

Briefing Note

Mid-2019 population estimates – Aberdeen City

National Records of Scotland (NRS) published their 2019 Mid-year Population Estimates (MYEs) for Scotland on 30th April 2020. MYEs are published every year and give population estimates of an area as at 30th June. This note gives a brief summary of the 2019 MYEs for Aberdeen City.

Aberdeen City: On 30th June 2019 the population of Aberdeen City was estimated to be **228,670**. This equates to 4.2% of Scotland’s total population.

The estimated population has increased by 1,110 (0.5%) between mid-2018 (estimated population of 227,560) and mid-2019. In Scotland as a whole, the population increased by 0.5% from 5,438,100 to 5,463,300.

Table 1 shows the population estimates for Aberdeen City and Scotland for 2018 and 2019, giving the absolute and percentage change between these dates. It also gives a breakdown of population by gender. There are slightly more females than males in the City (50.2% compared to 49.8%).

Table 1: Population change by gender, Aberdeen City and Scotland, mid-2018 to mid-2019

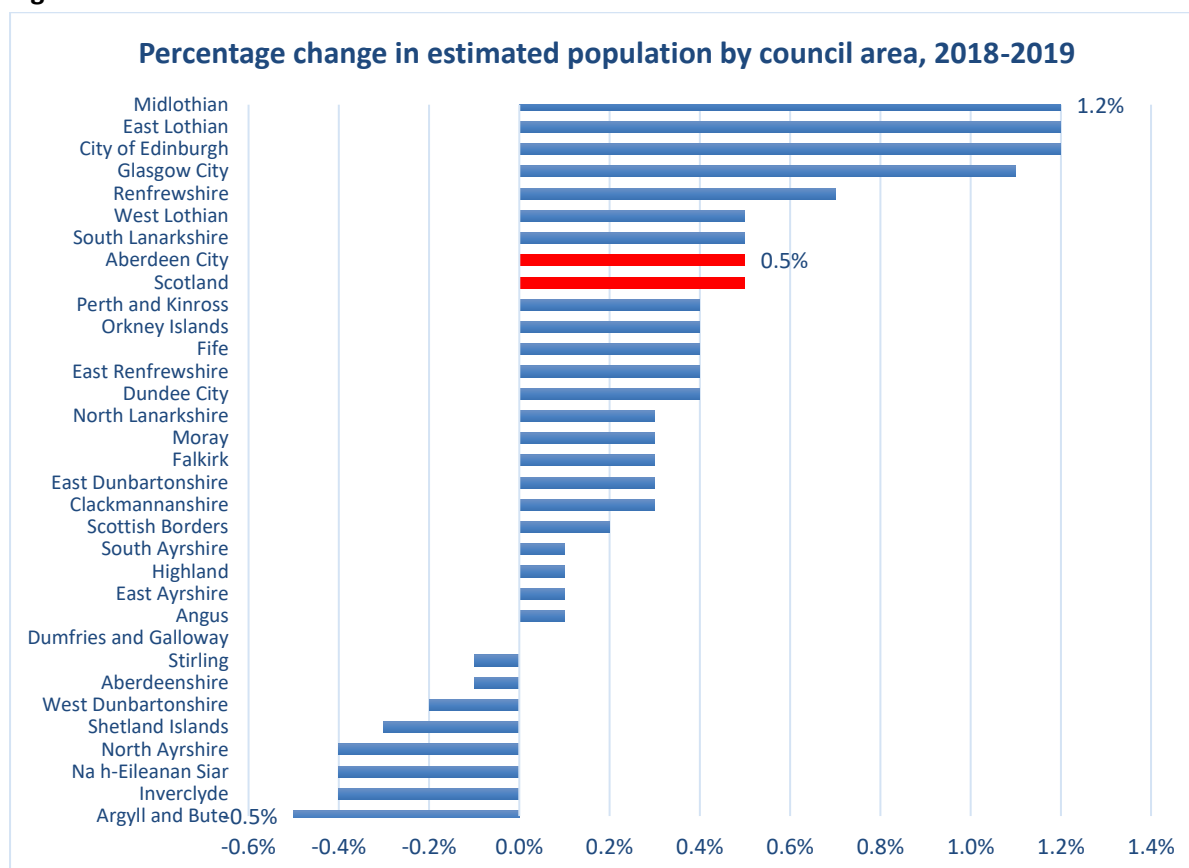
	2018	2019	Change	Percentage change
	n	n	n	%
Aberdeen City				
<i>Male</i>	113,252	113,797	545	0.5%
<i>Female</i>	114,308	114,873	565	0.5%
All persons	227,560	228,670	1,110	0.5%
Scotland				
<i>Male</i>	2,648,751	2,663,003	14,252	0.5%
<i>Female</i>	2,789,349	2,800,297	10,948	0.4%
All persons	5,438,100	5,463,300	25,200	0.5%

Source: National Records of Scotland, Mid-2019 Population Estimates, Scotland.

n = number, % = percentage

Comparison with other local authorities: Between mid-2018 and mid-2019, the population increased in 24 local authorities and decreased in 8 local authorities. The largest percentage decrease was in Argyll and Bute (-0.5%) and the largest percentage increases were in City of Edinburgh, East Lothian and Midlothian which all increased by 1.2%. Figure 1 shows the percentage change in population between mid-2018 and mid-2019 for all 32 council areas and for Scotland. Aberdeen City and Scotland are highlighted in red.

Figure 1



Source: National Records of Scotland, Mid-2019 Population Estimates, Scotland.

Components of change: Population change is calculated from two main components; (1) natural change (births minus deaths) and (2) net migration (the sum of migration to/from Scotland and internal migration). It also includes other changes (e.g. changes in prisoner and armed forces population) although these tend to make up a smaller proportion of changes. In Aberdeen City, there was both positive natural change between mid-2018 and mid-2019 (382) and positive net migration (810) over the period. In Scotland there was negative natural change and positive net migration. Table 2 shows the components of population change for Aberdeen City and Scotland.

Table 2: Components of population change, Aberdeen City and Scotland, mid-2018 to mid-2019

	Population 2018	Natural change	Net migration	Other changes	Population 2019	Total change	Percentage change
	n	n	n	n	n	n	%
Aberdeen City	227,560	382	810	-28	228,670	1,110	0.5%
Scotland	5,438,100	-5,573	30,200	573	5,463,300	25,200	0.5%

Source: National Records of Scotland, Mid-2019 Population Estimates, Scotland.

n = number, % = percent

Migration: The positive net-migration in Aberdeen City for 2018-2019 indicates that more people moved into the City than moved out of it. Table 3 gives a breakdown of the migration figures for Aberdeen City for 2018-2019. It shows the figures for in-migration and out-migration as well as net-

migration. Within-Scotland migration (i.e. movement between Aberdeen City and other parts of Scotland) made up the largest component of migration, accounting for 52.7% of all people moving into the City and 64.7% of people moving out of the City. Net Within Scotland migration was negative (i.e. more people moved out of Aberdeen to other areas of Scotland than moved into Aberdeen from other areas of Scotland). Net Rest of the UK migration (i.e. movement between Aberdeen City and other parts of the UK) also negative. However, net Overseas migration was positive with more people moving to Aberdeen from overseas than leaving to go overseas. The level of positive net Overseas migration was larger than the negative net Within-Scotland and Rest of UK migration, meaning that overall net migration to Aberdeen was positive.

Table 3: Components of migration, Aberdeen City, mid-2018 to mid-2019

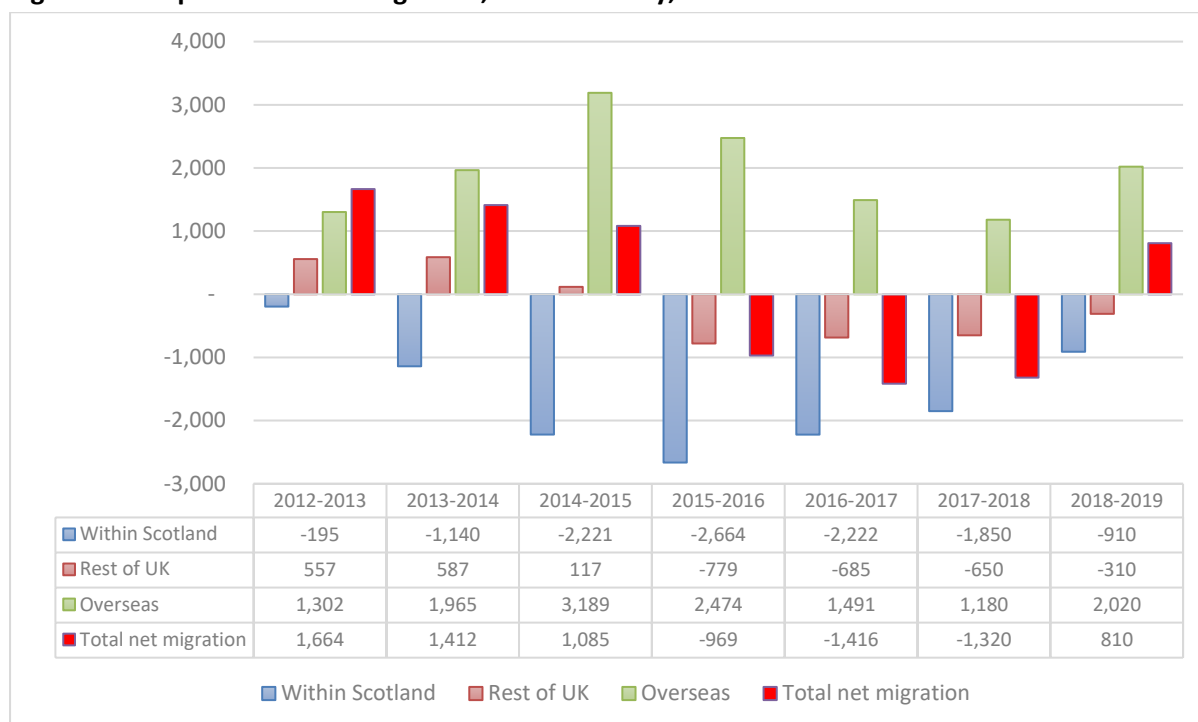
		Aberdeen City 2018-2019
In-migration	<i>Within Scotland</i>	6,280
	<i>Rest of UK</i>	2,030
	<i>Overseas</i>	3,590
	Total*	11,910
Out-migration	<i>Within Scotland</i>	7,190
	<i>Rest of UK</i>	2,340
	<i>Overseas</i>	1,570
	Total*	11,100
Net-migration	<i>Within Scotland</i>	-910
	<i>Rest of UK</i>	-310
	<i>Overseas</i>	2,020
	Total*	810

Source: National Records of Scotland, Mid-2019 Population Estimates, Scotland.

*Due to rounding, totals may not match.

Migration over time: Figure 2 shows the contribution of different components of **net** migration to Aberdeen City for 2012-2013 to 2018-19. Levels of negative net migration between Aberdeen City and other parts of Scotland and the Rest of UK (which peaked between 2015 and 2016) have reduced steadily in the last few years. Similarly, after several years of decreases, the level of positive net overseas migration has increased. This combination has resulted in net migration to Aberdeen City being positive for the first time since 2014-2015.

Figure 2: Components of net migration, Aberdeen City, 2012-13 to 2018-19



Source: National Records of Scotland, Mid-2018 Population Estimates, Scotland.

Age and sex structure: Table 4 shows the age and sex structure for Aberdeen City and Scotland. It presents the proportion of the population by gender for three age categories – under 16 years, working age and pensionable age. It also shows the median age of the population. The median age in Aberdeen City is lower than that for Scotland (37.3 years compared to 42 years). This is consistent with the higher proportion of people of working age and lower proportion of people of pensionable age in Aberdeen City compared to Scotland.

Table 4: Age and sex structure of population, Aberdeen City and Scotland, 2019

	Median age	Percentage under 16 years	Percentage working age ¹	Percentage pensionable age ²	Sex Ratio ³
Aberdeen					
<i>Males</i>	36.7 years	16%	70%	14%	
<i>Females</i>	38.0 years	15%	68%	17%	
All persons	37.3 years	15%	69%	15%	0.99
Scotland					
<i>Males</i>	40.6 years	18%	65%	17%	
<i>Females</i>	43.4 years	16%	64%	20%	
All persons	42.0 years	17%	64%	19%	0.95

Source: National Records of Scotland, Mid-2019 Population Estimates, Scotland.

- 1) Working age at 30 June 2019 is defined as people aged 16 to approximately 65 years and 145 days..
- 2) Pensionable age at 30 June 2019 was approximately 65 years and 146 days.
- 3) The sex ratio is the male population divided by the female population.

Population pyramids: Figures 3 and 4 show the population of Aberdeen City and Scotland respectively, highlighting the differences in the age structures between both areas.

Figure 3

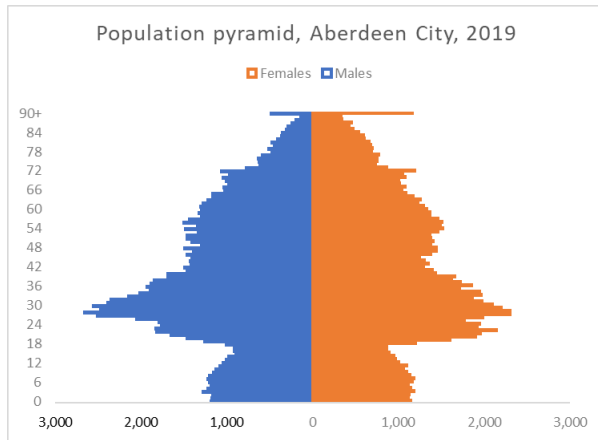
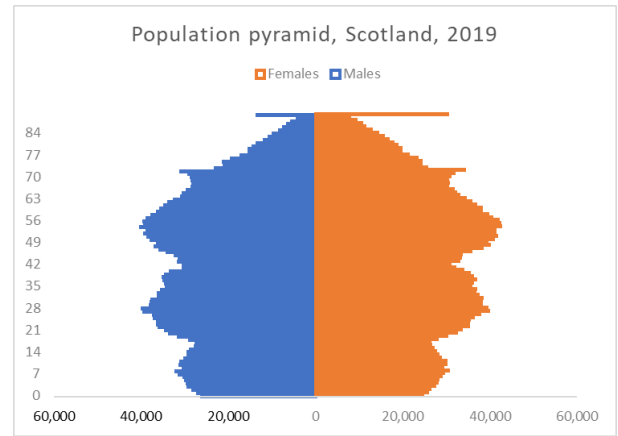


Figure 4

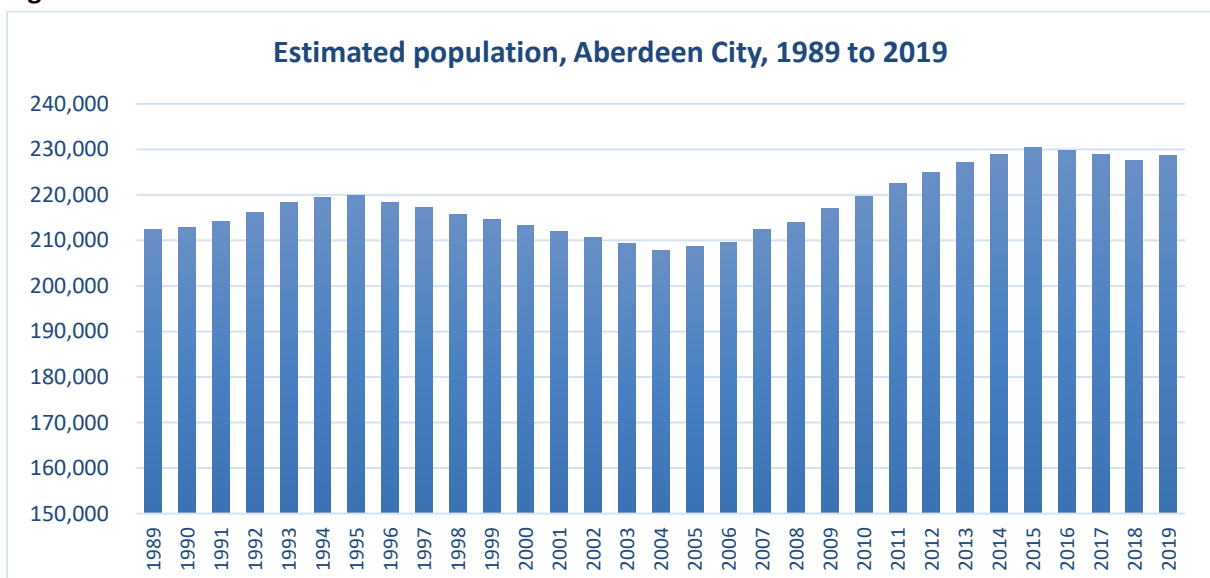


Source: National Records of Scotland, Mid-2019 Population Estimates, Scotland.

Full details of population estimates by sex and single year of age are given in Appendix 1.

Population change over time: Over the past 30 years, the population of Aberdeen City has experienced periods of increase and decrease. Most recently, from a peak of 230,350 in 2015, the population decreased in each of the three subsequent years. However, between mid-2018 and mid-2019, Aberdeen City’s population increased by 0.5% to 228,670. Figure 5 shows the population of the City for the 30-year period between 1988 and 2018.

Figure 5



Source: National Records of Scotland, Population Estimates Time Series Data.

Summary

On 30th June 2019 the estimated population of Aberdeen City was **228,670** – slightly more than half of the population was female. The estimated population in 2019 was 0.5% higher than the previous year's population. Both positive natural change (more births than deaths) and positive net migration (driven by higher levels of overseas net migration) have contributed to the increase in population over the last year. Comparison of the age structure in Aberdeen and Scotland shows that, broadly speaking, the population of Aberdeen City is younger than that for Scotland as a whole.

Full details of the mid-2019 population estimates are available from the National Records of Scotland website: <https://www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/population/population-estimates/mid-year-population-estimates>

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Appendix 1: Mid-2019 Population Estimates by age and sex, Aberdeen City

Age	Total	Male	Female	Age	Total	Male	Female	Age	Total	Male	Female
0	2,332	1,186	1,146	30	4,645	2,553	2,092	60	2,622	1,297	1,325
1	2,286	1,169	1,117	31	4,361	2,386	1,975	61	2,592	1,299	1,293
2	2,287	1,160	1,127	32	4,211	2,350	1,861	62	2,501	1,273	1,228
3	2,449	1,271	1,178	33	4,116	2,148	1,968	63	2,468	1,215	1,253
4	2,362	1,223	1,139	34	3,958	2,012	1,946	64	2,339	1,166	1,173
0-4 years	11,716	6,009	5,707	30-34 years	21,291	11,449	9,842	60-64 years	12,522	6,250	6,272
5	2,297	1,185	1,112	35	3,611	1,895	1,716	65	2,244	1,161	1,083
6	2,360	1,201	1,159	36	3,781	1,930	1,851	66	2,068	1,028	1,040
7	2,399	1,221	1,178	37	3,601	1,884	1,717	67	2,111	1,032	1,079
8	2,337	1,205	1,132	38	3,471	1,849	1,622	68	1,990	979	1,011
9	2,252	1,157	1,095	39	3,345	1,689	1,656	69	2,000	1,001	999
5-9 years	11,645	5,969	5,676	35-39 years	17,809	9,247	8,562	65-69 years	10,413	5,201	5,212
10	2,182	1,126	1,056	40	3,114	1,682	1,432	70	2,244	1,161	1,083
11	2,173	1,080	1,093	41	2,856	1,460	1,396	71	2,068	1,028	1,040
12	2,040	1,038	1,002	42	2,783	1,494	1,289	72	2,111	1,032	1,079
13	1,964	1,001	963	43	2,765	1,414	1,351	73	1,990	979	1,011
14	1,922	973	949	44	2,718	1,421	1,297	74	2,000	1,001	999
10-14 years	10,281	5,218	5,063	40-44 years	14,236	7,471	6,765	70-74 years	10,413	5,201	5,212
15	1,781	889	892	45	2,653	1,404	1,249	75	1,376	626	750
16	1,771	909	862	46	2,839	1,463	1,376	76	1,378	627	751
17	1,772	914	858	47	2,825	1,386	1,439	77	1,351	583	768
18	2,205	1,006	1,199	48	2,926	1,487	1,439	78	1,158	472	686
19	2,857	1,256	1,601	49	2,675	1,296	1,379	79	1,207	514	693
15-19 years	10,386	4,974	5,412	45-49 years	13,918	7,036	6,882	75-79 years	6,470	2,822	3,648
20	3,355	1,458	1,897	50	2,818	1,410	1,408	80	1,117	441	676
21	3,597	1,647	1,950	51	2,837	1,466	1,371	81	1,124	471	653
22	3,960	1,816	2,144	52	2,822	1,459	1,363	82	1,015	410	605
23	3,748	1,829	1,919	53	2,793	1,336	1,457	83	951	361	590
24	3,699	1,758	1,941	54	2,994	1,483	1,511	84	888	349	539
20-24 years	18,359	8,508	9,851	50-54 years	14,264	7,154	7,110	80-84 years	5,095	2,032	3,063
25	3,560	1,788	1,772	55	2,822	1,337	1,485	85	774	303	471
26	4,035	2,052	1,983	56	3,003	1,501	1,502	86	711	288	423
27	4,805	2,505	2,300	57	2,894	1,432	1,462	87	688	236	452
28	4,956	2,660	2,296	58	2,656	1,294	1,362	88	527	189	338
29	4,667	2,469	2,198	59	2,688	1,322	1,366	89	471	140	331
25-29 years	22,023	11,474	10,549	55-59 years	14,063	6,886	7,177	85-89 years	3,171	1,156	2,015
								90+	1,641	484	1,157
								All	228,670	113,797	114,873