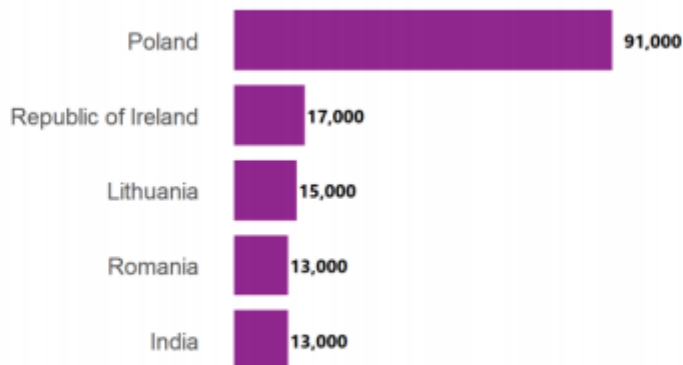
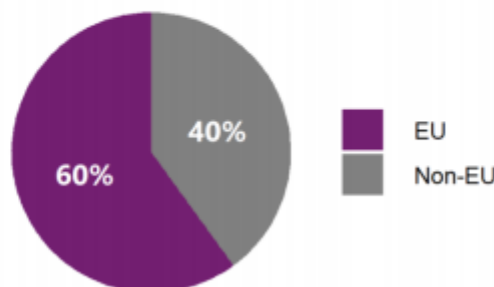
Scotland

Migrant stocks to year ending: Dec 2019



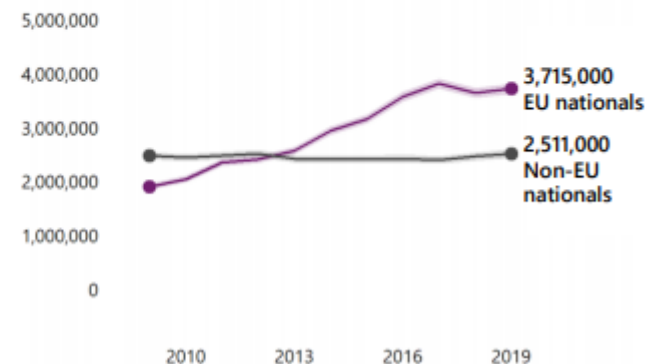
Non-British nationals in Scotland: 388,000

7.2% of total population



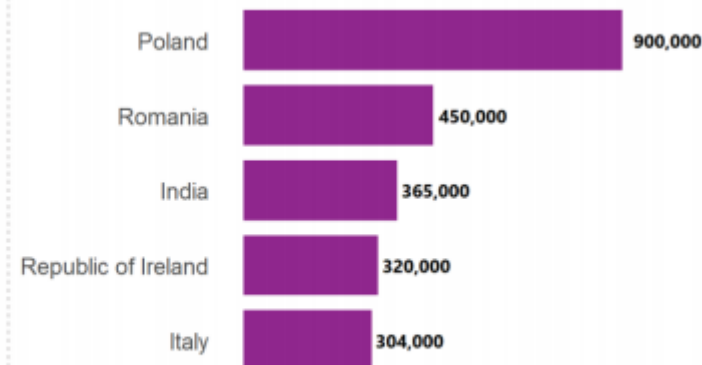
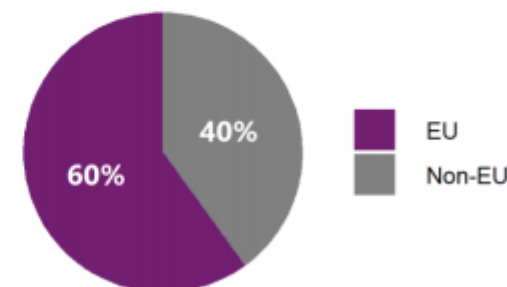
UK

Migrant stocks to year ending: Dec 2019



Non-British nationals in the UK: 6,227,000

9.4% of total population



*Updates have been delayed to 14 January 2021 due to work to reweight the APS which has been impacted by the coronavirus pandemic.

**Shaded sections indicate the 95% confidence intervals

National Insurance number (NINo) allocations

In the year ending September 2020:

- From the EU, Scotland received most registrations from EU14 countries (6,500); from non-EU, Scotland received most registrations from Asia (7,800).
- From the EU, the UK received most registrations from EU14 countries (104,900); from non-EU, the UK received most registrations from Asia (135,200).

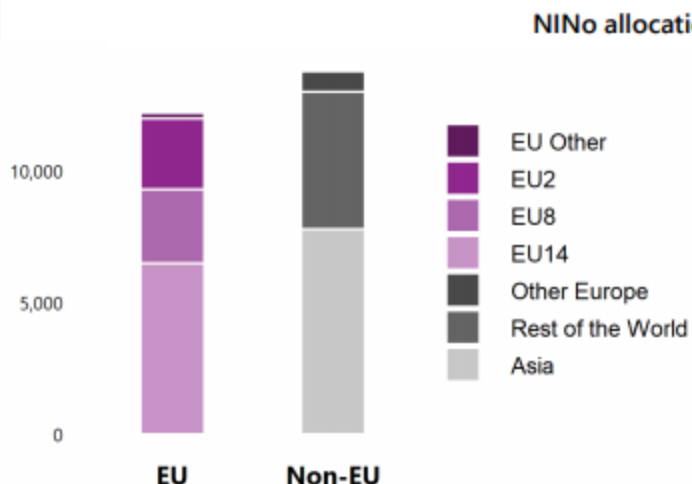
The most common individual countries applying for NINo:

- In Scotland**, Romania (57% decrease from previous year) from the EU and India (18% decrease from previous year) from outside of the EU.
- In the UK**, Romania (54% decrease from previous year) from the EU and India (8% decrease from previous year) from outside the EU.

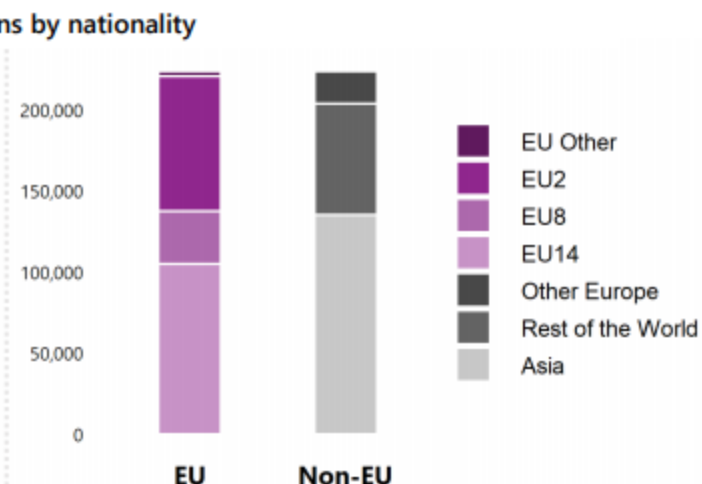
The Scottish council area that had the most new registrations in the year to September 2020 was Glasgow City (7,800, 30% of total registrations).

At UK level, the local authority with the most registrations was Newham (13,300, 3% of total registrations).

Scotland



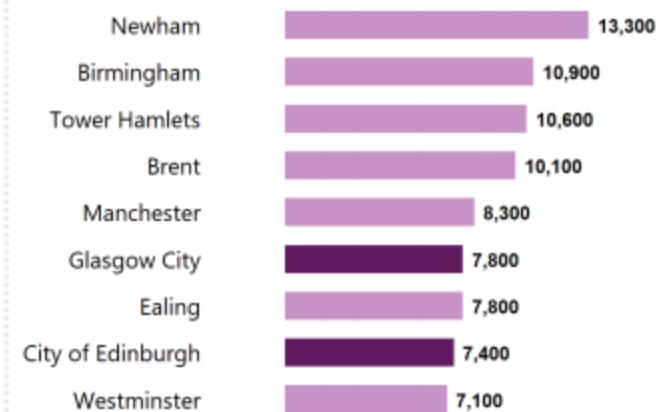
UK



Top 5 EU and non-EU countries

| EU | | Non-EU | | EU | | Non-EU | |
|----------|-------|---------------|-------|----------|--------|---------------|--------|
| Romania | 1,900 | India | 2,800 | Romania | 64,500 | India | 66,500 |
| Poland | 1,600 | Nigeria | 1,000 | Italy | 26,400 | Pakistan | 15,600 |
| Spain | 1,500 | China | 900 | Spain | 20,000 | Nigeria | 11,200 |
| Italy | 1,300 | United States | 800 | Bulgaria | 18,800 | China | 9,200 |
| Bulgaria | 800 | Pakistan | 800 | Poland | 16,400 | United States | 8,300 |

Top 10 local authorities



The data in this section comes from the Home Office. The refugee data is released quarterly, three months after the reporting period. It covers Refugees (and others) resettled under the Vulnerable Persons Resettlement Scheme. The citizenship data is released once a year in May and it has a 6 month lag. It indicates the number of people attending British citizenship ceremonies in the past year.

Refugees*

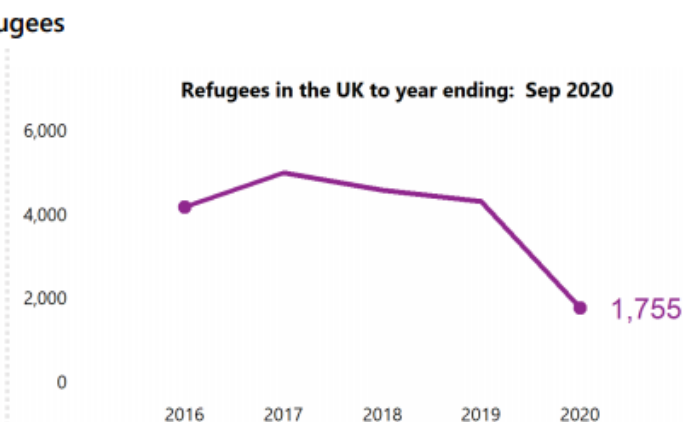
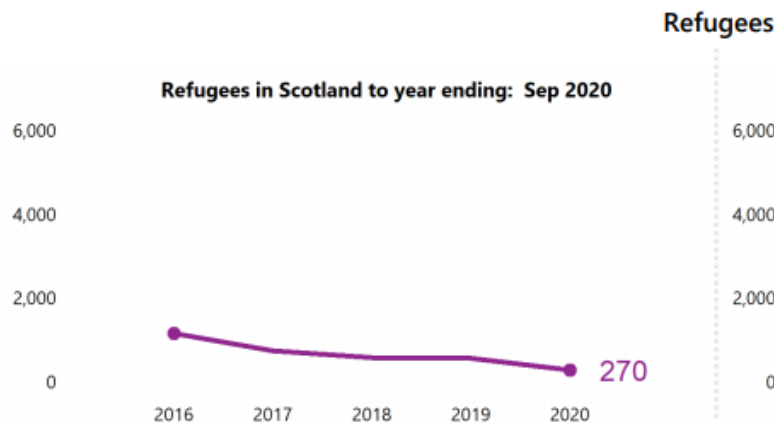
In the year ending September 2020, there were 270 refugees (51% decrease from previous year) resettled in Scotland and 1,755 (59% decrease from previous year) in the whole of the UK.

In Scotland, City of Edinburgh had the most resettled refugees at 61 (133 in previous year). In the UK, it was Gateshead at 64 (73 in previous year).

Citizenships

The labels on the graph indicate the number of people attending British citizenship ceremonies and change over year for each authority.

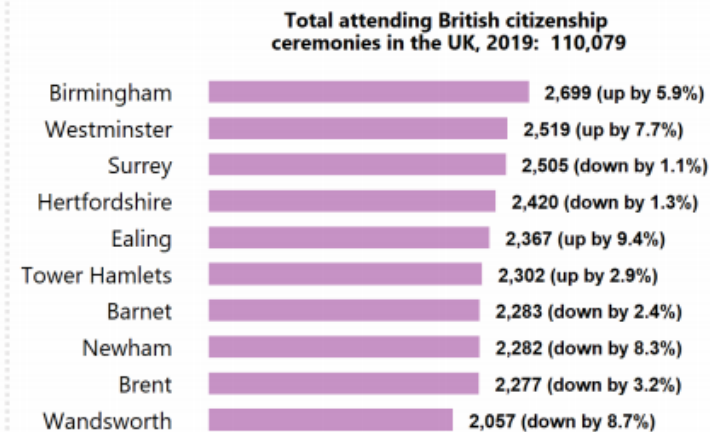
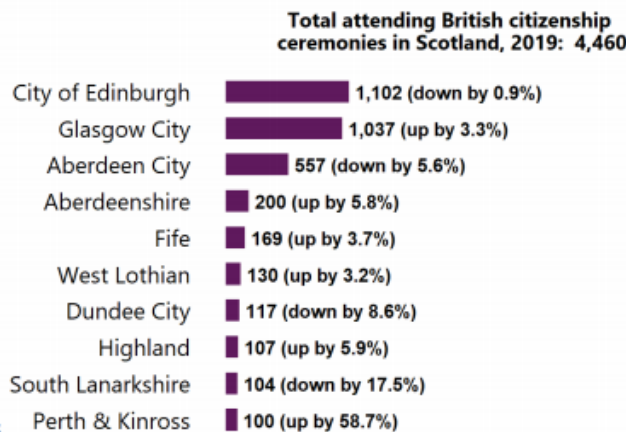
In Scotland, Edinburgh City had the most people attending British citizenship ceremonies (25% of total attendees in Scotland). In the whole of the UK, it was Birmingham (2% of total attendees in the UK).



Top 5 Authorities

| Authority | Resettled Refugees | % of Total | Authority | Resettled Refugees | % of Total |
|-------------------|--------------------|------------|------------------------|--------------------|------------|
| City of Edinburgh | 61 | 22.6 | Gateshead | 64 | 3.6 |
| North Ayrshire | 36 | 13.3 | City of Edinburgh | 61 | 3.5 |
| Glasgow City | 29 | 10.7 | Newry, Mourne and Down | 50 | 2.8 |
| Highland | 20 | 7.4 | Redcar and Cleveland | 50 | 2.8 |
| Dundee City | 18 | 6.7 | Bristol, City of | 45 | 2.6 |

Citizenships



*Due to the coronavirus pandemic, no resettlement activity was undertaken in Q2 (April to June) and Q3 (July to September) of 2020. Therefore, no data is available for these months.

What software do we use?

- Rapidly analyse datasets using R and R Markdown
- **R** is a programming language and free software environment
- Create charts using the R package **ggplot2**
- **R Markdown** turns analysis in R into documents, reports, presentations or dashboards



How do we do this?

- Download the data from the respective websites at 9.30am
- Update eight lines of code in R
- R Markdown produces a document containing:
 - Charts
 - Automated text
 - Automated analysis such as calculating statistical significance

How can other users do this?

- Most data sources mentioned are available at local authority level
 - NINo data available at lower geographies, i.e. Middle Layer Super Output Area (MSOA), on Stat-Xplore
- Local area migration tools are also available ([NRS](#) and [ONS](#))
 - Bringing together various migration-related indicators
 - Time series

Select data

Flows: The number of individuals migrating to and from Scotland, its council areas and health boards (e.g. flows in year ending 30 June 2019).

NINo: The number of National Insurance Number allocations to overseas nationals entering the UK.

Stocks: The number of non-British nationals and non-UK born living in Scotland (total numbers as at a particular point in time).

Other: The number of pupils from minority ethnic groups, the number of pupils who have English as an additional language and the number of births to non-UK mothers.

Select your choice of indicators below:

Indicator type:

- NINo
- Other
- Stocks
- Flow

Indicator

Total Net Migration

Area type:

- Council Area
- Health Board

Area

Aberdeen City City of Edinburgh Dundee City Glasgow City

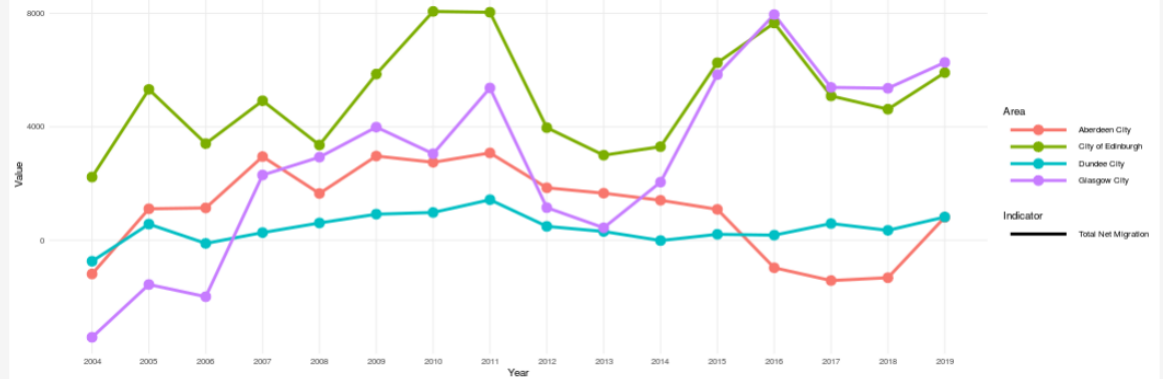
Year range:



Show:

- Absolute values
- Rate per population*

*Rate per population refers to the rate per 1,000 of the resident population for that area at the mid-year (as at 30 June) of the relevant year.



Copy CSV PDF Print

Search:

| | Area | Area Type | Indicator | Indicator Type | Year | Year Type | Measure Type | Value | Rate |
|----|-------------------|--------------|---------------------|----------------|------|-----------|--------------|-------|--------------|
| 1 | Aberdeen City | Council Area | Total Net Migration | Flow | 2004 | Mid-Year | Count | -1190 | -5.726109133 |
| 2 | City of Edinburgh | Council Area | Total Net Migration | Flow | 2004 | Mid-Year | Count | 2230 | 5.001457824 |
| 3 | Dundee City | Council Area | Total Net Migration | Flow | 2004 | Mid-Year | Count | -740 | -5.171208945 |
| 4 | Glasgow City | Council Area | Total Net Migration | Flow | 2004 | Mid-Year | Count | -3420 | -6.004635157 |
| 5 | Aberdeen City | Council Area | Total Net Migration | Flow | 2005 | Mid-Year | Count | 1110 | 5.318894053 |
| 6 | City of Edinburgh | Council Area | Total Net Migration | Flow | 2005 | Mid-Year | Count | 5320 | 11.83616259 |
| 7 | Dundee City | Council Area | Total Net Migration | Flow | 2005 | Mid-Year | Count | 570 | 3.969359331 |
| 8 | Glasgow City | Council Area | Total Net Migration | Flow | 2005 | Mid-Year | Count | -1560 | -2.740447958 |
| 9 | Aberdeen City | Council Area | Total Net Migration | Flow | 2006 | Mid-Year | Count | 1140 | 5.438152936 |
| 10 | City of Edinburgh | Council Area | Total Net Migration | Flow | 2006 | Mid-Year | Count | 3410 | 7.543580214 |
| 11 | Dundee City | Council Area | Total Net Migration | Flow | 2006 | Mid-Year | Count | -110 | -0.767299107 |
| 12 | Glasgow City | Council Area | Total Net Migration | Flow | 2006 | Mid-Year | Count | -1990 | -3.500686064 |
| 13 | Aberdeen City | Council Area | Total Net Migration | Flow | 2007 | Mid-Year | Count | 2950 | 13.88431308 |
| 14 | City of Edinburgh | Council Area | Total Net Migration | Flow | 2007 | Mid-Year | Count | 4920 | 10.78852732 |
| 15 | Dundee City | Council Area | Total Net Migration | Flow | 2007 | Mid-Year | Count | 270 | 1.878914405 |
| 16 | Glasgow City | Council Area | Total Net Migration | Flow | 2007 | Mid-Year | Count | 2300 | 4.022666853 |
| 17 | Aberdeen City | Council Area | Total Net Migration | Flow | 2008 | Mid-Year | Count | 1650 | 7.709559854 |
| 18 | City of Edinburgh | Council Area | Total Net Migration | Flow | 2008 | Mid-Year | Count | 3360 | 7.327924627 |

Adapting due to COVID-19

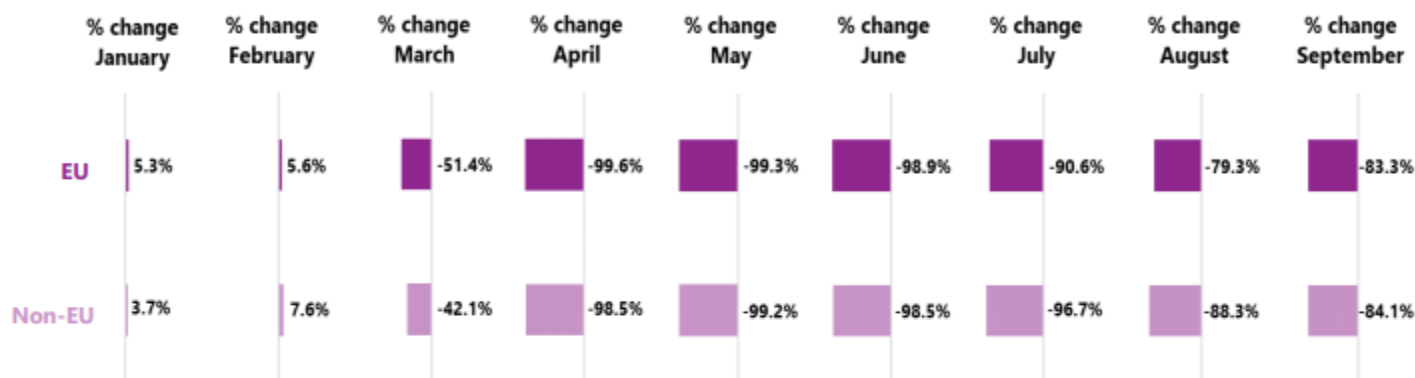
- Coronavirus pandemic has affected data sources:
 - Suspension of IPS has accelerated transformation of migration statistics (move to ABME)
 - APS had to move to telephone-only interviewing
 - Other operational disruptions (NINo)
 - Limited resettlement activity
- Adding additional travel insights: Civil Aviation Authority data

International travel patterns

The data in this section come from the Civil Aviation Authority. They cover travel patterns by all types of passengers, not just international migrants. Travel data can provide early insight and context to official statistics on international migration. However, they do not provide information about a passenger's nationality or country of residence. These statistics are therefore not a direct measure of migration and should not be interpreted as such; they include all air passengers and relate solely to travel patterns.

- There was **widespread decline in international air travel to Scotland since March 2020**.
- The volume of air passengers arriving to Scotland was significantly lower in March 2020 compared with March 2019. Due to widespread travel restrictions, April to June 2020 then saw further reductions compared with the same months in 2019, with a **reduction of over 98% in passenger arrivals at Scottish airports from both the EU and non-EU**.
- After travel restrictions began to ease from July 2020, there was some uplift in arrivals at Scottish airports; however, passenger arrivals between July and September 2020 remained significantly lower compared to the same months last year.

Annual percentage change in monthly air passenger arrivals at Scottish airports, January to September, 2019 and 2020



Monthly air passenger arrivals at Scottish airports, January to September, 2019 and 2020

| World Region of Airport | January | | February | | March | | April | | May | | June | |
|-------------------------|---------|---------|----------|---------|---------|---------|---------|-------|---------|-------|---------|-------|
| | 2019 | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 | 2020 |
| EU | 360,700 | 379,800 | 352,300 | 372,000 | 425,200 | 206,600 | 546,400 | 2,300 | 611,500 | 4,500 | 662,100 | 7,500 |
| Non-EU | 81,800 | 84,900 | 73,700 | 79,300 | 92,700 | 53,700 | 118,700 | 1,800 | 141,700 | 1,100 | 181,000 | 2,800 |

| World Region of Airport | July | | August | | September | |
|-------------------------|---------|--------|---------|---------|-----------|---------|
| | 2019 | 2020 | 2019 | 2020 | 2019 | 2020 |
| EU | 719,700 | 67,900 | 695,800 | 144,300 | 654,600 | 109,100 |
| Non-EU | 208,100 | 6,800 | 190,500 | 22,200 | 186,300 | 29,600 |

The future...

- Need to review and adapt our reporting as ONS develop admin-based migration estimates
- Monitor the impact of COVID-19
- Hope to continue using a range of sources to tell the story of what's happening to migration in Scotland

More info at:

<https://www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/migration/migration-statistics-quarterly-summary-for-scotland>

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