



The Scottish
Government

**'GREEN BOOK'
FOR
GRANT AIDED EXPENDITURE**

**LOCAL GOVERNMENT FINANCE
SETTLEMENT 2016 – 2017**

2016-17

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1 Introduction and Background

1.1 Context

This report details the needs-based Grant Aided Expenditure methodology, data and calculations central to the Scottish Government's distribution of total revenue funding between Scotland's 32 local authorities for financial year 2016-17. Any changes since the 2015-16 local government finance settlement are also explained.

Grant Aided Expenditure (GAE) and Special Islands Needs Allowance (SINA) are the first steps in the calculation of the General Revenue Grant (GRG) which each local authority receives annually from the Scottish Government. The subsequent steps in the calculation of GRG (not covered in this report) include support for servicing outstanding debt, protection against large year on year changes through the use of a funding floor and deductions using estimates of local authority Council Tax income. The 2016-17 settlement also includes a further funding floor to ensure that no local authority receives less than 85% of the Scottish adjusted average in terms of revenue support per head of population.

The full details behind the calculation of the 2016-17 allocations are set out in [Local Government Finance Circular No 1/2016](#) and are not covered in this report.

1.2 What is GAE?

GAE is a systematic means of allocating the pre-determined Spending Review funding totals equitably amongst local authorities, based on a 'client group approach' (described in next section). This client group approach does not determine the level of provision in absolute terms, nor its allocation between different services.

Total GAE is split into 89 individual local authority sub-services and has been maintained at the same levels since 2007-08 (see section 2.1). The individual sub-service totals are referred to as GAE 'lines' (for example, the Primary School Teaching Staff GAE line) and each has its own methodology to calculate the allocations for each local authority. Once all GAE lines have been calculated, the lines are summed to give GAE totals for each local authority.

Special Islands Needs Allowance for local authorities with island populations is calculated and added to the total GAE to give the Total Estimated Service Expenditure by local authority. This is combined with the other items of provision as described in **Annex D** of the Local Government Finance Circular 1/2016 to give Updated Service Provision (Column 1 in **Annex C** of the Circular).

It is important to note that the individual service GAE allocations are not, or ever have been, budgets or spending targets but are simply an allocation methodology designed to distribute the overall levels of resources to be made available. They are not intended to be used by local authorities to allocate resources. The decisions about the amounts allocated to individual services are made entirely by the local authority on the basis of local needs, having first fulfilled its statutory obligations and the jointly agreed set of national and local priorities.

1.3 The Client Group Approach (i.e. GAE Methodology)

The client group approach is an objective method used to estimate, within a controlled total, the relative GAE of local authorities and is designed to take into account variations in the demand for services and the costs of providing them to a similar standard and with a similar degree of efficiency. Central to the approach is the identification of factors associated with inter-authority expenditure variation.

Statistical data describing the 'clients' that are understood to benefit from each individual GAE service are used to achieve this (for example, the number of school pupils is used as an indicator of expenditure on school teaching staff). These data are referred to as primary indicators.

The primary indicator is considered to be the most significant single determinant of expenditure on a service. Composite primary indicators are single indicator expressions which encompass a number of factors, each considered to be plausibly associated with inter-authority variation in expenditure.

In addition, demand and cost factors which are outwith the control of local authorities, which offer plausible explanation for, and which can be shown to be associated with, inter-authority expenditure variation are utilised as secondary indicators. Examples of these include indicators of population dispersion (i.e. rurality) and deprivation.

Secondary indicators must be factors which plausibly affect either the demand for services or the unit cost of meeting that demand. They were selected after thorough discussions with local authorities and other service specialists. In addition, the secondary indicator must be shown to be clearly correlated with inter-authority variations in expenditure. The size of the allowance made for a secondary indicator is derived mathematically from the relationship between past expenditure and the secondary indicator, and results in some redistribution of relative GAE. For instance, Grant Aided Expenditure for primary school teaching staff has been adjusted by a secondary indicator which takes account of the higher ratio of staff to pupils in rural areas.

For the 2016-17 calculations, all secondary indicators have been tested against the latest available expenditure data from the 2013-14 Local Financial Returns that are collected from local authorities by the Scottish Government. The test is a simple linear regression to measure the relationship between the secondary

indicator and expenditure per primary indicator. The regression coefficient calculated is used to determine the redistributive effect of the secondary indicator. For all secondary indicators, the newly calculated coefficient is re-priced in order to update it from the year of analysis of past expenditure to the year for which GAE is being estimated. Finally, in the interests of stability, they are averaged with the coefficient used in the previous settlement (2015-16).

The client group approach used in GAE is well established, and much of the methodology is unchanged between settlements. A full description of the Client Group Approach is provided in [Finance Circular 11/1992](#).

2 Changes Since the Last Settlement

2.1 Comparison to 2015-16 Settlement

All the needs-based indicators used in GAE assessments have, where possible, been updated to use the most up-to-date data available.

All GAE line totals remain at the same levels as the 2015-16 settlement. This is in keeping with the practice introduced for the 2008-11 settlement where individual service and sub-service level GAEs were generally kept the same as those from the previous settlement. GAE plus SINA totals for each local authority are used to distribute any additional changes in funding resulting from subsequent Spending Reviews.

2.2 Data Issues

The Data Issues Working Group (DIWG) is the technical advisory group, comprising of representatives of the Scottish Government and local government (including COSLA), which exists to assist the analytical work undertaken in support of the Grant Aided Expenditure (GAE) calculations. The work programme of the DIWG is directed by the Settlement and Distribution Group (SDG), which was established to oversee all matters relating to the local government finance settlement. Data issues dealt with through the DIWG since the last settlement are listed below.

Secondary Indicator Review 2015

Fifteen secondary indicators were tested, thirteen of which returned significant values to confirm that the expected relationships still exist. Further details of the indicators failing the testing are provided below.

School Non-Teaching Staff (SNTS): This is the fourth time in a row that the secondary indicator (Urban Settlement Pattern) has failed to display a statistically significant relationship with the primary indicator (expenditure per pupil).

Street Cleaning : This allocation uses two secondary indicators to redistribute funding. The Road density/area deprivation secondary indicator continues to display a statistically significant relationship with expenditure per km of road. However, for the second time, the Tourism Share of Adjusted Population secondary indicator failed the statistical testing. .

Protocol for dealing with failing secondary indicators (Annex 2 of [Finance Circular No 11/1992](#)) is that if an indicator fails for two years in a row “it is either removed from the estimate of GAE or a new treatment is introduced based on the results of a review of the service”.

The DIWG reviewed the SNTS GAE line and concluded that there was no longer a clear rationale for the use of the urban settlement pattern as a secondary indicator. In discussion, the group found plausible explanations why both urban and rural areas may experience additional cost pressures and the relationship between expenditure per pupil and urban settlement pattern is no longer borne out by the data. In the absence of particularly strong alternative options for a secondary indicator and in light of concerns about the consistency of expenditure data the group agreed that, in line with GAE convention, the secondary indicator be removed from the GAE calculation.

The DIWG noted the relatively small amount of funding redistributed by the Tourism Share of Adjusted Population secondary indicator. While the group agreed that it was plausible that tourism share of population was likely to impact on the need for street cleaning they acknowledged that this is no longer evident from the data. It was noted that tourism data varied significantly from year to year for some councils depending on what events were taking place in the area. The group agreed that the Tourism share of population indicator be dropped from the calculation. The group also agreed that the relationship should be tested next year to confirm the status of the indicator.

The Settlement and Distribution Group agreed that the two indicators that failed statistical testing should be dropped from this year’s settlement calculations..

Mid-year Population Estimates

The 2016-17 settlement calculations use the latest population estimates from National Records for Scotland. The latest mid-year estimates available at the time of the settlement calculations were for 2014. National Records of Scotland (NRS) announced in October 2015 that they had found errors mainly affecting the age distribution of the mid-year population estimates for 2002 to 2014, caused by an issue with an input data set used in the calculation of the mid-year estimates, and unrelated minor processing errors.

The errors have only a very small effect on the total population estimates for council and NHS board areas. However, the errors do affect the age distribution of the population, particularly in the age range 17 to 25. NRS will not publish re-estimated mid-year estimates until April 2016, however did provide a provisional correction to apply to the published figures for use in the settlement calculations. Although not fully published or finalised, the DIWG

agreed that using published estimates with a provisional correction would achieve the best reflection of reality. It was acknowledged that these figures are not National Statistics and may change when the final corrected versions are published by NRS in April 2016.

Census 2011 Data Update

The two indicators of population distribution used within the GAE calculations - Settlement Pattern and Dispersion Index – have been updated to reflect 2011 Census results.

The methodology used to construct the Dispersion Index and Settlement Patterns were the same as used for the 2001 Census-based indicators. The only difference relates to the calculation of the dispersion index, which is a measure of the degree to which the population of an authority is spread across its area in relation to key settlements (defined as settlements with population >7,000). For the 2001 Census-based index the distance was calculated as the shortest distance. For the 2011 Census-based index, the SDG agreed to base the distance calculation on the shortest travel time, as this would give a more realistic and relevant measure as it was more likely to reflect the routes used.

A key element in the calculation of the Dispersion Index is the construction of key settlement “catchments”. This is done by calculating the minimum distance (in kilometres) from each output area to the centroid of all key settlements. These catchments were mapped for each local authority and circulated to local authority Population and Migration Statistic (PAMS) Group members for consultation. The local authority consultation resulted in a few small changes to the data. During the consultation a number of authorities commented that, although technically correct in terms of the definition of the indicator, the catchments presented did not reflect the reality of service provision in actuality. The DIWG acknowledged that the Dispersion Index calculation is a very specific measure to try to represent the physical dispersion of the local authority population and should not be influenced by local circumstances such as current service provision and road conditions.

Adults in Schools

The number of adults educated in secondary schools has historically been included in the total pupil numbers used in a number of GAE lines. The adult figures used in recent settlement calculations have been taken from the 1995 school census, due to concerns about the robustness of adult figures ever since the move across to the ScotXed data collection. The data is now 20 years out of date and therefore unsuitable for use in the allocation formula. Education colleagues have confirmed that, while there is an option for schools to record adults in their return, data on adults is no longer specifically asked for in the School Census. This means that data on adults in schools are not consistently or comprehensively collected across all local authorities as it is not currently mandatory to supply this information. The SDG agreed that the data is

therefore unsuitable for GAE purposes and data on adults have been excluded from the GAE calculations.

2.3 Specific GAE Assessments

Education Deprivation

The number of pupils registered for free school meals is the primary indicator used in the calculation of the Education Deprivation GAE. The introduction of universal eligibility for P1-P3 means that, for these primary years, the indicator is no longer an appropriate measure of deprivation. The SDG agreed to use the average of 2012, 2013 & 2014 in the 2016-17 calculations so the indicator is unaffected by the new national eligibility for P1-P3.

Pre-School Education – Number of Registrations

The primary indicator used to allocate Pre-School Education GAE is the number of pre-school registrations of 4 year olds, as collected in the Pre-School Census. Due to ongoing improvements in the collection process, 2015 Pre-School Census data was not available in time for the 2016-17 GAE calculation. The latest data available were therefore from the 2014 Pre-School Census data. However, there were issues with the age data collected in the 2014 Census due to changes in terminology referring to 3 and 4 year olds, to reflect provision under the new Children and Young People (CYP) Act that came in to force on 1 August 2014. Previously children within these age categories had been referred to as 'ante pre-school' and 'pre-school' respectively. Some centres provided details based on age at census week rather than academic year group which led to an inflated number of 3 year olds and a deflated number of 4 year olds as at September 2014. The SDG agreed that the ratio of 4 years old registrations to the total 3 and 4 year old registration figure from the 2013 Census be applied to the total 3 and 4 year old figure from the 2014 Census allocations in order to estimate 4 year olds registrations in 2014.

Land Access GAE

Path length data from Scottish Natural Heritage used in the calculation of the Land Access line has not been updated since 2006. The DIWG were informed by the Scottish Government's National Parks & Outdoor Recreation team that an alternative indicator is still not yet available. The SDG agreed to continue to use path length data from 2006 and revisit for future settlements.

Road Lighting

The primary indicators used in the Winter Maintenance and Road Lighting GAE lines have historically distinguished between single and dual carriageway when estimating total lane length. For the 2011-12 settlement, due to the unforeseen impact of the DIWG decision to merge the two road length data collections carried out by the Scottish Government into one, the data collection did not

separately identify dual carriageways. Information on dual carriageways was subsequently re-introduced onto the data return in time for the 2012-15 settlement and the SDG agreed to use the dual carriageways data in the calculation of the primary indicator for Winter Maintenance. However, the dual carriageway data was not re-introduced to the Road Lighting calculation. For the 2016-17 settlement, in order to replicate the allocation methodology agreed before the unanticipated impact of merging the forms, the SDG agreed that the dual carriageway data be re-introduced into the calculation of the Road Lighting GAE.

Lines Previously Rolled Forward from Past Settlements

The Settlement and Distribution Group instructed to the DIWG to review all of the GAE lines that rolled forward allocation shares from previous settlements. Following review, the SDG agreed:

- National Priorities Action Fund and Former Excellence Fund both be allocated on the basis of Education GAE;
- Care Home Fees GAE be allocated on the same basis as Residential Accommodation for the Elderly;
- Mental Health GAE be allocated on the basis of the 16-64 year old population;
- Tackling and Preventing Homelessness GAE be allocated on the basis of the Homelessness GAE.

Civil Protection, Adult Literacy and Numeracy and New Towns Transfer will continue to be rolled forward from previous settlement. Civil Protection GAE will be revisited before the next settlement.

These changes reduce the amount allocated on historic shares from £488m (6.2%) to £21m (0.3%).

3 Settlement Checking Process

The remit of the Settlement and Distribution Group stated that the group feed into the checking of the local government finance settlement prior to publication. A major part of this checking relates to the GAE calculations to ensure that all the relevant indicators have been updated and the correct methodology applied. The checking took place on 21st December 2015, when local authority, COSLA and Scottish Local Government Partnership (SLGP) officials were given full access to the GAE calculations set out in this report.

4 Guide to the Tables

[Section 1](#) shows broad service level totals (i.e. education, social work, police, fire, roads and transport etc.) for 2016-17.

[Section 2](#) shows the 2016-17 calculations by sub service heading. For each GAE service heading all indicators (primary, secondary and composite) are shown and indicator notes, definitions and sources are all brought together to allow as much detail as possible in a single place, and under a single heading. Table notes may refer to an annex where further background data has been used in the construction of a particular indicator (for example population adjustments and construction of the composite indices).

An excel spreadsheet version of the tables which contains formulas showing the calculations of GAE shares is available online at the following link.

<http://www.gov.scot/Topics/Statistics/18209/2016-17settlement/2016-17greenbook>

5 Full (linked) List of Tables in Section 2:

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Summary of GAE Assessments by Service
2016-17

Local Authority	Education	Social Work	Roads & Transport	Leisure & Recreation	Cleansing & Environment	Elections & Taxation	Other Services	Teacher Remoteness & Distant Islands Allowances	TOTAL Grant Aided Expenditure	Special Islands Needs Allowance	£000s
											Estimated Service Expenditure
Aberdeen City	138,298	79,998	13,146	19,671	14,573	3,272	8,865	-501	277,322	0	277,322
Aberdeenshire	221,527	86,216	29,826	17,331	15,055	3,554	10,629	-571	383,567	0	383,567
Angus	93,513	49,034	10,784	8,203	6,716	1,653	4,586	-252	174,239	0	174,239
Argyll & Bute	73,012	37,729	13,693	5,980	6,225	1,846	4,391	-25	142,851	2,387	145,238
Clackmannanshire	40,970	19,717	3,740	3,811	3,107	674	2,648	-112	74,555	0	74,555
Dumfries & Galloway	123,077	66,144	19,723	10,937	9,351	2,460	6,667	-328	238,031	0	238,031
Dundee City	112,722	65,780	8,602	11,810	9,670	2,125	8,414	-324	218,798	0	218,798
East Ayrshire	97,819	50,651	9,750	8,988	7,329	1,624	4,672	-267	180,565	0	180,565
East Dunbartonshire	95,675	40,478	7,758	7,585	6,027	1,224	4,424	-234	162,937	0	162,937
East Lothian	83,093	39,352	7,504	7,093	5,846	1,327	3,497	-224	147,488	0	147,488
East Renfrewshire	96,491	34,811	6,710	6,372	5,183	1,001	3,466	-202	153,830	0	153,830
Edinburgh (City of)	300,914	184,636	23,315	43,302	32,713	7,166	18,580	-1,079	609,547	0	609,547
Eilean Siar	26,155	12,413	6,305	2,012	2,000	556	2,845	3,381	55,667	5,743	61,410
Falkirk	129,018	60,133	11,416	11,684	9,231	2,048	7,571	-345	230,756	0	230,756
Fife	300,851	147,473	26,365	25,062	21,750	5,002	18,478	-804	544,176	0	544,176
Glasgow City	437,314	253,991	33,999	58,084	41,843	8,943	44,704	-1,313	877,564	0	877,564
Highland	205,792	88,972	34,464	16,922	15,538	4,245	10,034	-392	375,574	421	375,994
Inverclyde	62,495	36,655	5,070	5,698	5,050	1,061	5,089	-175	120,945	0	120,945
Midlothian	74,207	32,114	6,485	6,136	4,947	1,115	3,434	-189	128,248	0	128,248
Moray	75,182	36,308	9,134	6,105	5,535	1,377	4,002	-208	137,437	0	137,437
North Ayrshire	113,433	60,743	10,297	9,625	8,405	1,942	7,653	-299	211,799	761	212,560
North Lanarkshire	293,615	129,477	22,110	24,799	20,420	4,250	16,644	-740	510,574	0	510,574
Orkney Islands	22,321	8,292	9,657	1,718	1,444	448	2,169	3,391	49,440	5,797	55,236
Perth & Kinross	112,361	62,019	14,804	10,581	9,074	2,330	6,357	-326	217,200	0	217,200
Renfrewshire	139,560	70,197	11,847	13,567	10,769	2,448	7,518	-382	255,525	0	255,525
Scottish Borders	93,033	48,109	14,067	8,043	7,073	1,931	4,271	-242	176,283	0	176,283
Shetland Islands	26,305	7,870	12,034	2,533	1,627	439	2,646	4,485	57,939	5,715	63,655
South Ayrshire	87,875	51,304	9,488	8,436	6,873	1,645	4,118	-246	169,493	0	169,493
South Lanarkshire	265,041	125,394	23,951	22,230	18,414	4,160	15,892	-691	474,392	0	474,392
Stirling	77,864	33,702	9,810	6,710	5,571	1,363	3,598	-200	138,417	0	138,417
West Dunbartonshire	77,558	39,551	5,765	6,492	5,676	1,245	3,861	-196	139,951	0	139,951
West Lothian	159,994	60,702	12,354	12,454	10,269	2,263	8,407	-388	266,054	0	266,054
Scotland	4,257,085	2,119,962	443,975	409,973	333,306	76,735	260,129	0	7,901,165	20,824	7,921,988

**Nursery School Teaching Staff
2016-17**

Primary Indicator	GAE	
Population Aged 3 & 4	GAE Total (£000s)	£26,215

**Primary School Teaching Staff
2016-17**

Primary Indicator	Secondary Indicator	GAE	
Primary Sector Pupils	Percentage of Pupils in Small Schools	GAE Total (£000s)	£902,523

**Secondary School Teaching Staff
2016-17**

Primary Indicator	Island LA Adjustment	GAE	
Secondary Sector Pupils		GAE Total (£000s)	£1,141,745

Coefficient	0.0305
Wt Mean	4.24

Adjustment	0.8084
Non-Island Pupils	281,595

Local Authority	Indicator (number)	Share	GAE (£000s)
Aberdeen City	4,749	4.0%	1,044
Aberdeenshire	6,620	5.5%	1,455
Angus	2,429	2.0%	534
Argyll & Bute	1,663	1.4%	365
Clackmannanshire	1,119	0.9%	246
Dumfries & Galloway	3,076	2.6%	676
Dundee City	3,176	2.7%	698
East Ayrshire	2,711	2.3%	596
East Dunbartonshire	2,306	1.9%	507
East Lothian	2,499	2.1%	549
East Renfrewshire	2,341	2.0%	514
Edinburgh (City of)	10,724	9.0%	2,357
Eilean Siar	511	0.4%	112
Falkirk	3,715	3.1%	816
Fife	8,562	7.2%	1,882
Glasgow City	13,372	11.2%	2,939
Highland	4,913	4.1%	1,080
Inverclyde	1,690	1.4%	371
Midlothian	2,143	1.8%	471
Moray	2,083	1.7%	458
North Ayrshire	2,933	2.5%	645
North Lanarkshire	8,093	6.8%	1,779
Orkney Islands	444	0.4%	98
Perth & Kinross	3,022	2.5%	664
Renfrewshire	3,809	3.2%	837
Scottish Borders	2,311	1.9%	508
Shetland Islands	566	0.5%	124
South Ayrshire	2,300	1.9%	505
South Lanarkshire	7,003	5.9%	1,539
Stirling	1,786	1.5%	392
West Dunbartonshire	2,089	1.8%	459
West Lothian	4,529	3.8%	995
TOTAL	119,287	100.0%	26,215

Indicator (number)	Effect (£000s)	Indicator	Effect (£000s)	Share	GAE (£000s)
13,432	30,827	0.00	-1,736	3.2%	29,091
20,818	47,779	11.82	4,808	5.8%	52,587
8,649	19,850	8.64	1,159	2.3%	21,009
5,798	13,307	21.89	3,118	1.8%	16,425
4,051	9,297	1.50	-339	1.0%	8,958
10,743	24,656	18.48	4,664	3.2%	29,320
10,489	24,073	0.00	-1,356	2.5%	22,717
9,161	21,025	1.08	-882	2.2%	20,143
8,860	20,334	0.53	-1,002	2.1%	19,332
8,265	18,969	2.64	-403	2.1%	18,566
8,770	20,128	0.66	-956	2.1%	19,172
29,059	66,692	0.22	-3,564	7.0%	63,128
1,871	4,294	24.05	1,129	0.6%	5,423
12,631	28,989	1.07	-1,220	3.1%	27,769
28,828	66,162	2.40	-1,620	7.2%	64,543
40,150	92,147	0.00	-5,189	9.6%	86,958
17,312	39,732	17.45	6,972	5.2%	46,705
5,539	12,712	0.00	-716	1.3%	11,997
7,116	16,332	0.35	-843	1.7%	15,489
6,903	15,843	9.76	1,161	1.9%	17,004
10,361	23,779	2.92	-417	2.6%	23,362
27,683	63,534	0.38	-3,255	6.7%	60,279
1,539	3,532	20.31	754	0.5%	4,286
10,289	23,614	8.65	1,384	2.8%	24,998
13,068	29,992	0.00	-1,689	3.1%	28,303
8,150	18,705	11.68	1,847	2.3%	20,552
1,859	4,267	21.20	961	0.6%	5,227
7,827	17,964	4.28	9	2.0%	17,973
24,716	56,725	3.02	-917	6.2%	55,808
6,607	15,164	7.49	653	1.8%	15,817
7,133	15,371	0.48	-817	1.7%	15,554
15,567	35,727	0.66	-1,699	3.8%	34,028
393,244	902,523	4.27	0	100.0%	902,523

Indicator (number)	Effect (£000s)	Effect (£000s)	Effect (£000s)	Share	GAE (£000s)
8,830	35,303		-101	3.1%	35,202
14,396	57,556		-165	5.0%	57,391
6,401	25,591		-73	2.2%	25,518
4,647	18,579		-53	1.6%	18,526
2,575	10,295		-29	0.9%	10,266
8,035	32,124		-92	2.8%	32,032
7,425	29,685		-85	2.6%	29,601
6,812	27,235		-78	2.4%	27,157
7,561	30,229		-86	2.6%	30,143
5,609	22,425		-64	2.0%	22,361
7,848	31,377		-90	2.7%	31,287
18,594	74,340		-213	6.5%	74,127
1,475	5,897	1,192		0.6%	7,089
8,783	35,115		-100	3.1%	35,014
19,994	79,937		-229	7.0%	79,708
25,878	103,461		-296	9.0%	103,166
13,467	53,842		-154	4.7%	53,688
4,389	17,547		-50	1.5%	17,497
5,175	20,690		-59	1.8%	20,631
5,056	20,214		-58	1.8%	20,156
7,772	31,073		-89	2.7%	30,984
21,115	84,419		-241	7.4%	84,177
1,126	4,502	910		0.5%	5,412
7,538	30,137		-86	2.6%	30,051
10,165	40,640		-116	3.5%	40,524
6,387	25,535		-73	2.2%	25,462
1,380	5,517	1,116		0.6%	6,633
6,262	25,036		-72	2.2%	24,964
18,841	75,327		-215	6.6%	75,112
5,773	23,081		-66	2.0%	23,015
5,272	21,078		-60	1.8%	21,017
10,995	43,958		-126	3.8%	43,833
285,576	1,141,745	3,218	-3,218	100.0%	1,141,745

Notes:
- Population Data: National Records of Scotland (NRS) Mid-Year Estimates 2014, provisionally corrected. See Data Issues (section 2.2).

Notes:
- Pupil Numbers: Scottish Government Pupil Census 2015.
- Percentage of Pupils in Small Schools: Pupils in primary schools of less than 70, in settlements in Scottish Government urban / rural classifications 5 and 6, as a percentage of all pupils averaged over 2 years (Source: Scottish Government Education Analytical Services Directorate)
- Secondary indicator effect calculated as follows:
(Primary Indicator*Regression coefficient)*(Secondary Indicator-Weighted Mean Secondary Indicator)

Notes:
- Pupil Numbers: Scottish Government Pupil Census 2015. See Data Issues (section 2.2) regarding treatment of adults in schools.
- Adjustment based on the difference in average cost per pupil between island and mainland authorities (fixed since GAE 2001/02)

**Special Education
2016-17**

Primary Indicator	GAE	
Population Aged 2-19	GAE Total (£000s)	£243,588

**School Transport
2016-17**

Primary Indicator	Secondary Indicator	GAE	
Population Aged 5-15	Population Dispersion	GAE Total (£000s)	£54,853
		Coefficient	0.0050
		Wt Mean	5.46

**School Meals
2016-17**

Primary Indicator	Secondary Indicator	GAE	
Pupils Taking Meals	Income Support Dependents per 1,000 aged 0-19	GAE Total (£000s)	£74,691
		Coefficient	0.0007
		Wt Mean	91.36

Local Authority	Indicator (number)	Share	GAE (£000s)
Aberdeen City	38,450	3.7%	8,944
Aberdeenshire	54,683	5.2%	12,720
Angus	22,793	2.2%	5,302
Argyll & Bute	16,194	1.5%	3,767
Clackmannanshire	10,396	1.0%	2,418
Dumfries & Galloway	28,069	2.7%	6,529
Dundee City	28,015	2.7%	6,517
East Ayrshire	24,429	2.3%	5,683
East Dunbartonshire	21,654	2.1%	5,037
East Lothian	21,465	2.0%	4,993
East Renfrewshire	21,170	2.0%	4,924
Edinburgh (City of)	85,296	8.1%	19,841
Eilean Siar	5,084	0.5%	1,183
Falkirk	32,280	3.1%	7,509
Fife	73,987	7.1%	17,210
Glasgow City	109,599	10.5%	25,494
Highland	46,063	4.4%	10,715
Inverclyde	15,354	1.5%	3,572
Midlothian	18,225	1.7%	4,239
Moray	19,367	1.8%	4,505
North Ayrshire	27,507	2.6%	6,399
North Lanarkshire	72,828	7.0%	16,941
Orkney Islands	4,122	0.4%	959
Perth & Kinross	28,717	2.7%	6,680
Renfrewshire	34,359	3.3%	7,992
Scottish Borders	21,779	2.1%	5,066
Shetland Islands	4,912	0.5%	1,143
South Ayrshire	20,905	2.0%	4,863
South Lanarkshire	62,702	6.0%	14,585
Stirling	19,226	1.8%	4,472
West Dunbartonshire	17,941	1.7%	4,173
West Lothian	39,604	3.8%	9,212
TOTAL	1,047,175	100.0%	243,588

Notes:
- Population Data: National Records of Scotland (NRS) Mid-Year Estimates 2014, provisionally corrected. See Data Issues (section 2.2).

Indicator (number)	Effect (£000s)	Indicator	Effect (£000s)	Share	GAE (£000s)
21,213	1,879	0.3	-544	2.4%	1,336
33,260	2,946	12.7	1,197	7.6%	4,143
13,757	1,219	3.4	-141	2.0%	1,078
9,614	852	31.4	1,239	3.8%	2,091
6,230	552	2.6	-88	0.8%	463
16,794	1,488	15.8	863	4.3%	2,351
15,540	1,377	0.0	-421	1.7%	955
14,459	1,281	5.0	-33	2.3%	1,248
13,109	1,161	0.8	-303	1.6%	858
12,964	1,148	3.2	-145	1.8%	1,003
12,947	1,147	1.3	-267	1.6%	879
48,296	4,279	0.1	-1,286	5.5%	2,993
3,164	280	51.7	727	1.8%	1,007
19,341	1,713	0.8	-448	2.3%	1,266
43,592	3,862	3.2	-489	6.1%	3,373
61,686	5,465	0.0	-1,673	6.9%	3,792
28,254	2,503	28.3	3,206	10.4%	5,709
9,113	807	1.6	-175	1.2%	633
11,014	976	2.0	-189	1.4%	786
11,638	1,031	7.0	89	2.0%	1,120
16,336	1,447	2.5	-240	2.2%	1,207
44,071	3,904	1.3	-910	5.5%	2,994
2,477	219	15.0	117	0.6%	337
17,304	1,533	10.5	433	3.6%	1,966
20,540	1,820	1.4	-414	2.6%	1,405
13,259	1,175	17.8	813	3.6%	1,988
2,959	262	31.9	389	1.2%	651
12,473	1,105	6.0	34	2.1%	1,139
37,763	3,345	1.8	-686	4.8%	2,659
11,179	990	7.8	130	2.0%	1,120
10,592	938	0.1	-282	1.2%	656
24,246	2,148	1.3	-501	3.0%	1,647
619,184	54,853	0.0	0	100.0%	54,853

Notes:
- Population Data: National Records of Scotland (NRS) Mid-Year Estimates 2014, provisionally corrected. See Data Issues (section 2.2).
- Population Dispersion: This is a measure of the degree to which the population of an authority is spread across its area in relation to (main) settlements. The expression may be defined as the sum of the distances between census output areas, that are outwith settlements of 7,000 or more and the nearest settlement of 7,000 or more (referred to as a Key Settlement). This is multiplied by the population of the output area relative to the non-settlement population of the authority.

$$LA \text{ Dispersion}(OA_i) = \frac{\sum \text{Distance}(OA_i \rightarrow \text{Nearest}) \times \text{Population}}{\text{Total Population}}$$

Indicator (number)	Effect (£000s)	Indicator (number)	Effect (£000s)	Share	GAE (£000s)
10,769	2,277	62	-230	2.7%	2,047
19,636	4,152	34	-806	4.5%	3,346
9,555	2,021	66	-176	2.5%	1,844
5,732	1,212	61	-127	1.5%	1,086
3,716	786	129	102	1.2%	887
11,017	2,330	86	-44	3.1%	2,286
8,559	1,810	134	260	2.8%	2,070
7,215	1,526	121	152	2.2%	1,678
8,574	1,813	46	-281	2.1%	1,532
6,345	1,342	77	-67	1.7%	1,275
9,334	1,974	39	-354	2.2%	1,620
20,143	4,260	79	-176	5.5%	4,083
2,225	471	41	-80	0.5%	390
12,633	2,671	96	44	3.6%	2,716
24,519	5,185	107	268	7.3%	5,453
33,354	7,053	151	1,423	11.3%	8,477
17,547	3,711	66	-317	4.5%	3,394
5,875	1,242	118	111	1.8%	1,354
7,788	1,647	102	59	2.3%	1,706
5,984	1,265	54	-163	1.5%	1,103
9,283	1,963	145	356	3.1%	2,319
21,706	4,590	114	356	6.6%	4,946
1,965	416	29	-88	0.4%	327
10,009	2,117	57	-249	2.5%	1,867
10,821	2,288	101	76	3.2%	2,364
7,226	1,528	66	-130	1.9%	1,398
2,487	526	37	-98	0.6%	428
6,765	1,431	91	-1	1.9%	1,430
25,549	5,403	97	107	7.4%	5,510
5,913	1,250	59	-136	1.5%	1,114
6,213	1,314	146	244	2.1%	1,558
14,743	3,118	88	-36	4.1%	3,082
353,200	74,691	93	0	100.0%	74,691

Notes:
- Pupils Present Taking Meals (paid or unpaid): Scottish Government Healthy Living Survey 2015
- Income Support Dependents: DWP 2014 data (DWP WPLS 100% data and HMRC Child Benefit administrative data) per 1,000 population aged 0-19 (NRS MYE 2014)
- Secondary indicator effect calculated as follows:
(Primary Indicator*Regression coefficient)*(Secondary Indicator-Weighted Mean Secondary Indicator)

School Non-Teaching Staff, Property etc
2016-17

Primary Indicator	GAE	
All Education Authority Pupils	GAE Total (£000s)	£859,543

School Hostels and Clothing
2016-17

Primary Indicator	Secondary Indicator 1	Secondary Indicator 2	GAE	
All Education Authority Pupils	Hostel Places per 1,000 Pupils	Income Support Dependants per 1,000 aged 0-19	GAE Total (£000s)	£26,998

Coefficient	0.0138	Coefficient	0.0002
Wt Mean	0.62	Wt Mean	92.57

Local Authority	Indicator (number)	Share	GAE (£000s)
Aberdeen City	25,805	3.3%	28,754
Aberdeenshire	39,915	5.2%	44,476
Angus	16,817	2.2%	18,739
Argyll & Bute	11,888	1.5%	13,246
Clackmannanshire	7,608	1.0%	8,477
Dumfries & Galloway	21,175	2.7%	23,595
Dundee City	20,497	2.7%	22,839
East Ayrshire	18,061	2.3%	20,125
East Dunbartonshire	18,206	2.4%	20,286
East Lothian	15,765	2.0%	17,566
East Renfrewshire	18,337	2.4%	20,432
Edinburgh (City of)	56,104	7.3%	62,515
Eilean Siar	3,798	0.5%	4,232
Falkirk	24,269	3.1%	27,042
Fife	55,594	7.2%	61,946
Glasgow City	75,873	9.8%	84,542
Highland	34,890	4.5%	38,877
Inverclyde	11,131	1.4%	12,403
Midlothian	13,998	1.8%	15,597
Moray	13,586	1.8%	15,138
North Ayrshire	20,350	2.6%	22,675
North Lanarkshire	54,958	7.1%	61,238
Orkney Islands	3,052	0.4%	3,401
Perth & Kinross	20,237	2.6%	22,549
Renfrewshire	26,219	3.4%	29,215
Scottish Borders	16,506	2.1%	18,392
Shetland Islands	3,688	0.5%	4,109
South Ayrshire	16,016	2.1%	17,846
South Lanarkshire	49,149	6.4%	54,765
Stirling	13,913	1.8%	15,503
West Dunbartonshire	14,071	1.8%	15,679
West Lothian	29,925	3.9%	33,344
TOTAL	771,401	100.0%	859,543

Indicator (number)	Effect (£000s)	Indicator (number)	Effect (£000s)	Indicator (number)	Effect (£000s)	Share	GAE (£000s)
25,805	903	1.7	385	62	-138	4.3%	1,150
39,915	1,397	0.0	-344	34	-403	2.4%	651
16,817	589	0.0	-145	66	-78	1.4%	366
11,888	416	12.0	1,871	61	-66	8.2%	2,222
7,608	266	0.0	-65	129	48	0.9%	249
21,175	741	0.0	-182	86	-25	2.0%	534
20,497	717	0.0	-176	134	146	2.5%	687
18,061	632	0.0	-155	121	88	2.1%	565
18,206	637	0.0	-157	46	-148	1.2%	333
15,765	552	0.0	-136	77	-44	1.4%	373
18,337	642	0.0	-158	39	-171	1.2%	313
56,104	1,964	0.0	-483	79	-130	5.0%	1,351
3,798	133	0.0	-33	41	-34	0.2%	66
24,269	849	0.0	-209	96	15	2.4%	656
55,594	1,946	0.0	-478	107	134	5.9%	1,602
75,873	2,655	0.0	-653	151	763	10.2%	2,765
34,890	1,221	3.8	1,535	66	-159	9.6%	2,598
11,131	390	0.0	-96	118	48	1.3%	342
13,998	490	0.0	-120	102	22	1.5%	392
13,586	475	0.0	-117	54	-92	1.0%	267
20,350	712	0.0	-175	145	183	2.7%	720
54,958	1,923	0.0	-473	114	205	6.1%	1,656
3,052	107	22.9	940	29	-34	3.8%	1,013
20,237	708	0.0	-174	57	-126	1.5%	409
26,219	918	0.0	-226	101	39	2.7%	731
16,506	578	0.0	-142	66	-75	1.3%	361
3,688	129	24.7	1,224	37	-36	4.9%	1,318
16,016	561	0.0	-138	91	-4	1.6%	419
49,149	1,720	0.0	-423	97	39	5.0%	1,336
13,913	487	0.0	-120	59	-80	1.1%	287
14,071	492	0.0	-121	146	130	1.9%	502
29,925	1,047	0.0	-258	88	-24	2.8%	766
771,401	26,998	0.6	0	93	0	100.0%	26,998

Notes:
- Pupil Numbers: Scottish Government Pupil Census 2015 and Pre-School Education Census 2014. See Data Issues (section 2.2).

Notes:
- Pupil Numbers: Scottish Government Pupil Census 2015 and Pre-School Education Census 2014. See Data Issues (section 2.2).
- Hostel Places per 1,000 pupils: hostel places (filled or unfilled) and number of pupils accommodated in private lodgings for the first week in May 2015. Source: SG GAE Returns (GAE-School Hostels). Note pupils in private lodgings are given a weight of 65%.
- Income Support Dependants: DWP 2014 data (DWP WPLS 100% data and HMRC Child Benefit administrative data) per 1,000 population aged 0-19 (NRS MYE 2014)
- Secondary indicator effect calculated as follows:
(Primary Indicator*Regression coefficient)*(Secondary Indicator-Weighted Mean Secondary Indicator)

School Security
2016-17

Primary Indicator 1	Primary Indicator 2	GAE	
Number of Pupils	Number of Establishments	GAE Total (£000s)	£15,173

Gaelic Education
2016-17

Share of Specific Grant	GAE	
	GAE Total (£000s)	£5,570

Teachers for Ethnic Minorities
2016-17

Primary Indicator	GAE	
Number of Minority Ethnic pupils	GAE Total (£000s)	£8,317

Local Authority	Indicator (number)	Effect (£000s)	Indicator (number)	Effect (£000s)	Share	GAE (£000s)
Aberdeen City	24,789	251	114	213	3.1%	464
Aberdeenshire	38,517	390	256	478	5.7%	869
Angus	16,410	166	109	204	2.4%	370
Argyll & Bute	11,238	114	144	269	2.5%	383
Clackmannanshire	7,520	76	39	73	1.0%	149
Dumfries & Galloway	20,386	207	165	308	3.4%	515
Dundee City	19,949	202	73	136	2.2%	339
East Ayrshire	17,839	181	91	170	2.3%	351
East Dunbartonshire	17,473	177	67	125	2.0%	302
East Lothian	15,507	157	73	136	1.9%	294
East Renfrewshire	18,096	183	48	90	1.8%	273
Edinburgh (City of)	52,744	535	216	403	6.2%	938
Eilean Siar	3,708	38	46	86	0.8%	123
Falkirk	24,108	244	115	215	3.0%	459
Fife	54,655	554	274	512	7.0%	1,066
Glasgow City	73,552	746	316	590	8.8%	1,336
Highland	33,718	342	343	640	6.5%	982
Inverclyde	10,997	111	47	88	1.3%	199
Midlothian	13,758	139	65	121	1.7%	261
Moray	12,654	128	75	140	1.8%	268
North Ayrshire	19,768	200	103	192	2.6%	393
North Lanarkshire	53,933	547	248	463	6.7%	1,010
Orkney Islands	3,019	31	43	80	0.7%	111
Perth & Kinross	19,546	198	131	245	2.9%	443
Renfrewshire	25,156	255	97	181	2.9%	436
Scottish Borders	15,888	161	118	220	2.5%	381
Shetland Islands	3,593	36	56	105	0.9%	141
South Ayrshire	15,633	158	87	162	2.1%	321
South Lanarkshire	47,413	481	221	413	5.9%	893
Stirling	13,483	137	79	148	1.9%	284
West Dunbartonshire	13,713	139	63	118	1.7%	257
West Lothian	29,545	300	141	263	3.7%	563
TOTAL	748,308	7,587	4,063	7,587	100.0%	15,173

Notes:-
 - Pupil Numbers and Establishments: Scottish Government Pupil Census 2015 and Pre-School Education Census 2014. See Data Issues (section 2.2)
 - Establishments are the number of Local Authority run premises that cover Pre-school, Primary, Secondary and Special sectors
 - Allocation of school security is 50:50 split between the number of local authority establishments and the number of pupils attending these establishments as per the original methodology (Scottish Office Circular No EID 2/97 issued 4 March 1997)

Indicator	GAE (£000s)
2.9%	161
0.7%	38
0.9%	48
8.4%	468
0.3%	15
0.0%	0
0.0%	0
3.3%	185
1.5%	83
0.0%	0
0.4%	22
6.8%	379
22.0%	1,227
0.3%	18
0.0%	0
11.5%	639
21.3%	1,189
2.0%	109
0.0%	0
0.0%	0
1.5%	86
6.2%	348
0.0%	0
2.6%	143
0.5%	30
0.0%	3
0.0%	0
0.2%	13
3.4%	187
2.9%	162
0.3%	19
0.0%	0
100.0%	5,570

Indicator (number)	Share	GAE (£000s)
5,715	7.7%	639
2,916	3.9%	326
985	1.3%	110
667	0.9%	75
415	0.6%	46
950	1.3%	106
2,399	3.2%	268
667	0.9%	75
1,644	2.2%	184
899	1.2%	100
3,248	4.4%	363
11,399	15.3%	1,274
124	0.2%	14
1,480	2.0%	165
3,371	4.5%	377
16,663	22.4%	1,862
2,408	3.2%	269
331	0.4%	37
871	1.2%	97
829	1.1%	93
674	0.9%	75
3,523	4.7%	394
152	0.2%	17
1,694	2.3%	189
1,590	2.1%	178
974	1.3%	109
223	0.3%	25
664	0.9%	74
2,719	3.7%	304
940	1.3%	105
673	0.9%	75
2,627	3.5%	294
74,434	100.0%	8,317

Notes:
 - Pupil Numbers: Scottish Government Pupil Census 2015. The number of pupils from Primary, Secondary and Special sectors not recorded as "White Scottish", "White Other British", "White Irish" or "Not Known/Disclosed".

Education Deprivation
2016-17

Primary Schools - Weighted Free Meals Registration	Primary School Allocation	Secondary Schools - Weighted Free Meal Registration	Secondary School Allocation	GAE	
				GAE Total (£000s)	£59,005

Community Education
2016-17

Primary Indicator	GAE	
	GAE Total (£000s)	£122,207

Local Authority	Indicator	Effect (£000s)	Indicator	Effect (£000s)	Share	GAE (£000s)
Aberdeen City	1.7%	480	1.1%	332	1.4%	812
Aberdeenshire	0.1%	16	0.0%	0	0.0%	16
Angus	0.2%	51	1.5%	463	0.9%	514
Argyll & Bute	0.1%	38	0.0%	0	0.1%	38
Clackmannanshire	1.3%	362	0.5%	143	0.9%	505
Dumfries & Galloway	1.5%	415	0.5%	147	1.0%	562
Dundee City	5.7%	1,636	4.8%	1,462	5.2%	3,097
East Ayrshire	2.3%	654	0.8%	247	1.5%	901
East Dunbartonshire	0.2%	68	0.0%	0	0.1%	68
East Lothian	0.7%	191	0.0%	0	0.3%	191
East Renfrewshire	0.6%	158	0.1%	41	0.3%	199
Edinburgh (City of)	7.4%	2,105	6.2%	1,888	6.8%	3,993
Eilean Siar	0.0%	0	0.0%	0	0.0%	0
Falkirk	1.2%	341	0.2%	66	0.7%	407
Fife	8.0%	2,284	11.0%	3,347	9.5%	5,632
Glasgow City	35.8%	10,201	51.4%	15,698	43.9%	25,899
Highland	1.7%	494	1.1%	336	1.4%	831
Inverclyde	3.2%	906	2.9%	876	3.0%	1,782
Midlothian	0.5%	128	0.6%	181	0.5%	309
Moray	0.7%	190	0.0%	0	0.3%	190
North Ayrshire	4.4%	1,257	5.1%	1,562	4.8%	2,819
North Lanarkshire	3.6%	1,036	4.2%	1,289	3.9%	2,325
Orkney Islands	0.0%	0	0.0%	8	0.0%	8
Perth & Kinross	0.0%	0	0.0%	0	0.0%	0
Renfrewshire	2.6%	730	0.6%	183	1.5%	912
Scottish Borders	0.8%	241	0.0%	0	0.4%	241
Shetland Islands	0.0%	0	0.0%	8	0.0%	8
South Ayrshire	3.4%	957	0.9%	270	2.1%	1,227
South Lanarkshire	4.5%	1,293	1.9%	579	3.2%	1,871
Stirling	0.7%	191	0.0%	0	0.3%	191
West Dunbartonshire	3.8%	1,096	3.9%	1,194	3.9%	2,290
West Lothian	3.4%	962	0.7%	204	2.0%	1,166
TOTAL	100.0%	28,481	100.0%	30,524	100.0%	59,005

Indicator (number)	Share	GAE (£000s)
228,923	4.3%	5,232
260,533	4.9%	5,954
116,734	2.2%	2,668
87,650	1.6%	2,003
51,192	1.0%	1,170
149,954	2.8%	3,427
148,117	2.8%	3,385
122,138	2.3%	2,791
106,712	2.0%	2,439
102,087	1.9%	2,333
92,386	1.7%	2,111
492,604	9.2%	11,257
27,254	0.5%	623
157,691	2.9%	3,604
367,256	6.9%	8,393
599,646	11.2%	13,704
233,084	4.4%	5,327
79,897	1.5%	1,826
86,217	1.6%	1,970
94,769	1.8%	2,166
136,476	2.6%	3,119
338,007	6.3%	7,724
21,589	0.4%	493
148,923	2.8%	3,403
174,229	3.3%	3,982
114,043	2.1%	2,606
23,228	0.4%	531
112,535	2.1%	2,572
315,301	5.9%	7,205
91,522	1.7%	2,092
89,712	1.7%	2,050
177,191	3.3%	4,049
5,347,600	100.0%	122,207

Notes:
- Primary School Free Meal Registration: this is the number of pupils in the top 10% of schools ranked by the percent of pupils registered for free school meals, expressed for each authority as a percentage of all Scottish pupils in the top 10% (averaged over three years). (Source: Scottish Government School Meal Survey 2012, 2013 and 2014). See Specific GAE Assessments (section 2.3).
- Secondary Registered for Free School Meals: the same approach is applied except that pupils in schools ranking in the top 5% attract a weighting of 4, between 5% and 10% attract a weighting of 3 and between 10% and 20% attract a weight of 1.
(Source: Scottish Government School Meal Survey 2012, 2013 and 2014). See Specific GAE Assessments (section 2.3).
- Primary and secondary allocation shares of total are kept the same as in previous settlement years

Notes:
- Population Data: NRS Mid-Year Estimates 2014, provisionally corrected. See Data Issues (section 2.2).

Residual Further Education
2016-17

Primary Indicator	GAE	
Population Aged 17 and above	GAE Total (£000s)	£2,317

Residual FE Travel and Bursaries
2016-17

Primary Indicator	GAE	
Actual Expenditure	GAE Total (£000s)	£5,492

Local Authority	Indicator (number)	Share	GAE (£000s)
Aberdeen City	193,489	4.4%	102
Aberdeenshire	208,794	4.8%	111
Angus	95,663	2.2%	51
Argyll & Bute	73,083	1.7%	39
Clackmannanshire	41,501	0.9%	22
Dumfries & Galloway	124,255	2.8%	66
Dundee City	122,808	2.8%	65
East Ayrshire	99,506	2.3%	53
East Dunbartonshire	86,948	2.0%	46
East Lothian	82,073	1.9%	43
East Renfrewshire	72,888	1.7%	39
Edinburgh (City of)	412,899	9.4%	219
Eilean Siar	22,541	0.5%	12
Falkirk	127,616	2.9%	68
Fife	299,097	6.8%	158
Glasgow City	496,891	11.4%	263
Highland	190,213	4.3%	101
Inverclyde	65,885	1.5%	35
Midlothian	68,843	1.6%	36
Moray	76,951	1.8%	41
North Ayrshire	111,440	2.5%	59
North Lanarkshire	270,315	6.2%	143
Orkney Islands	17,848	0.4%	9
Perth & Kinross	122,568	2.8%	65
Renfrewshire	142,238	3.2%	75
Scottish Borders	93,710	2.1%	50
Shetland Islands	18,633	0.4%	10
South Ayrshire	93,376	2.1%	49
South Lanarkshire	256,887	5.9%	136
Stirling	74,836	1.7%	40
West Dunbartonshire	72,993	1.7%	39
West Lothian	139,938	3.2%	74
TOTAL	4,376,726	100.0%	2,317

Notes:
- Population Data: NRS Mid-Year Estimates 2014, provisionally corrected. See Data Issues (section 2.2).

Indicator (£000s)	Share	GAE (£000s)
0.00	0.0%	0
0.00	0.0%	0
5.00	0.9%	50
0.00	0.0%	0
0.00	0.0%	0
0.00	0.0%	0
0.00	0.0%	0
0.00	0.0%	0
0.00	0.0%	0
0.00	0.0%	0
0.00	0.0%	0
0.00	0.0%	0
0.00	0.0%	0
0.00	0.0%	0
0.00	0.0%	0
0.00	0.0%	0
0.00	0.0%	0
0.00	0.0%	0
0.00	0.0%	0
0.00	0.0%	0
0.00	0.0%	0
200.50	37.0%	2,032
0.00	0.0%	0
0.00	0.0%	0
10.50	1.9%	106
129.00	24.1%	1,321
0.00	0.0%	0
0.00	0.0%	0
70.50	13.0%	711
0.00	0.0%	0
126.00	23.2%	1,271
541.50	100.0%	5,492

Notes:
- Average of Actual Gross Expenditure, 2013/14 and 2014/15. Source: SG Statistical Support for Local Government, LFR Returns
- As in previous settlements, Orkney (£8.5k) and Shetland (£19.5k) are allocated an additional amount on top of the calculated share.

**Childcare Strategy
2016-17**

Primary Indicator 1	Primary (Composite) Indicator 2	Primary Indicator 3	Primary Indicator 4	Flat Rate	GAE	
Population Aged 0-14	Raw Index (Community & Residential Care for Children) * Population 0-14	Population Living in Settlements of less than 1,000	Population Aged 0-14		GAE Total (£000s)	£44,556

Project Support Component	Infrastructure Component
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Local Authority	Indicator (number)	Effect (£000s)	Indicator (number)	Effect (£000s)	Indicator (number)	Effect (£000s)	Effect (£000s)	Effect (£000s)	Share	GAE (£000s)
Aberdeen City	31,636	301	23,426	423	3,336	28	487	96	3.0%	1,335
Aberdeenshire	45,605	433	20,226	365	86,466	736	702	96	5.2%	2,332
Angus	18,350	174	14,341	259	26,057	222	282	96	2.3%	1,034
Argyll & Bute	12,553	119	9,532	172	29,967	255	193	96	1.9%	836
Clackmannanshire	8,485	81	10,259	185	1,716	15	131	96	1.1%	507
Dumfries & Galloway	22,315	212	19,401	350	54,214	461	344	96	3.3%	1,463
Dundee City	22,325	212	32,727	591	263	2	344	96	2.8%	1,245
East Ayrshire	19,805	188	22,944	414	9,580	82	305	96	2.4%	1,085
East Dunbartonshire	17,082	162	10,667	192	2,257	19	263	96	1.6%	733
East Lothian	17,664	168	13,920	251	11,015	94	272	96	2.0%	881
East Renfrewshire	16,973	161	9,556	172	2,098	18	261	96	1.6%	709
Edinburgh (City of)	70,993	675	65,797	1,187	2,067	18	1,093	96	6.9%	3,069
Eilean Siar	4,115	39	2,415	44	20,243	172	63	96	0.9%	415
Falkirk	26,523	252	25,646	463	6,448	55	408	96	2.9%	1,274
Fife	59,928	569	62,857	1,134	25,919	221	923	96	6.6%	2,943
Glasgow City	91,017	865	142,593	2,573	821	7	1,401	96	11.1%	4,943
Highland	37,353	355	29,213	527	84,919	723	575	96	5.1%	2,276
Inverclyde	12,227	116	15,930	287	1,505	13	188	96	1.6%	701
Midlothian	15,316	146	15,253	275	5,824	50	236	96	1.8%	802
Moray	15,435	147	10,119	183	20,874	178	238	96	1.9%	841
North Ayrshire	21,821	207	29,851	539	8,122	69	336	96	2.8%	1,247
North Lanarkshire	59,333	564	70,388	1,270	5,697	48	913	96	6.5%	2,892
Orkney Islands	3,256	31	1,608	29	12,546	107	50	96	0.7%	313
Perth & Kinross	22,729	216	15,600	282	36,740	313	350	96	2.8%	1,256
Renfrewshire	28,019	266	31,450	568	3,344	28	431	96	3.1%	1,390
Scottish Borders	17,837	170	12,747	230	36,683	312	275	96	2.4%	1,083
Shetland Islands	4,021	38	1,914	35	15,042	128	62	96	0.8%	359
South Ayrshire	16,594	158	16,220	293	11,809	100	255	96	2.0%	903
South Lanarkshire	51,248	487	52,481	947	22,229	189	789	96	5.6%	2,508
Stirling	14,354	136	10,621	192	14,551	124	221	96	1.7%	769
West Dunbartonshire	14,712	140	21,521	388	1,109	9	226	96	1.9%	860
West Lothian	32,853	312	31,715	572	7,710	66	506	96	3.5%	1,552
TOTAL	852,477	8,101	852,937	15,392	571,171	4,861	13,124	3,078	100.0%	44,556

Notes

- The methodology used is based on SEED distribution ("Distribution of Funding to meet Childcare Objectives 2000-01", 16 November 1999). All data are updated to the latest available, component shares are kept the same.
- Population Data: NRS Mid-Year Estimates 2014, provisionally corrected. See Data Issues (section 2.2).
- Composite primary indicator for Community and Residential Care for Children - This is the combined standardised index comprising of dependants of income support and job seekers allowance claimants (DWP 2014) and the numbers of children in lone parent families (NRS Census 2011). Please see Annex 3 for more details.
- Population Living in Settlements of less than 1,000: NRS Census day 2011 settlements. Settlements within 1km of each other are merged.

Sure Start Scotland
2016-17

Primary Indicator 1	Primary Indicator 2	Primary Indicator 3	GAE	
Population Living in Settlements of less than 1,000	Population Aged 0-3	Composite Primary Indicator: Community & Residential Care for Children	GAE Total (£000s)	£59,912

Rural Component	Population Component	Composite Component
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Local Authority	Indicator (number)	Effect (£000s)	Indicator (number)	Effect (£000s)	Indicator (number)	Effect (£000s)	Share	GAE (£000s)
Aberdeen City	3,336	28	9,949	806	24,815	988	3.0%	1,821
Aberdeenshire	86,466	716	12,053	976	21,585	859	4.3%	2,552
Angus	26,057	216	4,690	380	15,378	612	2.0%	1,208
Argyll & Bute	29,967	248	3,127	253	10,307	410	1.5%	912
Clackmannanshire	1,716	14	2,313	187	10,987	437	1.1%	639
Dumfries & Galloway	54,214	449	5,593	453	20,802	828	2.9%	1,730
Dundee City	263	2	6,655	539	34,766	1,384	3.2%	1,925
East Ayrshire	9,580	79	5,399	437	24,524	976	2.5%	1,493
East Dunbartonshire	2,257	19	4,190	339	11,480	457	1.4%	815
East Lothian	11,015	91	4,635	375	14,820	590	1.8%	1,057
East Renfrewshire	2,098	17	4,093	332	10,248	408	1.3%	757
Edinburgh (City of)	2,067	17	21,987	1,781	69,816	2,779	7.6%	4,577
Eilean Siar	20,243	168	1,006	81	2,601	104	0.6%	353
Falkirk	6,448	53	7,056	572	27,353	1,089	2.9%	1,714
Fife	25,919	215	16,256	1,317	67,202	2,675	7.0%	4,206
Glasgow City	821	7	28,739	2,328	151,507	6,031	14.0%	8,365
Highland	84,919	703	9,446	765	31,382	1,249	4.5%	2,717
Inverclyde	1,505	12	3,176	257	17,123	682	1.6%	951
Midlothian	5,824	48	4,286	347	16,297	649	1.7%	1,044
Moray	20,874	173	3,920	318	10,877	433	1.5%	923
North Ayrshire	8,122	67	5,611	454	31,969	1,272	3.0%	1,794
North Lanarkshire	5,697	47	15,453	1,252	75,397	3,001	7.2%	4,300
Orkney Islands	12,546	104	816	66	1,732	69	0.4%	239
Perth & Kinross	36,740	304	5,675	460	16,790	668	2.4%	1,432
Renfrewshire	3,344	28	7,571	613	33,646	1,339	3.3%	1,980
Scottish Borders	36,683	304	4,677	379	13,629	542	2.0%	1,225
Shetland Islands	15,042	125	1,068	87	2,050	82	0.5%	293
South Ayrshire	11,809	98	4,236	343	17,431	694	1.9%	1,135
South Lanarkshire	22,229	184	13,734	1,112	56,208	2,237	5.9%	3,534
Stirling	14,551	120	3,455	280	11,488	457	1.4%	858
West Dunbartonshire	1,109	9	4,085	331	22,963	914	2.1%	1,254
West Lothian	7,710	64	8,621	698	33,858	1,348	3.5%	2,110
TOTAL	571,171	4,730	233,571	18,920	911,033	36,263	100.0%	59,912

Notes

- The methodology used is based on SEED distribution ("Distribution of Funding to meet Childcare Objectives 2000-01", 16 November 1999) for "The Very Young" GAE. All data are updated to the latest available, component shares are kept the same.
- Population Data: NRS Mid-Year Estimates 2014, provisionally corrected. See Data Issues (section 2.2).
- Composite primary indicator for community and residential care for children - This is the population aged 0-15 weighted by a combined standardised index comprising of dependants of income support and job seekers allowance claimants (DWP 2014) and the numbers of children in lone parent families (NRS Census 2011). Please see Annex 3 for more details.
- Population Living in Settlements of less than 1,000: NRS Census day 2011 settlements. Settlements within 1km of each other are merged.

**Adult Literacy and Numeracy
2016-17**

Share as previous Settlement	GAE	
	GAE Total (£000s)	£12,482

**National Priorities Action Fund
2016-17**

Primary Indicator	GAE	
Total Education GAE	GAE Total (£000s)	£248,828

**Former Excellence Fund
2016-17**

Primary Indicator	GAE	
Total Education GAE	GAE Total (£000s)	£66,600

Local Authority	Share	GAE (£000s)
Aberdeen City	2.9%	362
Aberdeenshire	3.0%	371
Angus	1.7%	206
Argyll & Bute	1.5%	183
Clackmannanshire	1.0%	130
Dumfries & Galloway	2.7%	343
Dundee City	3.5%	443
East Ayrshire	3.5%	442
East Dunbartonshire	1.1%	132
East Lothian	1.1%	135
East Renfrewshire	1.0%	126
Edinburgh (City of)	9.5%	1,181
Eilean Siar	1.0%	129
Falkirk	2.3%	285
Fife	5.5%	688
Glasgow City	20.2%	2,525
Highland	3.2%	396
Inverclyde	2.4%	304
Midlothian	1.3%	160
Moray	1.3%	163
North Ayrshire	3.1%	391
North Lanarkshire	5.5%	685
Orkney Islands	0.8%	96
Perth & Kinross	1.7%	215
Renfrewshire	3.7%	461
Scottish Borders	1.5%	192
Shetland Islands	0.9%	116
South Ayrshire	2.1%	265
South Lanarkshire	4.9%	616
Stirling	1.5%	186
West Dunbartonshire	2.5%	318
West Lothian	1.9%	239
TOTAL	100.0%	12,482

Notes:
- Percentage shares calculated by SEED for 2003-06 have been rolled forward. Please see paragraphs 15-18 of SEELLD Circular No ELLD 1/01 issued to LAs on 17 July 2001 for more information. See Specific GAE Assessments (section 2.3).

Share	GAE (£000s)
3.2%	8,084
5.2%	12,948
2.2%	5,466
1.7%	4,268
1.0%	2,395
2.9%	7,194
2.6%	6,589
2.3%	5,718
2.2%	5,592
2.0%	4,857
2.3%	5,640
7.1%	17,589
0.6%	1,529
3.0%	7,541
7.1%	17,585
10.3%	25,561
4.8%	12,029
1.5%	3,653
1.7%	4,337
1.8%	4,394
2.7%	6,630
6.9%	17,162
0.5%	1,305
2.6%	6,568
3.3%	8,157
2.2%	5,438
0.6%	1,538
2.1%	5,136
6.2%	15,492
1.8%	4,551
1.8%	4,533
3.8%	9,352
100.0%	248,828

Notes:
- Based on GAE allocation for Total Education, excluding National Priorities Action Fund and Former Excellence Fund. See Specific GAE Assessments (section 2.3).

Share	GAE (£000s)
3.2%	2,164
5.2%	3,466
2.2%	1,463
1.7%	1,142
1.0%	641
2.9%	1,925
2.6%	1,763
2.3%	1,530
2.2%	1,497
2.0%	1,300
2.3%	1,510
7.1%	4,708
0.6%	409
3.0%	2,018
7.1%	4,707
10.3%	6,842
4.8%	3,220
1.5%	978
1.7%	1,161
1.8%	1,176
2.7%	1,775
6.9%	4,593
0.5%	349
2.6%	1,758
3.3%	2,183
2.2%	1,455
0.6%	412
2.1%	1,375
6.2%	4,146
1.8%	1,218
1.8%	1,213
3.8%	2,503
100.0%	66,600

Notes:
- Based on GAE allocation for Total Education, excluding National Priorities Action Fund and Former Excellence Fund. See Specific GAE Assessments (section 2.3).

Pre-School Education
2016-17

Primary Indicator 1		Primary Indicator 2			GAE	
Provision for 4 Year Olds	Population Aged 3 & 4	Rural Settlement Pattern	Estimated Population Aged 3 & 4 Living in Settlements less than 1,000	Rural Component Allocation	GAE Total (£000s)	£162,695

Core Component	Rural Component
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Local Authority	Indicator (number)	Effect (£000s)	Indicator (number)	Indicator	Indicator (number)	Effect (£000s)	Share	GAE (£000s)
Aberdeen City	2,128	5,752	4,749	1.5%	Less than 15%	0	3.5%	5,752
Aberdeenshire	2,940	7,947	6,620	34.2%	2,263	1,785	6.0%	9,732
Angus	1,115	3,015	2,429	22.5%	546	431	2.1%	3,446
Argyll & Bute	923	2,495	1,663	34.0%	565	446	1.8%	2,941
Clackmannanshire	606	1,640	1,119	3.3%	Less than 15%	0	1.0%	1,640
Dumfries & Galloway	1,536	4,153	3,076	35.8%	1,102	869	3.1%	5,022
Dundee City	1,625	4,392	3,176	0.2%	Less than 15%	0	2.7%	4,392
East Ayrshire	1,246	3,369	2,711	7.8%	Less than 15%	0	2.1%	3,369
East Dunbartonshire	1,096	2,963	2,306	2.1%	Less than 15%	0	1.8%	2,963
East Lothian	1,155	3,122	2,499	11.0%	Less than 15%	0	1.9%	3,122
East Renfrewshire	1,067	2,886	2,341	2.3%	Less than 15%	0	1.8%	2,886
Edinburgh (City of)	5,198	14,051	10,724	0.4%	Less than 15%	0	8.6%	14,051
Eilean Siar	259	701	511	73.1%	374	295	0.6%	995
Falkirk	1,894	5,120	3,715	4.1%	Less than 15%	0	3.1%	5,120
Fife	4,287	11,588	8,562	7.1%	Less than 15%	0	7.1%	11,588
Glasgow City	6,115	16,530	13,372	0.1%	Less than 15%	0	10.2%	16,530
Highland	2,452	6,629	4,913	36.6%	1,797	1,418	4.9%	8,047
Inverclyde	750	2,028	1,690	1.8%	Less than 15%	0	1.2%	2,028
Midlothian	1,034	2,796	2,143	7.0%	Less than 15%	0	1.7%	2,796
Moray	1,029	2,781	2,083	22.4%	466	368	1.9%	3,149
North Ayrshire	1,383	3,739	2,933	5.9%	Less than 15%	0	2.3%	3,739
North Lanarkshire	3,743	10,118	8,093	1.7%	Less than 15%	0	6.2%	10,118
Orkney Islands	229	618	444	58.8%	261	206	0.5%	824
Perth & Kinross	1,478	3,995	3,022	25.1%	757	597	2.8%	4,592
Renfrewshire	1,773	4,793	3,809	1.9%	Less than 15%	0	2.9%	4,793
Scottish Borders	1,194	3,227	2,311	32.2%	744	587	2.3%	3,814
Shetland Islands	268	726	566	64.9%	367	290	0.6%	1,016
South Ayrshire	1,193	3,224	2,300	10.5%	Less than 15%	0	2.0%	3,224
South Lanarkshire	3,543	9,579	7,003	7.1%	Less than 15%	0	5.9%	9,579
Stirling	979	2,647	1,786	16.1%	288	227	1.8%	2,874
West Dunbartonshire	1,063	2,872	2,089	1.2%	Less than 15%	0	1.8%	2,872
West Lothian	2,101	5,680	4,529	4.4%	Less than 15%	0	3.5%	5,680
TOTAL	57,404	155,177	119,287	10.8%	9,531	7,518	100.0%	162,695

Notes:

- Methodology based on SEED working group on pre-school education recommendations to COSLA, April 2001
- Provision for 4 year olds: Number of Pre-School Registrations from Scottish Government Pre-School Education Census 2014. See Specific GAE Assessments (section 2.3).
- Population Data: NRS Mid-Year Estimates 2014, provisionally corrected. See Data Issues (section 2.2).
- Rural Settlement Pattern: Percentage of LA population living in settlements of less than 1,000 (Source: NRS Census day 2011 settlements). Settlements within 1km of each other are merged.
- Local Authorities with less than 15% of its population living in settlements of less than 1,000 are excluded from the rural component.

**Teacher Pensions
2016-17**

Scottish Government Education Directorate Distribution	GAE	
	GAE Total (£000s)	£113,774

**ALL EDUCATION
2016-17**

GAE	
GAE Total (£000s)	£4,257,085

Local Authority	Share	GAE (£000s)
Aberdeen City	3.3%	3,803
Aberdeenshire	5.3%	6,044
Angus	2.2%	2,491
Argyll & Bute	1.8%	1,998
Clackmannanshire	1.0%	1,145
Dumfries & Galloway	3.0%	3,401
Dundee City	2.7%	3,128
East Ayrshire	2.3%	2,634
East Dunbartonshire	2.5%	2,794
East Lothian	1.8%	2,095
East Renfrewshire	2.4%	2,714
Edinburgh (City of)	6.4%	7,285
Eilean Siar	0.7%	823
Falkirk	3.1%	3,557
Fife	6.8%	7,791
Glasgow City	9.4%	10,714
Highland	5.0%	5,646
Inverclyde	1.5%	1,725
Midlothian	1.7%	1,921
Moray	1.8%	2,027
North Ayrshire	2.6%	2,994
North Lanarkshire	7.0%	7,911
Orkney Islands	0.6%	694
Perth & Kinross	2.7%	3,113
Renfrewshire	3.2%	3,610
Scottish Borders	2.3%	2,603
Shetland Islands	0.8%	904
South Ayrshire	2.1%	2,443
South Lanarkshire	6.4%	7,255
Stirling	1.8%	2,101
West Dunbartonshire	1.9%	2,178
West Lothian	3.7%	4,234
TOTAL	100.0%	113,774

Local Authority	Share	GAE (£000s)
Aberdeen City	3.2%	138,298
Aberdeenshire	5.2%	221,527
Angus	2.2%	93,513
Argyll & Bute	1.7%	73,012
Clackmannanshire	1.0%	40,970
Dumfries & Galloway	2.9%	123,077
Dundee City	2.6%	112,722
East Ayrshire	2.3%	97,819
East Dunbartonshire	2.2%	95,675
East Lothian	2.0%	83,093
East Renfrewshire	2.3%	96,491
Edinburgh (City of)	7.1%	300,914
Eilean Siar	0.6%	26,155
Falkirk	3.0%	129,018
Fife	7.1%	300,851
Glasgow City	10.3%	437,314
Highland	4.8%	205,792
Inverclyde	1.5%	62,495
Midlothian	1.7%	74,207
Moray	1.8%	75,182
North Ayrshire	2.7%	113,433
North Lanarkshire	6.9%	293,615
Orkney Islands	0.5%	22,321
Perth & Kinross	2.6%	112,361
Renfrewshire	3.3%	139,560
Scottish Borders	2.2%	93,033
Shetland Islands	0.6%	26,305
South Ayrshire	2.1%	87,875
South Lanarkshire	6.2%	265,041
Stirling	1.8%	77,864
West Dunbartonshire	1.8%	77,558
West Lothian	3.8%	159,994
TOTAL	100.0%	4,257,085

Notes:
- Allocation based on pension contributions for 2014/15 and Government Actuary Department information. Source: Scottish Public Pensions Agency (SPPA). Please see SPPA Teachers' Superannuation Circular 2003/1 for more information.

**Services for Home-Based Elderly
2016-17**

Composite Primary Indicator	GAE	
	GAE Total (£000s)	£518,244

**Residential Accommodation for the Elderly
2016-17**

Composite Primary Indicator	GAE	
	GAE Total (£000s)	£417,176

**Casework and Related Administration: Elderly
2016-17**

Primary Indicator Other GAEs	GAE	
	GAE Total (£000s)	£32,287

**Community and Residential Care for Children
2016-17**

Composite Primary Indicator	GAE	
	GAE Total (£000s)	£144,400

Local Authority	Indicator (number)	Share	GAE (£000s)
Aberdeen City	103,755	3.4%	17,807
Aberdeenshire	114,544	3.8%	19,658
Angus	71,621	2.4%	12,292
Argyll & Bute	59,347	2.0%	10,185
Clackmannanshire	26,671	0.9%	4,577
Dumfries & Galloway	104,049	3.4%	17,857
Dundee City	96,418	3.2%	16,548
East Ayrshire	74,835	2.5%	12,843
East Dunbartonshire	58,900	2.0%	10,109
East Lothian	55,274	1.8%	9,486
East Renfrewshire	49,002	1.6%	8,410
Edinburgh (City of)	232,022	7.7%	39,820
Eilean Siar	22,111	0.7%	3,795
Falkirk	84,809	2.8%	14,555
Fife	202,233	6.7%	34,708
Glasgow City	380,932	12.6%	65,377
Highland	128,896	4.3%	22,122
Inverclyde	55,943	1.9%	9,601
Midlothian	41,449	1.4%	7,114
Moray	51,926	1.7%	8,912
North Ayrshire	89,366	3.0%	15,337
North Lanarkshire	184,646	6.1%	31,690
Orkney Islands	12,654	0.4%	2,172
Perth & Kinross	88,410	2.9%	15,173
Renfrewshire	102,252	3.4%	17,549
Scottish Borders	71,127	2.4%	12,207
Shetland Islands	10,745	0.4%	1,844
South Ayrshire	78,951	2.6%	13,550
South Lanarkshire	184,170	6.1%	31,608
Stirling	46,165	1.5%	7,923
West Dunbartonshire	59,006	2.0%	10,127
West Lothian	77,433	2.6%	13,289
TOTAL	3,019,661	100.0%	518,244

Notes:
- The composite primary indicator for Services for the Home Based Elderly GAE is a population weighted index constructed using standardised mortality ratios, population census long term limiting illness and living alone information as well as Pension Credit claimant data. For more information please see Annex 2.

Indicator (number)	Share	GAE (£000s)
305,950	3.8%	15,684
329,148	4.0%	16,873
217,130	2.7%	11,131
166,381	2.0%	8,529
73,329	0.9%	3,759
293,999	3.6%	15,071
259,797	3.2%	13,318
200,147	2.5%	10,260
158,997	2.0%	8,151
159,327	2.0%	8,168
131,728	1.6%	6,753
646,231	7.9%	33,128
61,326	0.8%	3,144
233,307	2.9%	11,960
590,955	7.3%	30,294
836,644	10.3%	42,889
366,788	4.5%	18,803
150,026	1.8%	7,691
119,029	1.5%	6,102
157,258	1.9%	8,061
240,256	3.0%	12,316
452,237	5.6%	23,183
39,135	0.5%	2,006
259,553	3.2%	13,305
269,997	3.3%	13,841
214,715	2.6%	11,007
34,056	0.4%	1,746
218,443	2.7%	11,198
476,541	5.9%	24,429
125,379	1.5%	6,427
144,772	1.8%	7,421
205,423	2.5%	10,531
8,138,008	100.0%	417,176

Notes:
- The composite primary indicator for Residential Accommodation for the Elderly GAE is a population weighted index constructed using standardised mortality ratios, population census long term limiting illness and living alone information as well as council tax data. For more information please see Annex 2.

Indicator (£000s)	Share	GAE (£000s)
33,491	3.6%	1,156
36,531	3.9%	1,261
23,422	2.5%	808
18,715	2.0%	646
8,336	0.9%	288
32,928	3.5%	1,137
29,865	3.2%	1,031
23,103	2.5%	797
18,259	2.0%	630
17,654	1.9%	609
15,163	1.6%	523
72,948	7.8%	2,518
6,938	0.7%	239
26,515	2.8%	915
65,002	6.9%	2,244
108,265	11.6%	3,737
40,924	4.4%	1,413
17,292	1.8%	597
13,215	1.4%	456
16,973	1.8%	586
27,653	3.0%	954
54,872	5.9%	1,894
4,178	0.4%	144
28,479	3.0%	983
31,390	3.4%	1,083
23,214	2.5%	801
3,590	0.4%	124
24,748	2.6%	854
56,037	6.0%	1,934
14,350	1.5%	495
17,548	1.9%	606
23,820	2.5%	822
935,420	100.0%	32,287

Notes:
- Based on the GAE for Services for the Home Based Elderly and Residential Accommodation for the Elderly

Indicator (number)	Share	GAE (£000s)
24,815	2.7%	3,933
21,585	2.4%	3,421
15,378	1.7%	2,437
10,307	1.1%	1,634
10,987	1.2%	1,741
20,802	2.3%	3,297
34,766	3.8%	5,510
24,524	2.7%	3,887
11,480	1.3%	1,820
14,820	1.6%	2,349
10,248	1.1%	1,624
69,816	7.7%	11,066
2,601	0.3%	412
27,353	3.0%	4,336
67,202	7.4%	10,652
151,507	16.6%	24,014
31,382	3.4%	4,974
17,123	1.9%	2,714
16,297	1.8%	2,583
10,877	1.2%	1,724
31,969	3.5%	5,067
75,397	8.3%	11,951
1,732	0.2%	275
16,790	1.8%	2,661
33,646	3.7%	5,333
13,629	1.5%	2,160
2,050	0.2%	325
17,431	1.9%	2,763
56,208	6.2%	8,909
11,488	1.3%	1,821
22,963	2.5%	3,640
33,858	3.7%	5,366
911,033	100.0%	144,400

Notes:
- The composite primary indicator for Community and Residential Care for Children GAE is the population aged 0-15 weighted by a combined standardised index comprising of dependants of income support and job seekers allowance claimants (DWP 2014 data) and the number of children in lone parent families (NRS Census 2011). Please see Annex 3 for more details.

**Day Care for Children
2016-17**

Primary Indicator	GAE	
Population Aged Under 5	GAE Total (£000s)	£38,566

**Casework and Related Administration: Children
2016-17**

Primary Indicator	GAE	
Other GAEs	GAE Total (£000s)	£73,893

**Services for AIDS / HIV Cases
2016-17**

Primary Indicator	GAE	
Weighted AIDS & HIV+ Cases	GAE Total (£000s)	£1,534

Local Authority	Indicator (number)	Share	GAE (£000s)
Aberdeen City	12,298	4.2%	1,625
Aberdeenshire	15,409	5.3%	2,036
Angus	5,919	2.0%	782
Argyll & Bute	3,960	1.4%	523
Clackmannanshire	2,857	1.0%	378
Dumfries & Galloway	7,133	2.4%	943
Dundee City	8,176	2.8%	1,080
East Ayrshire	6,710	2.3%	887
East Dunbartonshire	5,275	1.8%	697
East Lothian	5,843	2.0%	772
East Renfrewshire	5,256	1.8%	695
Edinburgh (City of)	27,033	9.3%	3,572
Eilean Siar	1,267	0.4%	167
Falkirk	8,947	3.1%	1,182
Fife	20,478	7.0%	2,706
Glasgow City	35,021	12.0%	4,628
Highland	11,872	4.1%	1,569
Inverclyde	4,030	1.4%	533
Midlothian	5,351	1.8%	707
Moray	4,953	1.7%	654
North Ayrshire	7,033	2.4%	929
North Lanarkshire	19,485	6.7%	2,575
Orkney Islands	1,031	0.4%	136
Perth & Kinross	7,158	2.5%	946
Renfrewshire	9,436	3.2%	1,247
Scottish Borders	5,812	2.0%	768
Shetland Islands	1,348	0.5%	178
South Ayrshire	5,360	1.8%	708
South Lanarkshire	17,125	5.9%	2,263
Stirling	4,348	1.5%	575
West Dunbartonshire	5,106	1.7%	675
West Lothian	10,827	3.7%	1,431
TOTAL	291,857	100.0%	38,566

Notes:
- Population Data: National Records of Scotland (NRS) Mid-Year Estimates 2014, provisionally corrected. See Data Issues (section 2.2).

Indicator (£000s)	Share	GAE (£000s)
5,558	3.0%	2,245
5,457	3.0%	2,204
3,220	1.8%	1,300
2,157	1.2%	871
2,119	1.2%	856
4,240	2.3%	1,712
6,591	3.6%	2,662
4,774	2.6%	1,928
2,517	1.4%	1,016
3,121	1.7%	1,261
2,319	1.3%	937
14,638	8.0%	5,912
580	0.3%	234
5,518	3.0%	2,228
13,358	7.3%	5,395
28,642	15.7%	11,567
6,543	3.6%	2,642
3,247	1.8%	1,311
3,290	1.8%	1,329
2,379	1.3%	961
5,996	3.3%	2,422
14,525	7.9%	5,866
411	0.2%	166
3,607	2.0%	1,457
6,580	3.6%	2,657
2,928	1.6%	1,183
503	0.3%	203
3,471	1.9%	1,402
11,172	6.1%	4,512
2,395	1.3%	967
4,314	2.4%	1,742
6,797	3.7%	2,745
182,966	100.0%	73,893

Notes:
- Based on the GAE for Community and Residential Care for Children and Day Care for Children

Indicator (number)	Share	GAE (£000s)
54.9	4.0%	61
20.4	1.5%	23
12.7	0.9%	14
13.5	1.0%	15
7.7	0.6%	9
15.3	1.1%	17
52.1	3.8%	58
14.2	1.0%	16
10.6	0.8%	12
22.7	1.6%	25
15.0	1.1%	17
351.6	25.5%	391
1.8	0.1%	2
25.9	1.9%	29
61.0	4.4%	68
372.1	27.0%	414
25.5	1.8%	28
6.3	0.5%	7
13.7	1.0%	15
10.4	0.8%	12
17.2	1.2%	19
52.3	3.8%	58
0.3	0.0%	0
19.1	1.4%	21
40.8	3.0%	45
15.5	1.1%	17
2.0	0.1%	2
9.4	0.7%	10
41.3	3.0%	46
13.6	1.0%	15
21.1	1.5%	23
39.7	2.9%	44
1,379.7	100.0%	1,534

Notes:
- Weighted AIDS & HIV+ Cases: Health Protection Scotland, 2015

**Casework and Related Administration: HIV/AIDS
2016-17**

Primary Indicator	GAE	
	GAE Total (£000s)	£195
Other GAE		

**Services for People with Disabilities
2016-17**

Primary Indicator	GAE	
	GAE Total (£000s)	£372,668
Population Aged 16-64		

**Casework and Related Administration: People with Disabilities
2016-17**

Primary Indicator	GAE	
	GAE Total (£000s)	£17,413
Other GAE		

Local Authority	Indicator (£000s)	Share	GAE (£000s)
Aberdeen City	61	4.0%	8
Aberdeenshire	23	1.5%	3
Angus	14	0.9%	2
Argyll & Bute	15	1.0%	2
Clackmannanshire	9	0.6%	1
Dumfries & Galloway	17	1.1%	2
Dundee City	58	3.8%	7
East Ayrshire	16	1.0%	2
East Dunbartonshire	12	0.8%	1
East Lothian	25	1.6%	3
East Renfrewshire	17	1.1%	2
Edinburgh (City of)	391	25.5%	50
Eilean Siar	2	0.1%	0
Falkirk	29	1.9%	4
Fife	68	4.4%	9
Glasgow City	414	27.0%	53
Highland	28	1.8%	4
Inverclyde	7	0.5%	1
Midlothian	15	1.0%	2
Moray	12	0.8%	1
North Ayrshire	19	1.2%	2
North Lanarkshire	58	3.8%	7
Orkney Islands	0	0.0%	0
Perth & Kinross	21	1.4%	3
Renfrewshire	45	3.0%	6
Scottish Borders	17	1.1%	2
Shetland Islands	2	0.1%	0
South Ayrshire	10	0.7%	1
South Lanarkshire	46	3.0%	6
Stirling	15	1.0%	2
West Dunbartonshire	23	1.5%	3
West Lothian	44	2.9%	6
TOTAL	1,534	100.0%	195

Notes:
- Based on the GAE for Services for AIDS / HIV Cases

Indicator (number)	Share	GAE (£000s)
161,148	4.6%	17,316
166,076	4.8%	17,846
71,413	2.1%	7,674
52,960	1.5%	5,691
32,777	0.9%	3,522
90,242	2.6%	9,697
98,608	2.8%	10,596
77,762	2.2%	8,356
65,719	1.9%	7,062
63,776	1.8%	6,853
56,494	1.6%	6,071
343,494	9.9%	36,910
16,373	0.5%	1,759
101,458	2.9%	10,902
232,109	6.7%	24,941
419,395	12.1%	45,066
144,923	4.2%	15,573
51,063	1.5%	5,487
54,250	1.6%	5,829
59,171	1.7%	6,358
84,610	2.4%	9,092
219,667	6.3%	23,604
13,366	0.4%	1,436
91,945	2.7%	9,880
112,493	3.2%	12,088
68,642	2.0%	7,376
14,684	0.4%	1,578
68,324	2.0%	7,342
202,829	5.8%	21,795
59,101	1.7%	6,351
58,270	1.7%	6,261
114,970	3.3%	12,354
3,468,112	100.0%	372,668

Notes:
- Population Data: National Records of Scotland (NRS) Mid-Year Estimates 2014, provisionally corrected. See Data Issues (section 2.2).

Indicator (£000s)	Share	GAE (£000s)
17,316	4.6%	809
17,846	4.8%	834
7,674	2.1%	359
5,691	1.5%	266
3,522	0.9%	165
9,697	2.6%	453
10,596	2.8%	495
8,356	2.2%	390
7,062	1.9%	330
6,853	1.8%	320
6,071	1.6%	284
36,910	9.9%	1,725
1,759	0.5%	82
10,902	2.9%	509
24,941	6.7%	1,165
45,066	12.1%	2,106
15,573	4.2%	728
5,487	1.5%	256
5,829	1.6%	272
6,358	1.7%	297
9,092	2.4%	425
23,604	6.3%	1,103
1,436	0.4%	67
9,880	2.7%	462
12,088	3.2%	565
7,376	2.0%	345
1,578	0.4%	74
7,342	2.0%	343
21,795	5.8%	1,018
6,351	1.7%	297
6,261	1.7%	293
12,354	3.3%	577
372,668	100.0%	17,413

Notes:
- Based on the GAE for Services for People with Disabilities

**Independent Living Fund
2016-17**

Primary Indicator	GAE	
	Population Aged 16-64	GAE Total (£000s)

**Remaining Social Work
2016-17**

Primary Indicator	GAE	
	Total Population	GAE Total (£000s)

**Casework and Related Administration: Other Client Groups
2016-17**

Primary Indicator	GAE	
	Other GAE	GAE Total (£000s)

**Community Care: Mental Health
2016-17**

Primary Indicator	GAE	
	Population Aged 16-64	GAE Total (£000s)

Local Authority	Indicator (number)	Share	GAE (£000s)
Aberdeen City	161,148	4.6%	575
Aberdeenshire	166,076	4.8%	592
Angus	71,413	2.1%	255
Argyll & Bute	52,960	1.5%	189
Clackmannanshire	32,777	0.9%	117
Dumfries & Galloway	90,242	2.6%	322
Dundee City	98,608	2.8%	352
East Ayrshire	77,762	2.2%	277
East Dunbartonshire	65,719	1.9%	234
East Lothian	63,776	1.8%	227
East Renfrewshire	56,494	1.6%	201
Edinburgh (City of)	343,494	9.9%	1,225
Eilean Siar	16,373	0.5%	58
Falkirk	101,458	2.9%	362
Fife	232,109	6.7%	828
Glasgow City	419,395	12.1%	1,496
Highland	144,923	4.2%	517
Inverclyde	51,063	1.5%	182
Midlothian	54,250	1.6%	193
Moray	59,171	1.7%	211
North Ayrshire	84,610	2.4%	302
North Lanarkshire	219,667	6.3%	783
Orkney Islands	13,366	0.4%	48
Perth & Kinross	91,945	2.7%	328
Renfrewshire	112,493	3.2%	401
Scottish Borders	68,642	2.0%	245
Shetland Islands	14,684	0.4%	52
South Ayrshire	68,324	2.0%	244
South Lanarkshire	202,829	5.8%	723
Stirling	59,101	1.7%	211
West Dunbartonshire	58,270	1.7%	208
West Lothian	114,970	3.3%	410
TOTAL	3,468,112	100.0%	12,367

Notes:
- Population Data: National Records of Scotland (NRS) Mid-Year Estimates 2014, provisionally corrected. See Data Issues (section 2.2).

Indicator (number)	Share	GAE (£000s)
228,923	4.3%	3,350
260,533	4.9%	3,813
116,734	2.2%	1,708
87,650	1.6%	1,283
51,192	1.0%	749
149,954	2.8%	2,195
148,117	2.8%	2,168
122,138	2.3%	1,787
106,712	2.0%	1,562
102,087	1.9%	1,494
92,386	1.7%	1,352
492,604	9.2%	7,209
27,254	0.5%	399
157,691	2.9%	2,308
367,256	6.9%	5,375
599,646	11.2%	8,776
233,084	4.4%	3,411
79,897	1.5%	1,169
86,217	1.6%	1,262
94,769	1.8%	1,387
136,476	2.6%	1,997
338,007	6.3%	4,947
21,589	0.4%	316
148,923	2.8%	2,179
174,229	3.3%	2,550
114,043	2.1%	1,669
23,228	0.4%	340
112,535	2.1%	1,647
315,301	5.9%	4,614
91,522	1.7%	1,339
89,712	1.7%	1,313
177,191	3.3%	2,593
5,347,600	100.0%	78,260

Notes:
- Population Data: National Records of Scotland (NRS) Mid-Year Estimates 2014, provisionally corrected. See Data Issues (section 2.2).

Indicator (£000s)	Share	GAE (£000s)
3,350	4.3%	985
3,813	4.9%	1,121
1,708	2.2%	502
1,283	1.6%	377
749	1.0%	220
2,195	2.8%	645
2,168	2.8%	637
1,787	2.3%	525
1,562	2.0%	459
1,494	1.9%	439
1,352	1.7%	397
7,209	9.2%	2,119
399	0.5%	117
2,308	2.9%	678
5,375	6.9%	1,580
8,776	11.2%	2,579
3,411	4.4%	1,003
1,169	1.5%	344
1,262	1.6%	371
1,387	1.8%	408
1,997	2.6%	587
4,947	6.3%	1,454
316	0.4%	93
2,179	2.8%	641
2,550	3.3%	749
1,669	2.1%	491
340	0.4%	100
1,647	2.1%	484
4,614	5.9%	1,356
1,339	1.7%	394
1,313	1.7%	386
2,593	3.3%	762
78,260	100.0%	23,001

Notes:
- Based on the GAE for Remaining Social Work Services

Indicator (number)	Share	GAE (£000s)
161,148	4.6%	933
166,076	4.8%	961
71,413	2.1%	413
52,960	1.5%	307
32,777	0.9%	190
90,242	2.6%	522
98,608	2.8%	571
77,762	2.2%	450
65,719	1.9%	380
63,776	1.8%	369
56,494	1.6%	327
343,494	9.9%	1,989
16,373	0.5%	95
101,458	2.9%	587
232,109	6.7%	1,344
419,395	12.1%	2,428
144,923	4.2%	839
51,063	1.5%	296
54,250	1.6%	314
59,171	1.7%	343
84,610	2.4%	490
219,667	6.3%	1,272
13,366	0.4%	77
91,945	2.7%	532
112,493	3.2%	651
68,642	2.0%	397
14,684	0.4%	85
68,324	2.0%	396
202,829	5.8%	1,174
59,101	1.7%	342
58,270	1.7%	337
114,970	3.3%	666
3,468,112	100.0%	20,078

Notes:
- Population Data: National Records of Scotland (NRS) Mid-Year Estimates 2014, provisionally corrected. See Data Issues (section 2.2).

General Administration
2016-17

Primary Indicator	GAE	
Other GAEs	GAE Total (£000s)	£51,899

Community Care Action Plan
2016-17

Primary Indicator	GAE	
Other GAEs	GAE Total (£000s)	£11,078

Children's Services Development Fund (incl Youth Crime)
2016-17

Composite Primary Indicator	Children's Services Component	Youth Crime Component	GAE	
			GAE Total (£000s)	£68,309

Local Authority	Indicator (£000s)	Share	GAE (£000s)
Aberdeen City	66,486	3.8%	1,972
Aberdeenshire	70,646	4.0%	2,095
Angus	39,677	2.3%	1,177
Argyll & Bute	30,517	1.7%	905
Clackmannanshire	16,571	0.9%	491
Dumfries & Galloway	53,870	3.1%	1,598
Dundee City	55,032	3.1%	1,632
East Ayrshire	42,407	2.4%	1,258
East Dunbartonshire	32,463	1.9%	963
East Lothian	32,376	1.8%	960
East Renfrewshire	27,592	1.6%	818
Edinburgh (City of)	147,633	8.4%	4,378
Eilean Siar	10,505	0.6%	312
Falkirk	50,556	2.9%	1,499
Fife	121,307	6.9%	3,597
Glasgow City	215,128	12.3%	6,380
Highland	73,624	4.2%	2,183
Inverclyde	30,188	1.7%	895
Midlothian	26,550	1.5%	787
Moray	29,915	1.7%	887
North Ayrshire	49,940	2.9%	1,481
North Lanarkshire	110,386	6.3%	3,274
Orkney Islands	6,937	0.4%	206
Perth & Kinross	48,571	2.8%	1,440
Renfrewshire	58,766	3.4%	1,743
Scottish Borders	38,668	2.2%	1,147
Shetland Islands	6,651	0.4%	197
South Ayrshire	40,942	2.3%	1,214
South Lanarkshire	104,388	6.0%	3,096
Stirling	27,159	1.6%	805
West Dunbartonshire	33,035	1.9%	980
West Lothian	51,596	2.9%	1,530
TOTAL	1,750,082	100.0%	51,899

Notes:
- Based on these GAEs: Services for Home-Based Elderly, Residential Accommodation for the Elderly, Casework and Related Administration: Elderly, Community and Residential Care for Children, Day Care for Children, Casework and Related Administration: Children, Services for AIDS / HIV cases, Casework and Related Administration: HIV/AIDS, Services for People with Disabilities, Casework and Related Administration: People with Disabilities, Independent Living Fund, Remaining Social Work, Casework and Related Administration: Other Client Groups, Community Care: Mental Health

Indicator (£000s)	Share	GAE (£000s)
50,807	3.9%	430
54,377	4.2%	461
31,096	2.4%	263
24,405	1.9%	207
11,858	0.9%	100
42,625	3.3%	361
40,461	3.1%	343
31,459	2.4%	266
25,321	1.9%	214
24,507	1.9%	208
21,233	1.6%	180
109,858	8.4%	930
8,698	0.7%	74
37,417	2.9%	317
89,943	6.9%	762
153,332	11.7%	1,299
56,497	4.3%	478
22,779	1.7%	193
19,045	1.5%	161
23,331	1.8%	198
36,745	2.8%	311
78,477	6.0%	665
5,614	0.4%	48
38,359	2.9%	325
43,478	3.3%	368
30,590	2.3%	259
5,168	0.4%	44
32,090	2.5%	272
77,832	6.0%	659
20,701	1.6%	175
23,810	1.8%	202
36,174	2.8%	306
1,308,088	100.0%	11,078

Notes:
- Based on the GAE for Services for Home-Based Elderly, Residential Accommodation for the Elderly and Services for People with Disabilities.

Indicator (number)	Effect (£000s)	Flat Rate	Effect (£000s)	Flat Rate	Share	GAE (£000s)
24,815	1,375	89	407		2.7%	1,870
21,585	1,196	89	354		2.4%	1,638
15,378	852	89	252		1.7%	1,193
10,307	571	89	169		1.2%	829
10,987	609	89	180		1.3%	877
20,802	1,152	89	341		2.3%	1,582
34,766	1,926	89	570		3.8%	2,584
24,524	1,358	89	402		2.7%	1,849
11,480	636	89	188		1.3%	913
14,820	821	89	243		1.7%	1,153
10,248	568	89	168		1.2%	824
69,816	3,867	89	1,144		7.5%	5,100
2,601	144	89		60	0.4%	293
27,353	1,515	89	448		3.0%	2,052
67,202	3,723	89	1,101		7.2%	4,912
151,507	8,393	89	2,482		16.0%	10,963
31,382	1,738	89	514		3.4%	2,341
17,123	949	89	281		1.9%	1,318
16,297	903	89	267		1.8%	1,259
10,877	603	89	178		1.3%	870
31,969	1,771	89	524		3.5%	2,383
75,397	4,177	89	1,235		8.1%	5,501
1,732	96	89		60	0.4%	245
16,790	930	89	275		1.9%	1,294
33,646	1,864	89	551		3.7%	2,504
13,629	755	89	223		1.6%	1,067
2,050	114	89		60	0.4%	262
17,431	966	89	286		2.0%	1,340
56,208	3,114	89	921		6.0%	4,123
11,488	636	89	188		1.3%	913
22,963	1,272	89	376		2.5%	1,737
33,858	1,876	89	555		3.7%	2,519
911,033	50,466	2,843	14,820	180	100.0%	68,309

Notes:
- The methodology used is based on SEED distribution as detailed to Chief Executives in 2001/02. The composite indicator used (Community and Residential Care for Children) is based on latest available data, please see Annex 3 for more details. Youth Crime share of £15m is based on information from SG Children, Young People and Social Care Group. Proportion of Children's Services and Youth Crime shares allocated as a flat rate are taken from previous settlement proportions.

Supporting Young People Leaving Care
2016-17

Primary Indicator	GAE	
Composite Primary Indicator	GAE Total (£000s)	£5,000

Carers Service & Respite Care
2016-17

Primary Indicator	GAE	
Other GAEs	GAE Total (£000s)	£24,125

Care Home Fees
2016-17

Primary Indicator	GAE	
Composite Primary Indicator	GAE Total (£000s)	£120,098

Local Authority	Indicator (number)	Share	GAE (£000s)
Aberdeen City	24,815	2.7%	136
Aberdeenshire	21,585	2.4%	118
Angus	15,378	1.7%	84
Argyll & Bute	10,307	1.1%	57
Clackmannanshire	10,987	1.2%	60
Dumfries & Galloway	20,802	2.3%	114
Dumfries City	34,766	3.8%	191
East Ayrshire	24,524	2.7%	135
East Dunbartonshire	11,480	1.3%	63
East Lothian	14,820	1.6%	81
East Renfrewshire	10,248	1.1%	56
Edinburgh (City of)	69,816	7.7%	383
Eilean Siar	2,601	0.3%	14
Falkirk	27,353	3.0%	150
Fife	67,202	7.4%	369
Glasgow City	151,507	16.6%	832
Highland	31,382	3.4%	172
Inverclyde	17,123	1.9%	94
Midlothian	16,297	1.8%	89
Moray	10,877	1.2%	60
North Ayrshire	31,969	3.5%	175
North Lanarkshire	75,397	8.3%	414
Orkney Islands	1,732	0.2%	10
Perth & Kinross	16,790	1.8%	92
Renfrewshire	33,646	3.7%	185
Scottish Borders	13,629	1.5%	75
Shetland Islands	2,050	0.2%	11
South Ayrshire	17,431	1.9%	96
South Lanarkshire	56,208	6.2%	308
Stirling	11,488	1.3%	63
West Dunbartonshire	22,963	2.5%	126
West Lothian	33,858	3.7%	186
TOTAL	911,033	100.0%	5,000

Notes:
 - The methodology used is based on SEED distribution as detailed in a letter to Chief Executives sent 12th November 2003.
 - The composite indicator used (Community and Residential Care for children) is based on the latest available data, see Annex 3 for more details.

Indicator (£000s)	Share	GAE (£000s)
50,807	3.9%	937
54,377	4.2%	1,003
31,096	2.4%	574
24,405	1.9%	450
11,858	0.9%	219
42,625	3.3%	786
40,461	3.1%	746
31,459	2.4%	580
25,321	1.9%	467
24,507	1.9%	452
21,233	1.6%	392
109,858	8.4%	2,026
8,698	0.7%	160
37,417	2.9%	690
89,943	6.9%	1,659
153,332	11.7%	2,828
56,497	4.3%	1,042
22,779	1.7%	420
19,045	1.5%	351
23,331	1.8%	430
36,745	2.8%	678
78,477	6.0%	1,447
5,614	0.4%	104
38,359	2.9%	707
43,478	3.3%	802
30,590	2.3%	564
5,168	0.4%	95
32,090	2.5%	592
77,832	6.0%	1,435
20,701	1.6%	382
23,810	1.8%	439
36,174	2.8%	667
1,308,088	100.0%	24,125

Notes:
 - Based on the GAE for Services for Home-Based Elderly, Residential Accommodation for the Elderly and Services for People with Disabilities.

Indicator (number)	Share	GAE (£000s)
305,950	3.8%	4,515
329,148	4.0%	4,857
217,130	2.7%	3,204
166,381	2.0%	2,455
73,329	0.9%	1,082
293,999	3.6%	4,339
259,797	3.2%	3,834
200,147	2.5%	2,954
158,997	2.0%	2,346
159,327	2.0%	2,351
131,728	1.6%	1,944
646,231	7.9%	9,537
61,326	0.8%	905
233,307	2.9%	3,443
590,955	7.3%	8,721
836,644	10.3%	12,347
366,788	4.5%	5,413
150,026	1.8%	2,214
119,029	1.5%	1,757
157,258	1.9%	2,321
240,256	3.0%	3,546
452,237	5.6%	6,674
39,135	0.5%	578
259,553	3.2%	3,830
269,997	3.3%	3,985
214,715	2.6%	3,169
34,056	0.4%	503
218,443	2.7%	3,224
476,541	5.9%	7,033
125,379	1.5%	1,850
144,772	1.8%	2,137
205,423	2.5%	3,032
8,138,008	100.0%	120,098

Notes:
 - Uses the same methodology as Residential Accommodation for the Elderly GAE. See Specific GAE Assessments (section 2.3). The composite primary indicator is a population weighted index constructed using standardised mortality ratios, population census long term limiting illness and living alone information as well as council tax data. For more information please see Annex 2.

**Personal & Nursing Care for Older People
2016-17**

Scottish Government Health Directorate Distribution	GAE	
	GAE Total (£000s)	£89,371

**ALL SOCIAL WORK
2016-17**

GAE	
GAE Total (£000s)	£2,119,962

Local Authority	Indicator	GAE (£000s)
Aberdeen City	4.1%	3,652
Aberdeenshire	6.0%	5,397
Angus	3.2%	2,862
Argyll & Bute	2.6%	2,309
Clackmannanshire	0.4%	315
Dumfries & Galloway	3.9%	3,495
Dundee City	1.6%	1,417
East Ayrshire	1.3%	1,202
East Dunbartonshire	3.4%	3,048
East Lothian	2.0%	1,771
East Renfrewshire	3.4%	3,004
Edinburgh (City of)	16.4%	14,649
Eilean Siar	0.2%	150
Falkirk	1.6%	1,426
Fife	6.9%	6,146
Glasgow City	4.7%	4,215
Highland	4.2%	3,718
Inverclyde	1.5%	1,333
Midlothian	1.3%	1,159
Moray	1.8%	1,628
North Ayrshire	2.5%	2,228
North Lanarkshire	1.2%	1,116
Orkney Islands	0.2%	166
Perth & Kinross	6.4%	5,759
Renfrewshire	2.1%	1,846
Scottish Borders	3.5%	3,161
Shetland Islands	0.1%	107
South Ayrshire	4.1%	3,625
South Lanarkshire	4.9%	4,351
Stirling	2.6%	2,354
West Dunbartonshire	1.0%	896
West Lothian	1.0%	866
TOTAL	100.0%	89,371

Local Authority	Share	GAE (£000s)
Aberdeen City	3.8%	79,998
Aberdeenshire	4.1%	86,216
Angus	2.3%	49,034
Argyll & Bute	1.8%	37,729
Clackmannanshire	0.9%	19,717
Dumfries & Galloway	3.1%	66,144
Dundee City	3.1%	65,780
East Ayrshire	2.4%	50,651
East Dunbartonshire	1.9%	40,478
East Lothian	1.9%	39,352
East Renfrewshire	1.6%	34,811
Edinburgh (City of)	8.7%	184,636
Eilean Siar	0.6%	12,413
Falkirk	2.8%	60,133
Fife	7.0%	147,473
Glasgow City	12.0%	253,991
Highland	4.2%	88,972
Inverclyde	1.7%	36,655
Midlothian	1.5%	32,114
Moray	1.7%	36,308
North Ayrshire	2.9%	60,743
North Lanarkshire	6.1%	129,477
Orkney Islands	0.4%	8,292
Perth & Kinross	2.9%	62,019
Renfrewshire	3.3%	70,197
Scottish Borders	2.3%	48,109
Shetland Islands	0.4%	7,870
South Ayrshire	2.4%	51,304
South Lanarkshire	5.9%	125,394
Stirling	1.6%	33,702
West Dunbartonshire	1.9%	39,551
West Lothian	2.9%	60,702
TOTAL	100.0%	2,119,962

Notes:
- Source: Scottish Government Directorate for Health Finance

Road Maintenance
2016-17

Primary Indicator	Secondary Indicator	GAE	
Weighted Lane Length (incl Peat)	No. of "Body Type - Car" Licences per Km of Unweighted Lane Length	GAE Total (£000s)	£195,269

Coefficient	0.0878
Wt Mean	21.4

Winter Maintenance
2016-17

Primary Indicator	Secondary Indicator	GAE	
Weighted Lane Length (excl Peat)	No. of "Body Type - Car" Licences per Km of Unweighted Lane Length (excl parking)	GAE Total (£000s)	£64,930

Coefficient	0.0159
Wt Mean	22.3

Local Authority	Indicator (km)	Effect (£000s)	Indicator (number)	Effect (£000s)	Share	GAE (£000s)
Aberdeen City	1,032	3,053	50.4	2,631	2.9%	5,683
Aberdeenshire	6,886	20,364	13.3	-4,882	7.9%	15,482
Angus	2,035	6,019	15.9	-971	2.6%	5,047
Argyll & Bute	3,256	9,629	9.1	-3,491	3.1%	6,138
Clackmannanshire	349	1,031	43.3	671	0.9%	1,703
Dumfries & Galloway	5,218	15,433	9.0	-5,669	5.0%	9,764
Dundee City	618	1,829	46.5	1,363	1.6%	3,192
East Ayrshire	1,335	3,949	23.8	292	2.2%	4,241
East Dunbartonshire	567	1,678	53.5	1,602	1.7%	3,280
East Lothian	1,033	3,054	26.1	427	1.8%	3,482
East Renfrewshire	544	1,610	46.9	1,222	1.5%	2,832
Edinburgh (City of)	1,583	4,683	59.1	5,252	5.1%	9,935
Eilean Siar	2,153	6,368	5.4	-3,008	1.7%	3,360
Falkirk	1,088	3,219	39.0	1,684	2.5%	4,903
Fife	2,775	8,205	35.7	3,501	6.0%	11,707
Glasgow City	2,569	7,596	49.3	6,290	7.1%	13,886
Highland	9,399	27,796	8.4	-10,718	8.7%	17,078
Inverclyde	391	1,156	45.3	823	1.0%	1,979
Midlothian	803	2,374	29.5	572	1.5%	2,946
Moray	1,787	5,284	14.8	-1,029	2.2%	4,256
North Ayrshire	1,148	3,395	29.1	779	2.1%	4,173
North Lanarkshire	1,819	5,378	44.3	3,655	4.6%	9,033
Orkney Islands	1,368	4,046	5.4	-1,915	1.1%	2,131
Perth & Kinross	2,937	8,686	14.9	-1,657	3.6%	7,030
Renfrewshire	977	2,888	45.2	2,042	2.5%	4,930
Scottish Borders	3,617	10,695	9.9	-3,644	3.6%	7,051
Shetland Islands	1,497	4,428	5.6	-2,072	1.2%	2,356
South Ayrshire	1,332	3,939	23.1	202	2.1%	4,141
South Lanarkshire	2,699	7,981	30.9	2,250	5.2%	10,230
Stirling	1,543	4,564	26.3	672	2.7%	5,236
West Dunbartonshire	421	1,244	50.5	1,076	1.2%	2,320
West Lothian	1,250	3,695	40.0	2,048	2.9%	5,743
TOTAL	66,029	195,269	22.5	0	100.0%	195,269

Notes:
 - Road Length and Parking Data: Annual Return to Transport Scotland 2015.
 - Kms of LA road length (April 2015) converted to lane length, and weighted (Principal Road x 1.0, Non Principal Road x 0.5). A further weighting of 0.442 is applied to lane length available for parking.
 - Number of "Body Type - Car" Licences 2015: Department for Transport.
 - Secondary indicator effect calculated as follows:
 (Primary Indicator*Regression coefficient)*(Secondary Indicator-Weighted Mean Secondary Indicator)

Indicator (km)	Effect (£000s)	Indicator (number)	Effect (£000s)	Share	GAE (£000s)
1,009	1,084	51.4	466	2.4%	1,550
6,175	6,636	13.3	-884	8.9%	5,752
2,037	2,189	15.9	-206	3.1%	1,983
2,789	2,998	9.1	-582	3.7%	2,415
339	364	43.3	113	0.7%	477
4,655	5,003	9.0	-984	6.2%	4,019
615	661	46.6	237	1.4%	898
1,295	1,392	23.8	30	2.2%	1,422
562	604	53.7	280	1.4%	884
1,034	1,112	26.1	62	1.8%	1,174
520	558	47.7	210	1.2%	768
1,549	1,665	59.9	926	4.0%	2,591
1,531	1,645	5.4	-410	1.9%	1,235
1,090	1,172	38.9	288	2.2%	1,460
2,757	2,962	35.7	588	5.5%	3,550
2,069	2,224	60.1	1,242	5.3%	3,466
8,139	8,747	8.4	-1,800	10.7%	6,947
391	420	45.3	143	0.9%	563
771	828	29.5	88	1.4%	917
1,711	1,839	14.8	-204	2.5%	1,635
1,141	1,226	29.2	125	2.1%	1,351
1,777	1,910	44.3	620	3.9%	2,529
1,144	1,230	5.4	-307	1.4%	923
2,920	3,138	14.9	-341	4.3%	2,797
924	993	45.2	336	2.0%	1,329
3,426	3,682	9.9	-675	4.6%	3,007
1,274	1,369	5.6	-338	1.6%	1,031
1,290	1,387	23.1	16	2.2%	1,402
2,635	2,832	30.8	356	4.9%	3,188
1,236	1,328	26.3	79	2.2%	1,407
418	449	50.7	188	1.0%	637
1,194	1,283	40.1	338	2.5%	1,622
60,416	64,930	22.7	0	100.0%	64,930

Notes:
 - Road length Data: Annual Return to Transport Scotland 2015.
 - Kms of LA road length (April 2015) converted to lane length, and weighted (Principal Road x 1.0, Non Principal Road x 0.5).
 - Number of "Body Type - Car" Licences 2015: Department for Transport.
 - Secondary indicator effect calculated as follows:
 (Primary Indicator*Regression coefficient)*(Secondary Indicator-Weighted Mean Secondary Indicator)

Road Lighting
2016-17

Primary Indicator	GAE	
	Urban Lane Length	GAE Total (£000s)

Road Administration
2016-17

Primary Indicator	GAE	
	Other GAEs	GAE Total (£000s)

Support for Buses
2016-17

Primary Indicator	GAE	
	Total Population	GAE Total (£000s)

Local Authority	Indicator (km)	Share	GAE (£000s)
Aberdeen City	1,596	4.0%	2,421
Aberdeenshire	1,721	4.4%	2,611
Angus	856	2.2%	1,298
Argyll & Bute	883	2.2%	1,340
Clackmannanshire	422	1.1%	641
Dumfries & Galloway	1,287	3.3%	1,952
Dundee City	1,094	2.8%	1,660
East Ayrshire	910	2.3%	1,380
East Dunbartonshire	813	2.1%	1,233
East Lothian	658	1.7%	998
East Renfrewshire	740	1.9%	1,123
Edinburgh (City of)	2,574	6.5%	3,905
Eilean Siar	328	0.8%	498
Falkirk	1,490	3.8%	2,260
Fife	2,976	7.5%	4,515
Glasgow City	3,689	9.3%	5,596
Highland	2,218	5.6%	3,364
Inverclyde	569	1.4%	863
Midlothian	696	1.8%	1,056
Moray	817	2.1%	1,240
North Ayrshire	1,115	2.8%	1,691
North Lanarkshire	2,492	6.3%	3,780
Orkney Islands	241	0.6%	366
Perth & Kinross	1,088	2.8%	1,651
Renfrewshire	1,286	3.3%	1,950
Scottish Borders	754	1.9%	1,144
Shetland Islands	248	0.6%	377
South Ayrshire	869	2.2%	1,319
South Lanarkshire	2,420	6.1%	3,672
Stirling	753	1.9%	1,142
West Dunbartonshire	639	1.6%	970
West Lothian	1,314	3.3%	1,993
TOTAL	39,557	100.0%	60,008

Notes:
- Road length Data: Annual Return to Transport Scotland 2015.
- Kms of LA road length (April 2015) classified as urban, converted to lane length.

Indicator (£000s)	Share	GAE (£000s)
9,655	3.0%	1,362
23,846	7.4%	3,364
8,328	2.6%	1,175
9,893	3.1%	1,396
2,820	0.9%	398
15,735	4.9%	2,220
5,749	1.8%	811
7,043	2.2%	994
5,397	1.7%	761
5,654	1.8%	798
4,723	1.5%	666
16,430	5.1%	2,318
5,094	1.6%	719
8,623	2.7%	1,216
19,771	6.2%	2,789
22,948	7.2%	3,238
27,389	8.6%	3,864
3,405	1.1%	480
4,918	1.5%	694
7,131	2.2%	1,006
7,216	2.3%	1,018
15,342	4.8%	2,164
3,421	1.1%	483
11,478	3.6%	1,619
8,210	2.6%	1,158
11,202	3.5%	1,580
3,764	1.2%	531
6,862	2.1%	968
17,090	5.3%	2,411
7,785	2.4%	1,098
3,926	1.2%	554
9,358	2.9%	1,320
320,207	100.0%	45,175

Notes:
- Based on the GAEs for Road Maintenance, Winter Maintenance and Road Lighting.

Indicator (number)	Share	GAE (£000s)
228,923	4.3%	1,247
260,533	4.9%	1,420
116,734	2.2%	636
87,650	1.6%	478
51,192	1.0%	279
149,954	2.8%	817
148,117	2.8%	807
122,138	2.3%	666
106,712	2.0%	582
102,087	1.9%	556
92,386	1.7%	503
492,604	9.2%	2,684
27,254	0.5%	149
157,691	2.9%	859
367,256	6.9%	2,001
599,646	11.2%	3,268
233,084	4.4%	1,270
79,897	1.5%	435
86,217	1.6%	470
94,769	1.8%	516
136,476	2.6%	744
338,007	6.3%	1,842
21,589	0.4%	118
148,923	2.8%	812
174,229	3.3%	949
114,043	2.1%	621
23,228	0.4%	127
112,535	2.1%	613
315,301	5.9%	1,718
91,522	1.7%	499
89,712	1.7%	489
177,191	3.3%	966
5,347,600	100.0%	29,141

Notes:
- Population Data: National Records of Scotland (NRS) Mid-Year Estimates 2014, provisionally corrected. See Data Issues (section 2.2).

**Remainder of Concessionary Fares
2016-17**

Primary Indicator	GAE	
Population Aged 60+	GAE Total (£000s)	£24,722

**Support of Ferries
2016-17**

Gross Expenditure	GAE	
	GAE Total (£000s)	£13,027

**Support of Airports & Harbours etc
2016-17**

Budget Estimate	GAE	
	GAE Total (£000s)	£3,035

**Support of Glasgow Underground
2016-17**

Share of Population within SPTA Area	GAE	
	GAE Total (£000s)	£8,668

Local Authority	Indicator (number)	Share	GAE (£000s)	Indicator (£000s)	Share	GAE (£000s)	Indicator (£000s)	Share	GAE (£000s)	Indicator	GAE (£000s)
Aberdeen City	45,822	3.6%	882	0	0.0%	0	0	0.0%	0	0.0%	0
Aberdeenshire	62,135	4.8%	1,196	0	0.0%	0	0	0.0%	0	0.0%	0
Angus	33,515	2.6%	645	0	0.0%	0	0	0.0%	0	0.0%	0
Argyll & Bute	27,503	2.1%	529	1,617	5.8%	754	772	17.5%	532	1.3%	110
Clackmannanshire	12,600	1.0%	243	0	0.0%	0	0	0.0%	0	0.0%	0
Dumfries & Galloway	46,597	3.6%	897	0	0.0%	0	78	1.8%	53	0.0%	0
Dundee City	33,392	2.6%	643	0	0.0%	0	858	19.5%	591	0.0%	0
East Ayrshire	30,875	2.4%	594	9	0.0%	4	0	0.0%	0	5.2%	449
East Dunbartonshire	29,494	2.3%	568	9	0.0%	4	0	0.0%	0	5.1%	446
East Lothian	25,540	2.0%	492	0	0.0%	0	8	0.2%	5	0.0%	0
East Renfrewshire	23,120	1.8%	445	8	0.0%	4	0	0.0%	0	4.2%	368
Edinburgh (City of)	97,792	7.6%	1,882	0	0.0%	0	0	0.0%	0	0.0%	0
Eilean Siar	8,449	0.7%	163	0	0.0%	0	263	6.0%	181	0.0%	0
Falkirk	37,297	2.9%	718	0	0.0%	0	0	0.0%	0	0.0%	0
Fife	93,672	7.3%	1,803	0	0.0%	0	0	0.0%	0	0.0%	0
Glasgow City	111,286	8.7%	2,142	50	0.2%	23	0	0.0%	0	27.5%	2,380
Highland	64,257	5.0%	1,237	1,509	5.4%	703	0	0.0%	0	0.0%	0
Inverclyde	20,738	1.6%	399	7	0.0%	3	0	0.0%	0	4.0%	347
Midlothian	20,958	1.6%	403	0	0.0%	0	0	0.0%	0	0.0%	0
Moray	25,009	1.9%	481	0	0.0%	0	0	0.0%	0	0.0%	0
North Ayrshire	37,464	2.9%	721	11	0.0%	5	89	2.0%	61	6.1%	533
North Lanarkshire	74,074	5.8%	1,426	28	0.1%	13	0	0.0%	0	15.3%	1,322
Orkney Islands	6,205	0.5%	119	9,754	34.9%	4,547	1,407	32.0%	970	0.0%	0
Perth & Kinross	42,487	3.3%	818	0	0.0%	0	112	2.5%	77	0.0%	0
Renfrewshire	42,107	3.3%	811	15	0.1%	7	0	0.0%	0	8.2%	712
Scottish Borders	34,428	2.7%	663	0	0.0%	0	0	0.0%	0	0.0%	0
Shetland Islands	5,717	0.4%	110	14,885	53.3%	6,939	818	18.6%	564	0.0%	0
South Ayrshire	34,269	2.7%	660	8	0.0%	4	0	0.0%	0	4.4%	381
South Lanarkshire	77,125	6.0%	1,485	26	0.1%	12	0	0.0%	0	14.3%	1,235
Stirling	22,237	1.7%	428	0	0.0%	0	0	0.0%	0	0.0%	0
West Dunbartonshire	21,209	1.7%	408	8	0.0%	4	0	0.0%	0	4.4%	385
West Lothian	36,887	2.9%	710	0	0.0%	0	0	0.0%	0	0.0%	0
TOTAL	1,284,260	100.0%	24,722	27,945	100.0%	13,027	4,403	100.0%	3,035	100.0%	8,668

Notes:
 - Previously known as Concessionary Fares. Name changed due to transfer of funding as per Finance Circular 8-2005 when responsibility for Scotland-wide free bus travel for people aged 60 and above was transferred to Transport Scotland.
 - Population Data: National Records of Scotland (NRS) Mid-Year Estimates 2014, provisionally corrected. See Data Issues (section 2.2).

Notes:
 - Average of Gross Expenditure 2013/14 and 2014/15.
 Source: SG Statistical Support for Local Government, LFR Returns

Notes:
 - Average of Budget Estimates, 2014/15 and 2015/16.
 Source: SG Statistical Support for Local Government, POBE 2014 & 2015

Notes:
 - Share of Population: Strathclyde Passenger Transport Authority

ALL ROADS & TRANSPORT
2016-17

GAE	
GAE Total (£000s)	£443,975

Local Authority	Share	GAE (£000s)
Aberdeen City	3.0%	13,146
Aberdeenshire	6.7%	29,826
Angus	2.4%	10,784
Argyll & Bute	3.1%	13,693
Clackmannanshire	0.8%	3,740
Dumfries & Galloway	4.4%	19,723
Dundee City	1.9%	8,602
East Ayrshire	2.2%	9,750
East Dunbartonshire	1.7%	7,758
East Lothian	1.7%	7,504
East Renfrewshire	1.5%	6,710
Edinburgh (City of)	5.3%	23,315
Eilean Siar	1.4%	6,305
Falkirk	2.6%	11,416
Fife	5.9%	26,365
Glasgow City	7.7%	33,999
Highland	7.8%	34,464
Inverclyde	1.1%	5,070
Midlothian	1.5%	6,485
Moray	2.1%	9,134
North Ayrshire	2.3%	10,297
North Lanarkshire	5.0%	22,110
Orkney Islands	2.2%	9,657
Perth & Kinross	3.3%	14,804
Renfrewshire	2.7%	11,847
Scottish Borders	3.2%	14,067
Shetland Islands	2.7%	12,034
South Ayrshire	2.1%	9,488
South Lanarkshire	5.4%	23,951
Stirling	2.2%	9,810
West Dunbartonshire	1.3%	5,765
West Lothian	2.8%	12,354
TOTAL	100.0%	443,975

Parks and Open Spaces (inc. countryside amenities)
2016-17

Primary Indicator	Secondary Indicator	GAE	
Adjusted Population	Urban Settlement Pattern	GAE Total (£000s)	£129,105

Coefficient	-0.0003
Wt Mean	25.1

Sports Facilities & Swimming Pools
2016-17

Primary Indicator	GAE	
Adjusted Population	GAE Total (£000s)	£85,839

Tourism
2016-17

Primary Indicator	GAE	
Average Expenditure	GAE Total (£000s)	£12,374

Local Authority	Indicator (number)	Effect (£000s)	Indicator	Effect (£000s)	Share	GAE (£000s)
Aberdeen City	89,243	5,634	3.5%	645	4.9%	6,279
Aberdeenshire	97,294	6,142	69.5%	-1,442	3.6%	4,700
Angus	43,384	2,739	45.1%	-289	1.9%	2,450
Argyll & Bute	36,180	2,284	79.1%	-653	1.3%	1,631
Clackmannanshire	18,991	1,199	8.6%	105	1.0%	1,304
Dumfries & Galloway	57,460	3,627	66.7%	-799	2.2%	2,828
Dundee City	56,359	3,558	0.2%	471	3.1%	4,029
East Ayrshire	45,286	2,859	32.8%	-117	2.1%	2,742
East Dunbartonshire	39,546	2,496	5.5%	260	2.1%	2,756
East Lothian	38,475	2,429	46.3%	-272	1.7%	2,157
East Renfrewshire	34,159	2,156	2.3%	261	1.9%	2,417
Edinburgh (City of)	197,692	12,480	0.4%	1,635	10.9%	14,114
Eilean Siar	10,719	677	100.0%	-268	0.3%	408
Falkirk	58,720	3,707	6.2%	372	3.2%	4,079
Fife	136,999	8,648	28.4%	-150	6.6%	8,499
Glasgow City	235,335	14,856	0.1%	1,969	13.0%	16,825
Highland	93,229	5,885	69.1%	-1,370	3.5%	4,515
Inverclyde	29,741	1,877	13.7%	114	1.5%	1,991
Midlothian	32,386	2,044	10.3%	161	1.7%	2,205
Moray	36,167	2,283	75.2%	-605	1.3%	1,678
North Ayrshire	51,287	3,238	16.6%	146	2.6%	3,384
North Lanarkshire	125,631	7,931	3.9%	892	6.8%	8,823
Orkney Islands	8,770	554	100.0%	-220	0.3%	334
Perth & Kinross	57,957	3,659	63.6%	-745	2.3%	2,913
Renfrewshire	65,390	4,128	3.6%	472	3.6%	4,600
Scottish Borders	43,181	2,726	72.2%	-680	1.6%	2,046
Shetland Islands	9,599	606	100.0%	-240	0.3%	366
South Ayrshire	43,333	2,736	30.7%	-81	2.1%	2,655
South Lanarkshire	117,118	7,393	21.5%	144	5.8%	7,537
Stirling	35,944	2,269	46.7%	-260	1.6%	2,009
West Dunbartonshire	33,485	2,114	1.2%	268	1.8%	2,382
West Lothian	66,083	4,172	12.6%	277	3.4%	4,449
TOTAL	2,045,142	129,105	25.1%	0	100.0%	129,105

Notes:
 - Adjusted Population (NRS MYE 2014) in days / 1,000. Adjusted for net commuters and tourists. For calculation details see Annex 1.
 - Urban Settlement Pattern: Percentage of LA population living in settlements of less than 10,000 (Source: NRS Census day 2011 settlements). Settlements within 1km of each other are merged.
 - Secondary indicator effect calculated as follows:
 (Primary Indicator*Regression coefficient)*(Secondary Indicator-Weighted Mean Secondary Indicator)

Indicator (number)	Share	GAE (£000s)
88,762	4.5%	3,897
92,287	4.7%	4,052
39,930	2.0%	1,753
33,058	1.7%	1,451
17,999	0.9%	790
52,223	2.7%	2,293
54,890	2.8%	2,410
42,754	2.2%	1,877
36,365	1.9%	1,597
36,109	1.8%	1,585
31,834	1.6%	1,398
196,576	10.1%	8,631
9,714	0.5%	427
55,957	2.9%	2,457
129,346	6.6%	5,679
235,411	12.0%	10,336
86,950	4.4%	3,818
27,829	1.4%	1,222
30,826	1.6%	1,353
33,894	1.7%	1,488
47,818	2.4%	2,100
121,478	6.2%	5,334
8,132	0.4%	357
53,547	2.7%	2,351
62,123	3.2%	2,728
39,228	2.0%	1,722
9,130	0.5%	401
39,618	2.0%	1,739
110,800	5.7%	4,865
34,337	1.8%	1,508
31,924	1.6%	1,402
64,201	3.3%	2,819
1,955,051	100.0%	85,839

Notes:
 - Adjusted Population (NRS MYE 2014) in days / 1,000. Adjusted for net commuters, tourists and sports facilities use. For calculation details see Annex 1.

Indicator (£000s)	Share	GAE (£000s)
1,321	5.3%	662
502	2.0%	252
54	0.2%	27
142	0.6%	71
466	1.9%	234
481	1.9%	241
154	0.6%	77
680	2.8%	341
171	0.7%	86
210	0.8%	105
21	0.1%	11
7,587	30.7%	3,803
126	0.5%	63
226	0.9%	113
438	1.8%	219
5,234	21.2%	2,623
659	2.7%	330
150	0.6%	75
268	1.1%	134
35	0.1%	18
265	1.1%	133
79	0.3%	40
181	0.7%	91
215	0.9%	108
1,087	4.4%	545
255	1.0%	128
495	2.0%	248
977	4.0%	490
1,226	5.0%	614
359	1.5%	180
263	1.1%	132
362	1.5%	182
24,688	100.0%	12,374

Notes:
 - Average of Actual Net Expenditure 2012/13, 2013/14 & 2014/15.
 Source: SG Statistical Support for Local Government, LFR returns

**Remainder of Leisure & Recreation (inc. region element)
2016-17**

Primary Indicator	GAE	
Adjusted Population	GAE Total (£000s)	£59,357

**Libraries
2016-17**

Primary Indicator	GAE	
Adjusted Population	GAE Total (£000s)	£85,412

**Museums & Art Galleries
2016-17**

Primary Indicator	GAE	
Budget Estimate	GAE Total (£000s)	£29,786

Local Authority	Indicator (number)	Share	GAE (£000s)
Aberdeen City	89,243	4.4%	2,590
Aberdeenshire	97,294	4.8%	2,824
Angus	43,384	2.1%	1,259
Argyll & Bute	36,180	1.8%	1,050
Clackmannanshire	18,991	0.9%	551
Dumfries & Galloway	57,460	2.8%	1,668
Dundee City	56,359	2.8%	1,636
East Ayrshire	45,286	2.2%	1,314
East Dunbartonshire	39,546	1.9%	1,148
East Lothian	38,475	1.9%	1,117
East Renfrewshire	34,159	1.7%	991
Edinburgh (City of)	197,692	9.7%	5,738
Eilean Siar	10,719	0.5%	311
Falkirk	58,720	2.9%	1,704
Fife	136,999	6.7%	3,976
Glasgow City	235,335	11.5%	6,830
Highland	93,229	4.6%	2,706
Inverclyde	29,741	1.5%	863
Midlothian	32,386	1.6%	940
Moray	36,167	1.8%	1,050
North Ayrshire	51,287	2.5%	1,489
North Lanarkshire	125,631	6.1%	3,646
Orkney Islands	8,770	0.4%	255
Perth & Kinross	57,957	2.8%	1,682
Renfrewshire	65,390	3.2%	1,898
Scottish Borders	43,181	2.1%	1,253
Shetland Islands	9,599	0.5%	279
South Ayrshire	43,333	2.1%	1,258
South Lanarkshire	117,118	5.7%	3,399
Stirling	35,944	1.8%	1,043
West Dunbartonshire	33,485	1.6%	972
West Lothian	66,083	3.2%	1,918
TOTAL	2,045,142	100.0%	59,357

Notes:
- Adjusted Population (NRS MYE 2014) in days / 1,000. Adjusted for net commuters and tourists. For calculation details see Annex 1.

Indicator (number)	Share	GAE (£000s)
86,744	4.4%	3,798
92,099	4.7%	4,033
41,594	2.1%	1,821
32,085	1.6%	1,405
18,134	0.9%	794
54,566	2.8%	2,389
55,236	2.8%	2,419
43,799	2.2%	1,918
37,321	1.9%	1,634
36,122	1.9%	1,582
32,119	1.6%	1,406
185,311	9.5%	8,114
9,900	0.5%	433
56,535	2.9%	2,475
132,389	6.8%	5,797
228,196	11.7%	9,992
84,892	4.4%	3,717
28,897	1.5%	1,265
30,685	1.6%	1,344
34,268	1.8%	1,500
48,855	2.5%	2,139
121,490	6.2%	5,320
7,865	0.4%	344
54,065	2.8%	2,367
63,556	3.3%	2,783
41,127	2.1%	1,801
8,490	0.4%	372
41,184	2.1%	1,803
112,991	5.8%	4,947
33,956	1.7%	1,487
32,149	1.6%	1,408
64,035	3.3%	2,804
1,950,655	100.0%	85,412

Notes:
- Adjusted Population (NRS MYE 2014) in days / 1,000. Adjusted for net commuters. For calculation details see Annex 1.

Indicator (£000s)	Share	GAE (£000s)
3,035	7.5%	2,228
1,229	3.0%	902
885	2.2%	649
132	0.3%	97
93	0.2%	68
1,506	3.7%	1,106
1,501	3.7%	1,102
861	2.1%	632
341	0.8%	250
530	1.3%	389
81	0.2%	59
3,366	8.3%	2,472
379	0.9%	278
925	2.3%	679
583	1.4%	428
14,914	36.8%	10,951
1,282	3.2%	941
276	0.7%	203
74	0.2%	54
189	0.5%	138
284	0.7%	209
1,736	4.3%	1,274
331	0.8%	243
1,063	2.6%	781
1,141	2.8%	838
942	2.3%	692
1,087	2.7%	798
467	1.1%	343
677	1.7%	497
416	1.0%	305
145	0.4%	106
102	0.3%	75
40,566	100.0%	29,786

Notes:
- Average of Budget Estimates, 2014/15 and 2015/16. Source: SG Statistical Support for Local Government, POBE 2014 & 2015

Land Access
2016-17

Primary Indicator 1 Population (excl. national parks)	Primary Indicator 2 Total length of off-road paths (excl national parks)	Minimum Payment	GAE	
			GAE Total (£000s)	£8,100

GAE	
GAE Total (£000s)	£409,973

Local Authority	Indicator (number)	Effect (£000s)	Indicator (number)	Effect (£000s)	Effect (£000)	Share	GAE (£000s)
Aberdeen City	228,923	174	825,590	43	0	2.7%	217
Aberdeenshire	257,093	195	7,234,234	374	0	7.0%	569
Angus	116,734	89	2,995,971	155	0	3.0%	244
Argyll & Bute	84,726	64	4,069,149	210	0	3.4%	275
Clackmannanshire	51,192	0	547,285	0	70	0.9%	70
Dumfries & Galloway	149,954	114	5,765,542	298	0	5.1%	412
Dundee City	148,117	113	487,684	25	0	1.7%	138
East Ayrshire	122,138	93	1,366,522	71	0	2.0%	163
East Dunbartonshire	106,712	81	644,829	33	0	1.4%	114
East Lothian	102,087	78	1,556,552	81	0	2.0%	158
East Renfrewshire	92,386	70	358,766	19	0	1.1%	89
Edinburgh (City of)	492,604	374	1,078,396	56	0	5.3%	430
Eilean Siar	27,254	21	1,360,949	70	0	1.1%	91
Falkirk	157,691	120	1,089,596	56	0	2.2%	176
Fife	367,256	279	3,578,179	185	0	5.7%	464
Glasgow City	599,646	456	1,372,424	71	0	6.5%	527
Highland	219,352	167	14,076,190	728	0	11.0%	895
Inverclyde	79,897	61	358,529	19	0	1.0%	79
Midlothian	86,217	66	770,946	40	0	1.3%	105
Moray	93,721	71	3,131,802	162	0	2.9%	233
North Ayrshire	136,476	104	1,329,411	69	0	2.1%	172
North Lanarkshire	338,007	257	2,048,928	106	0	4.5%	363
Orkney Islands	21,589	16	1,499,404	78	0	1.2%	94
Perth & Kinross	147,659	112	5,157,036	267	0	4.7%	379
Renfrewshire	174,229	132	843,908	44	0	2.2%	176
Scottish Borders	114,043	87	6,079,422	314	0	5.0%	401
Shetland Islands	23,228	0	962,564	0	70	0.9%	70
South Ayrshire	112,535	85	1,217,456	63	0	1.8%	148
South Lanarkshire	315,301	240	2,510,806	130	0	4.6%	369
Stirling	82,511	63	2,224,714	115	0	2.2%	178
West Dunbartonshire	86,663	66	491,833	25	0	1.1%	91
West Lothian	177,191	135	1,431,768	74	0	2.6%	209
TOTAL	5,313,132	3,980	78,466,385	3,980	140	100.0%	8,100

ALL LEISURE & RECREATION
2016-17

Local Authority	Share	GAE (£000s)
Aberdeen City	4.8%	19,671
Aberdeenshire	4.2%	17,331
Angus	2.0%	8,203
Argyll & Bute	1.5%	5,980
Clackmannanshire	0.9%	3,811
Dumfries & Galloway	2.7%	10,937
Dundee City	2.9%	11,810
East Ayrshire	2.2%	8,988
East Dunbartonshire	1.9%	7,585
East Lothian	1.7%	7,093
East Renfrewshire	1.6%	6,372
Edinburgh (City of)	10.6%	43,302
Eilean Siar	0.5%	2,012
Falkirk	2.8%	11,684
Fife	6.1%	25,062
Glasgow City	14.2%	58,084
Highland	4.1%	16,922
Inverclyde	1.4%	5,698
Midlothian	1.5%	6,136
Moray	1.5%	6,105
North Ayrshire	2.3%	9,625
North Lanarkshire	6.0%	24,799
Orkney Islands	0.4%	1,718
Perth & Kinross	2.6%	10,581
Renfrewshire	3.3%	13,567
Scottish Borders	2.0%	8,043
Shetland Islands	0.6%	2,533
South Ayrshire	2.1%	8,436
South Lanarkshire	5.4%	22,230
Stirling	1.6%	6,710
West Dunbartonshire	1.6%	6,492
West Lothian	3.0%	12,454
TOTAL	100.0%	409,973

Notes:
- Off Road Paths (length in metres): Scottish National Heritage, Scottish Path Records
- Population: NRS Census 2011, Total population minus Population Living In National Parks
- Population: NRS MYE 2014, Total population, provisionally corrected. See Data Issues (section 2.2).
- Population is calculated by applying the 2011 proportion of population not living in a national park to MYE 2014 population for each authority. There is a 50:50 split between population and total length of off -road paths (excluding national parks) unless authority does not reach minimum allocation of £70,000

Waste Collection
2016-17

Primary Indicator	Secondary Indicator	GAE	
Total Dwellings Valued for Council Tax (Excl unoccupied exemptions)	Population Dispersion	GAE Total (£000s)	£82,388

Coefficient	0.0004
Wt Mean	5.4

Waste Disposal
2016-17

Primary Indicator	GAE	
Adjusted Population	GAE Total (£000s)	£111,247

Local Authority	Indicator (number)	Effect (£000s)	Indicator	Effect (£000s)	Share	GAE (£000s)
Aberdeen City	112,641	3,694	0.3	-211	4.2%	3,482
Aberdeenshire	113,011	3,706	12.7	303	4.9%	4,009
Angus	54,440	1,785	3.4	-40	2.1%	1,745
Argyll & Bute	46,738	1,533	31.4	446	2.4%	1,979
Clackmannanshire	23,716	778	2.6	-24	0.9%	753
Dumfries & Galloway	72,743	2,385	15.8	278	3.2%	2,663
Dumfries City	72,043	2,362	0.0	-143	2.7%	2,219
East Ayrshire	56,624	1,857	5.0	-8	2.2%	1,848
East Dunbartonshire	45,328	1,486	0.8	-77	1.7%	1,410
East Lothian	45,821	1,502	3.2	-37	1.8%	1,465
East Renfrewshire	37,753	1,238	1.3	-57	1.4%	1,181
Edinburgh (City of)	238,717	7,828	0.1	-465	8.9%	7,363
Eilean Siar	13,951	457	51.7	237	0.8%	695
Falkirk	72,265	2,370	0.8	-122	2.7%	2,247
Fife	170,661	5,596	3.2	-138	6.6%	5,458
Glasgow City	295,446	9,688	0.0	-586	11.0%	9,101
Highland	114,050	3,740	28.3	959	5.7%	4,699
Inverclyde	37,685	1,236	1.6	-53	1.4%	1,183
Midlothian	38,153	1,251	2.0	-48	1.5%	1,203
Moray	42,504	1,394	7.0	25	1.7%	1,419
North Ayrshire	66,637	2,185	2.5	-71	2.6%	2,114
North Lanarkshire	150,659	4,940	1.3	-227	5.7%	4,713
Orkney Islands	10,505	344	15.0	37	0.5%	382
Perth & Kinross	69,432	2,277	10.5	130	2.9%	2,407
Renfrewshire	83,670	2,744	1.4	-123	3.2%	2,621
Scottish Borders	56,158	1,841	17.8	256	2.5%	2,097
Shetland Islands	10,823	355	31.9	105	0.6%	460
South Ayrshire	53,842	1,765	6.0	12	2.2%	1,777
South Lanarkshire	145,597	4,774	1.8	-193	5.6%	4,582
Stirling	40,014	1,312	7.8	35	1.6%	1,347
West Dunbartonshire	44,260	1,451	0.1	-86	1.7%	1,365
West Lothian	76,702	2,515	1.3	-116	2.9%	2,400
TOTAL	2,512,589	82,388	5.40	0	100.0%	82,388

Indicator (number)	Share	GAE (£000s)
90,899	4.4%	4,894
97,707	4.7%	5,261
43,588	2.1%	2,347
36,406	1.8%	1,960
19,127	0.9%	1,030
57,553	2.8%	3,099
57,105	2.8%	3,075
45,642	2.2%	2,457
39,909	1.9%	2,149
38,723	1.9%	2,085
34,444	1.7%	1,855
200,730	9.7%	10,808
10,727	0.5%	578
59,171	2.9%	3,186
137,427	6.7%	7,399
240,704	11.6%	12,960
93,340	4.5%	5,026
29,961	1.5%	1,613
32,749	1.6%	1,763
36,255	1.8%	1,952
51,600	2.5%	2,778
126,824	6.1%	6,829
8,776	0.4%	473
58,277	2.8%	3,138
66,425	3.2%	3,576
43,273	2.1%	2,330
9,616	0.5%	518
43,787	2.1%	2,358
118,242	5.7%	6,366
36,572	1.8%	1,969
33,837	1.6%	1,822
66,763	3.2%	3,595
2,066,160	100.0%	111,247

Notes:

- Dwellings Valued for Council Tax: SG Statistical Support for Local Government (CTAXBASE return 2015)
 - Population Dispersion: This is a measure of the degree to which the population of an authority is spread across its area in relation to (main) settlements. The expression may be defined as the sum of the distances between census output areas, that are outwith settlements of 7,000 or more and the nearest settlement of 7,000 or more (referred to as a Key Settlement). This is multiplied by the population of the output area relative to the non-settlement population of the authority:

$$LA \text{ Dispersion}(OA_i) = \frac{\sum \text{Distance}(OA_i \rightarrow \text{Nearest}) \times \text{Population}}{\text{Total Population}}$$

Notes:

- Adjusted Population (NRS MYE 2014) in days / 1,000. Adjusted for in-commuters and tourists. For calculation details see Annex 1.

Street Cleaning
2016-17

Primary Indicator	Secondary Indicator	GAE	
Adjusted Population	Road Density Area Deprivation	GAE Total (£000s)	£69,022

Coefficient	0.0057
Wt Mean	0.5

Environmental Health
2016-17

Primary Indicator	Secondary Indicator	GAE	
Adjusted Population	Rural Settlement Pattern	GAE Total (£000s)	£68,149

Coefficient	0.0001
Wt Mean	10.8%

Local Authority	Indicator (number)	Effect (£000s)	Indicator	Effect (£000s)	Share	GAE (£000s)
Aberdeen City	89,873	3,084	0.78	120	4.6%	3,204
Aberdeenshire	93,658	3,214	-1.35	-1,006	3.2%	2,207
Angus	42,055	1,443	-1.06	-383	1.5%	1,060
Argyll & Bute	35,922	1,233	-0.97	-309	1.3%	923
Clackmannanshire	18,230	626	0.81	27	0.9%	653
Dumfries & Galloway	57,149	1,961	-1.03	-510	2.1%	1,452
Dundee City	56,382	1,935	2.27	552	3.6%	2,487
East Ayrshire	43,953	1,508	0.37	-45	2.1%	1,463
East Dunbartonshire	37,356	1,282	-0.20	-157	1.6%	1,124
East Lothian	36,954	1,268	-0.97	-317	1.4%	951
East Renfrewshire	32,119	1,102	-0.12	-122	1.4%	981
Edinburgh (City of)	198,511	6,812	1.62	1,206	11.6%	8,018
Eilean Siar	10,658	366	-1.46	-121	0.4%	244
Falkirk	57,002	1,956	0.11	-140	2.6%	1,816
Fife	134,676	4,621	0.13	-316	6.2%	4,306
Glasgow City	236,377	8,111	3.43	3,864	17.4%	11,975
Highland	92,875	3,187	-1.01	-820	3.4%	2,367
Inverclyde	29,135	1,000	1.97	235	1.8%	1,234
Midlothian	31,041	1,065	-0.67	-215	1.2%	850
Moray	35,706	1,225	-1.28	-370	1.2%	855
North Ayrshire	49,844	1,710	0.75	58	2.6%	1,768
North Lanarkshire	121,904	4,183	1.32	538	6.8%	4,721
Orkney Islands	8,744	300	-1.46	-100	0.3%	200
Perth & Kinross	57,173	1,962	-1.07	-524	2.1%	1,437
Renfrewshire	63,757	2,188	1.05	182	3.4%	2,370
Scottish Borders	42,540	1,460	-1.18	-416	1.5%	1,044
Shetland Islands	9,586	329	-1.46	-109	0.3%	220
South Ayrshire	42,743	1,467	-0.44	-239	1.8%	1,227
South Lanarkshire	113,287	3,887	-0.04	-374	5.1%	3,513
Stirling	35,526	1,219	-0.74	-258	1.4%	961
West Dunbartonshire	32,346	1,110	1.83	236	1.9%	1,346
West Lothian	64,389	2,209	0.09	-167	3.0%	2,043
TOTAL	2,011,471	69,022	-0.21	0	100.0%	69,022

Notes:
 - Adjusted Population (NRS MYE 2014) in days / 1,000. Adjusted for net commuters and tourists. For calculation details see Annex 1.
 - Road Density/Area Deprivation. Combined Indicator:
 Road Density: Adjusted population per Km of road length, weighted by urban road length as a proportion of total road length. Source: Annual Return to Transport Scotland 2015.
 Area Deprivation: Scottish Index of Multiple Deprivation proportion of LA data zones falling within the most deprived 20% of all Scotland data zones. Source: Scottish Government SIMD 2012
 - Secondary indicator effect calculated as follows:
 (Primary Indicator*Regression coefficient)*(Secondary Indicator-Weighted Mean Secondary Indicator)

Indicator (number)	Effect (£000s)	Indicator	Effect (£000s)	Share	GAE (£000s)
90,899	2,998	1.5%	-95	4.3%	2,903
97,707	3,223	34.2%	258	5.1%	3,481
43,588	1,438	22.5%	57	2.2%	1,495
36,406	1,201	34.0%	95	1.9%	1,296
19,127	631	3.3%	-16	0.9%	615
57,553	1,898	35.8%	163	3.0%	2,061
57,105	1,884	0.2%	-68	2.7%	1,815
45,642	1,505	7.8%	-15	2.2%	1,490
39,909	1,316	2.1%	-39	1.9%	1,277
38,723	1,277	11.0%	1	1.9%	1,278
34,444	1,136	2.3%	-33	1.6%	1,103
200,730	6,621	0.4%	-234	9.4%	6,386
10,727	354	73.1%	75	0.6%	429
59,171	1,952	4.1%	-44	2.8%	1,907
137,427	4,533	7.1%	-57	6.6%	4,476
240,704	7,939	0.1%	-289	11.2%	7,650
93,340	3,079	36.6%	272	4.9%	3,350
29,961	988	1.8%	-30	1.4%	958
32,749	1,080	7.0%	-14	1.6%	1,066
36,255	1,196	22.4%	47	1.8%	1,243
51,600	1,702	5.9%	-29	2.5%	1,673
126,824	4,183	1.7%	-130	5.9%	4,053
8,776	289	58.8%	48	0.5%	337
58,277	1,922	25.1%	94	3.0%	2,016
66,425	2,191	1.9%	-66	3.1%	2,124
43,273	1,427	32.2%	105	2.2%	1,532
9,616	317	64.9%	59	0.6%	376
43,787	1,444	10.5%	-2	2.1%	1,443
118,242	3,900	7.1%	-49	5.7%	3,851
36,572	1,206	16.1%	22	1.8%	1,228
33,837	1,116	1.2%	-36	1.6%	1,080
66,763	2,202	4.4%	-48	3.2%	2,154
2,066,160	68,149	10.8%	0	100.0%	68,149

Notes:
 - Adjusted Population (NRS MYE 2014) in days / 1,000. Adjusted for, in commuters and tourists. For calculation details see Annex 1.
 - Rural Settlement Pattern: Percentage of LA population living in settlements of less than 1,000 (Source: NRS Census day 2011 settlements). Settlements within 1km of each other are merged.
 - Secondary indicator effect calculated as follows:
 (Primary Indicator*Regression coefficient)*(Secondary Indicator-Weighted Mean Secondary Indicator)

Smoking Ban
2016-17

Primary Indicator 1	Fixed Payment	GAE	
Other GAE		GAE Total (£000s)	£2,500

ALL CLEANSING & ENVIRONMENT
2016-17

GAE	
GAE Total (£000s)	£333,306

Local Authority	Indicator (£000s)	Effect (£000s)	Effect (£000s)	Share	GAE (£000s)
Aberdeen City	2,903	41	48	3.6%	89
Aberdeenshire	3,481	49	48	3.9%	97
Angus	1,495	21	48	2.8%	69
Argyll & Bute	1,296	18	48	2.7%	66
Clackmannanshire	615	9	48	2.3%	57
Dumfries & Galloway	2,061	29	48	3.1%	77
Dundee City	1,815	25	48	2.9%	74
East Ayrshire	1,490	21	48	2.8%	69
East Dunbartonshire	1,277	18	48	2.6%	66
East Lothian	1,278	18	48	2.6%	66
East Renfrewshire	1,103	15	48	2.5%	64
Edinburgh (City of)	6,386	89	48	5.5%	138
Eilean Siar	429	6	48	2.2%	54
Falkirk	1,907	27	48	3.0%	75
Fife	4,476	63	48	4.4%	111
Glasgow City	7,650	107	48	6.2%	155
Highland	3,350	47	48	3.8%	95
Inverclyde	958	13	48	2.5%	62
Midlothian	1,066	15	48	2.5%	63
Moray	1,243	17	48	2.6%	66
North Ayrshire	1,673	23	48	2.9%	72
North Lanarkshire	4,053	57	48	4.2%	105
Orkney Islands	337	5	48	2.1%	53
Perth & Kinross	2,016	28	48	3.1%	77
Renfrewshire	2,124	30	48	3.1%	78
Scottish Borders	1,532	21	48	2.8%	70
Shetland Islands	376	5	48	2.1%	54
South Ayrshire	1,443	20	48	2.7%	68
South Lanarkshire	3,851	54	48	4.1%	102
Stirling	1,228	17	48	2.6%	65
West Dunbartonshire	1,080	15	48	2.5%	63
West Lothian	2,154	30	48	3.1%	78
TOTAL	68,149	955	1,545	100.0%	2,500

Local Authority	Share	GAE (£000s)
Aberdeen City	4.4%	14,573
Aberdeenshire	4.5%	15,055
Angus	2.0%	6,716
Argyll & Bute	1.9%	6,225
Clackmannanshire	0.9%	3,107
Dumfries & Galloway	2.8%	9,351
Dundee City	2.9%	9,670
East Ayrshire	2.2%	7,329
East Dunbartonshire	1.8%	6,027
East Lothian	1.8%	5,846
East Renfrewshire	1.6%	5,183
Edinburgh (City of)	9.8%	32,713
Eilean Siar	0.6%	2,000
Falkirk	2.8%	9,231
Fife	6.5%	21,750
Glasgow City	12.6%	41,843
Highland	4.7%	15,538
Inverclyde	1.5%	5,050
Midlothian	1.5%	4,947
Moray	1.7%	5,535
North Ayrshire	2.5%	8,405
North Lanarkshire	6.1%	20,420
Orkney Islands	0.4%	1,444
Perth & Kinross	2.7%	9,074
Renfrewshire	3.2%	10,769
Scottish Borders	2.1%	7,073
Shetland Islands	0.5%	1,627
South Ayrshire	2.1%	6,873
South Lanarkshire	5.5%	18,414
Stirling	1.7%	5,571
West Dunbartonshire	1.7%	5,676
West Lothian	3.1%	10,269
TOTAL	100.0%	333,306

Notes:
- A flat rate payment is made to each authority with the remainder of the funding being allocated based on GAE for Environmental Health

**Collection of Local Tax
2016-17**

Primary Indicator	GAE	
	Dwellings Valued for Council Tax	GAE Total (£000s)

**Land Valuation
2016-17**

Primary Indicator	GAE	
	Non-Domestic Rateable Subjects	GAE Total (£000s)

**Valuation of Council Tax
2016-17**

Primary Indicator	GAE	
	Dwellings Valued for Council Tax	GAE Total (£000s)

**Registration of Births, Deaths & Marriages
2016-17**

Primary Indicator	GAE	
	Total Population	GAE Total (£000s)

Local Authority	Indicator (number)	Share	GAE (£000s)
Aberdeen City	114,234	4.5%	1,424
Aberdeenshire	115,223	4.5%	1,437
Angus	55,619	2.2%	693
Argyll & Bute	47,712	1.9%	595
Clackmannanshire	24,114	0.9%	301
Dumfries & Galloway	74,190	2.9%	925
Dundee City	73,689	2.9%	919
East Ayrshire	57,654	2.3%	719
East Dunbartonshire	45,678	1.8%	570
East Lothian	46,332	1.8%	578
East Renfrewshire	38,061	1.5%	475
Edinburgh (City of)	241,433	9.4%	3,010
Eilean Siar	14,577	0.6%	182
Falkirk	73,290	2.9%	914
Fife	173,366	6.8%	2,162
Glasgow City	304,013	11.9%	3,791
Highland	115,541	4.5%	1,441
Inverclyde	38,787	1.5%	484
Midlothian	38,675	1.5%	482
Moray	44,096	1.7%	550
North Ayrshire	67,590	2.6%	843
North Lanarkshire	152,293	6.0%	1,899
Orkney Islands	10,924	0.4%	136
Perth & Kinross	70,828	2.8%	883
Renfrewshire	84,997	3.3%	1,060
Scottish Borders	57,628	2.3%	719
Shetland Islands	11,021	0.4%	137
South Ayrshire	54,635	2.1%	681
South Lanarkshire	147,849	5.8%	1,843
Stirling	40,646	1.6%	507
West Dunbartonshire	45,056	1.8%	562
West Lothian	77,614	3.0%	968
TOTAL	2,557,365	100.0%	31,886

Notes:
- Dwellings Valued for Council Tax: SG Statistical Support for Local Government (CTAXBASE return 2015)

Indicator (number)	Share	GAE (£000s)
8,282	3.8%	668
10,505	4.8%	847
4,561	2.1%	368
8,163	3.8%	658
1,562	0.7%	126
8,597	4.0%	693
5,477	2.5%	442
3,848	1.8%	310
2,349	1.1%	189
3,263	1.5%	263
1,736	0.8%	140
19,831	9.1%	1,599
2,416	1.1%	195
4,707	2.2%	380
12,716	5.9%	1,025
24,401	11.3%	1,968
17,388	8.0%	1,402
2,309	1.1%	186
2,785	1.3%	225
4,235	2.0%	341
4,945	2.3%	399
9,626	4.4%	776
2,098	1.0%	169
7,971	3.7%	643
6,254	2.9%	504
6,896	3.2%	556
1,977	0.9%	159
4,708	2.2%	380
9,805	4.5%	791
4,763	2.2%	384
2,828	1.3%	228
5,790	2.7%	467
216,792	100.0%	17,481

Notes:
- Non-Domestic Rateable Subjects as at 1st October 2015: Scottish Assessors Portal

Indicator (number)	Share	GAE (£000s)
114,234	4.5%	449
115,223	4.5%	453
55,619	2.2%	219
47,712	1.9%	188
24,114	0.9%	95
74,190	2.9%	292
73,689	2.9%	290
57,654	2.3%	227
45,678	1.8%	180
46,332	1.8%	182
38,061	1.5%	150
241,433	9.4%	949
14,577	0.6%	57
73,290	2.9%	288
173,366	6.8%	682
304,013	11.9%	1,196
115,541	4.5%	454
38,787	1.5%	153
38,675	1.5%	152
44,096	1.7%	173
67,590	2.6%	266
152,293	6.0%	599
10,924	0.4%	43
70,828	2.8%	279
84,997	3.3%	334
57,628	2.3%	227
11,021	0.4%	43
54,635	2.1%	215
147,849	5.8%	581
40,646	1.6%	160
45,056	1.8%	177
77,614	3.0%	305
2,557,365	100.0%	10,057

Notes:
- Dwellings Valued for Council Tax: SG Statistical Support for Local Government (CTAXBASE return 2015)

Indicator (number)	Share	GAE (£000s)
228,923	4.3%	238
260,533	4.9%	271
116,734	2.2%	121
87,650	1.6%	91
51,192	1.0%	53
149,954	2.8%	156
148,117	2.8%	154
122,138	2.3%	127
106,712	2.0%	111
102,087	1.9%	106
92,386	1.7%	96
492,604	9.2%	512
27,254	0.5%	28
157,691	2.9%	164
367,256	6.9%	382
599,646	11.2%	623
233,084	4.4%	242
79,897	1.5%	83
86,217	1.6%	90
94,769	1.8%	98
136,476	2.6%	142
338,007	6.3%	351
21,589	0.4%	22
148,923	2.8%	155
174,229	3.3%	181
114,043	2.1%	119
23,228	0.4%	24
112,535	2.1%	117
315,301	5.9%	328
91,522	1.7%	95
89,712	1.7%	93
177,191	3.3%	184
5,347,600	100.0%	5,557

Notes:
- Population Data: National Records of Scotland (NRS) Mid-Year Estimates 2014, provisionally corrected. See Data Issues (section 2.2).

**Collection of Non-Domestic Rates
2016-17**

Primary Indicator	GAE	
	Non-Domestic Rateable Subjects	GAE Total (£000s)

**Electoral Registration
2016-17**

Primary Indicator	GAE	
	Dwellings Valued for Council Tax	GAE Total (£000s)

**ALL ELECTIONS & TAXATION
2016-17**

GAE	
GAE Total (£000s)	£76,735

Local Authority	Indicator (number)	Share	GAE (£000s)
Aberdeen City	8,282	3.8%	190
Aberdeenshire	10,505	4.8%	241
Angus	4,561	2.1%	105
Argyll & Bute	8,163	3.8%	188
Clackmannanshire	1,562	0.7%	36
Dumfries & Galloway	8,597	4.0%	197
Dundee City	5,477	2.5%	126
East Ayrshire	3,848	1.8%	88
East Dunbartonshire	2,349	1.1%	54
East Lothian	3,263	1.5%	75
East Renfrewshire	1,736	0.8%	40
Edinburgh (City of)	19,831	9.1%	456
Eilean Siar	2,416	1.1%	55
Falkirk	4,707	2.2%	108
Fife	12,716	5.9%	292
Glasgow City	24,401	11.3%	561
Highland	17,388	8.0%	399
Inverclyde	2,309	1.1%	53
Midlothian	2,785	1.3%	64
Moray	4,235	2.0%	97
North Ayrshire	4,945	2.3%	114
North Lanarkshire	9,626	4.4%	221
Orkney Islands	2,098	1.0%	48
Perth & Kinross	7,971	3.7%	183
Renfrewshire	6,254	2.9%	144
Scottish Borders	6,896	3.2%	158
Shetland Islands	1,977	0.9%	45
South Ayrshire	4,708	2.2%	108
South Lanarkshire	9,805	4.5%	225
Stirling	4,763	2.2%	109
West Dunbartonshire	2,828	1.3%	65
West Lothian	5,790	2.7%	133
TOTAL	216,792	100.0%	4,980

Notes:
- Non-Domestic Rateable Subjects as at 1st October 2015: Scottish Assessors Portal

Indicator (number)	Share	GAE (£000s)
114,234	4.5%	303
115,223	4.5%	305
55,619	2.2%	147
47,712	1.9%	126
24,114	0.9%	64
74,190	2.9%	197
73,689	2.9%	195
57,654	2.3%	153
45,678	1.8%	121
46,332	1.8%	123
38,061	1.5%	101
241,433	9.4%	640
14,577	0.6%	39
73,290	2.9%	194
173,366	6.8%	459
304,013	11.9%	805
115,541	4.5%	306
38,787	1.5%	103
38,675	1.5%	102
44,096	1.7%	117
67,590	2.6%	179
152,293	6.0%	403
10,924	0.4%	29
70,828	2.8%	188
84,997	3.3%	225
57,628	2.3%	153
11,021	0.4%	29
54,635	2.1%	145
147,849	5.8%	392
40,646	1.6%	108
45,056	1.8%	119
77,614	3.0%	206
2,557,365	100.0%	6,774

Notes:
- Dwellings Valued for Council Tax: SG Statistical Support for Local Government (CTAXBASE return 2015)

Local Authority	Share	GAE (£000s)
Aberdeen City	4.3%	3,272
Aberdeenshire	4.6%	3,554
Angus	2.2%	1,653
Argyll & Bute	2.4%	1,846
Clackmannanshire	0.9%	674
Dumfries & Galloway	3.2%	2,460
Dundee City	2.8%	2,125
East Ayrshire	2.1%	1,624
East Dunbartonshire	1.6%	1,224
East Lothian	1.7%	1,327
East Renfrewshire	1.3%	1,001
Edinburgh (City of)	9.3%	7,166
Eilean Siar	0.7%	556
Falkirk	2.7%	2,048
Fife	6.5%	5,002
Glasgow City	11.7%	8,943
Highland	5.5%	4,245
Inverclyde	1.4%	1,061
Midlothian	1.5%	1,115
Moray	1.8%	1,377
North Ayrshire	2.5%	1,942
North Lanarkshire	5.5%	4,250
Orkney Islands	0.6%	448
Perth & Kinross	3.0%	2,330
Renfrewshire	3.2%	2,448
Scottish Borders	2.5%	1,931
Shetland Islands	0.6%	439
South Ayrshire	2.1%	1,645
South Lanarkshire	5.4%	4,160
Stirling	1.8%	1,363
West Dunbartonshire	1.6%	1,245
West Lothian	2.9%	2,263
TOTAL	100.0%	76,735

Planning & Economic Development
2016-17

Primary Indicator	GAE	
Average of Provisional Outturn and Budget Estimate	GAE Total (£000s)	£90,728

Building Control
2016-17

Primary Indicator	GAE	
Building Control Warrants	GAE Total (£000s)	£5,333

Miscellaneous Services
2016-17

Primary Indicator	Mainland Component	Island Component	GAE	
Total Population			GAE Total (£000s)	£49,218

Local Authority	Indicator (£000s)	Share	GAE (£000s)
Aberdeen City	7,787	2.7%	2,409
Aberdeenshire	10,112	3.4%	3,129
Angus	2,929	1.0%	906
Argyll & Bute	3,872	1.3%	1,198
Clackmannanshire	1,508	0.5%	466
Dumfries & Galloway	6,796	2.3%	2,103
Dundee City	10,287	3.5%	3,183
East Ayrshire	4,645	1.6%	1,437
East Dunbartonshire	4,170	1.4%	1,290
East Lothian	2,610	0.9%	808
East Renfrewshire	3,119	1.1%	965
Edinburgh (City of)	16,703	5.7%	5,168
Eilean Siar	2,854	1.0%	883
Falkirk	7,993	2.7%	2,473
Fife	13,999	4.8%	4,331
Glasgow City	86,288	29.4%	26,696
Highland	6,598	2.2%	2,041
Inverclyde	6,862	2.3%	2,123
Midlothian	3,052	1.0%	944
Moray	2,526	0.9%	781
North Ayrshire	11,287	3.8%	3,492
North Lanarkshire	15,388	5.2%	4,761
Orkney Islands	3,087	1.1%	955
Perth & Kinross	6,852	2.3%	2,120
Renfrewshire	9,239	3.2%	2,858
Scottish Borders	1,838	0.6%	569
Shetland Islands	4,381	1.5%	1,356
South Ayrshire	3,522	1.2%	1,090
South Lanarkshire	17,013	5.8%	5,264
Stirling	2,616	0.9%	809
West Dunbartonshire	3,897	1.3%	1,206
West Lothian	9,423	3.2%	2,915
TOTAL	293,250	100.0%	90,728

Notes:
- Expenditure on Planning. Average of Provisional Outturn 2013/14 & 2014/15 and Budget Estimates 2014/15 & 2015/16. Source: SG Statistical Support for Local Government, POBE 2014 and 2015.

Indicator (number)	Share	GAE (£000s)
2,160	4.4%	237
3,538	7.3%	388
1,065	2.2%	117
1,469	3.0%	161
366	0.8%	40
1,798	3.7%	197
943	1.9%	103
997	2.1%	109
877	1.8%	96
922	1.9%	101
1,045	2.1%	115
5,022	10.3%	551
377	0.8%	41
1,107	2.3%	121
2,985	6.1%	327
3,114	6.4%	341
3,093	6.4%	339
516	1.1%	57
683	1.4%	75
1,229	2.5%	135
1,791	3.7%	196
1,730	3.6%	190
359	0.7%	39
1,729	3.6%	190
1,379	2.8%	151
1,368	2.8%	150
252	0.5%	28
1,089	2.2%	119
2,453	5.0%	269
1,104	2.3%	121
551	1.1%	60
1,521	3.1%	167
48,632	100.0%	5,333

Notes:
- Building Control Warrants 2014/15. Source: SG GAE Returns (GAE- Building Control Services).

Indicator (number)	Effect (£000s)	Effect (£000s)	Share	GAE (£000s)
228,923	2,073		4.2%	2,073
260,533	2,359		4.8%	2,359
116,734	1,057		2.1%	1,057
87,650	794		1.6%	794
51,192	463		0.9%	463
149,954	1,358		2.8%	1,358
148,117	1,341		2.7%	1,341
122,138	1,106		2.2%	1,106
106,712	966		2.0%	966
102,087	924		1.9%	924
92,386	836		1.7%	836
492,604	4,460		9.1%	4,460
27,254		550	1.1%	550
157,691	1,428		2.9%	1,428
367,256	3,325		6.8%	3,325
599,646	5,429		11.0%	5,429
233,084	2,110		4.3%	2,110
79,897	723		1.5%	723
86,217	781		1.6%	781
94,769	858		1.7%	858
136,476	1,236		2.5%	1,236
338,007	3,060		6.2%	3,060
21,589		436	0.9%	436
148,923	1,348		2.7%	1,348
174,229	1,577		3.2%	1,577
114,043	1,033		2.1%	1,033
23,228		469	1.0%	469
112,535	1,019		2.1%	1,019
315,301	2,855		5.8%	2,855
91,522	829		1.7%	829
89,712	812		1.7%	812
177,191	1,604		3.3%	1,604
5,347,600	47,764	1,454	100.0%	49,218

Notes:
- Population Data: National Records of Scotland (NRS) Mid-Year Estimates 2014, provisionally corrected. See Data Issues (section 2.2).
- Mainland, Island Component shares are kept the same as in previous settlement years.

**Burial Grounds
2016-17**

Primary Indicator	GAE	
Area of Maintained Burial Ground	GAE Total (£000s)	£13,009

**Crematoria
2016-17**

Primary Indicator	GAE	
Cremations at Local Authority Crematoria	GAE Total (£000s)	£417

**Consumer Protection
2016-17**

Primary Indicator	Secondary Indicator	GAE	
Total Population	Rural Settlement Pattern	GAE Total (£000s)	£17,924

Coefficient	0.00005
Wt Mean	10.8%

Local Authority	Indicator (hectares)	Share	GAE (£000s)
Aberdeen City	84	3.8%	497
Aberdeenshire	119	5.4%	704
Angus	69	3.1%	408
Argyll & Bute	55	2.5%	325
Clackmannanshire	18	0.8%	106
Dumfries & Galloway	110	5.0%	650
Dundee City	80	3.6%	473
East Ayrshire	56	2.5%	331
East Dunbartonshire	31	1.4%	183
East Lothian	26	1.2%	154
East Renfrewshire	29	1.3%	171
Edinburgh (City of)	76	3.5%	450
Eilean Siar	15	0.7%	89
Falkirk	52	2.4%	307
Fife	114	5.2%	671
Glasgow City	220	10.0%	1,301
Highland	149	6.8%	881
Inverclyde	140	6.4%	828
Midlothian	20	0.9%	118
Moray	52	2.4%	307
North Ayrshire	48	2.2%	284
North Lanarkshire	101	4.6%	597
Orkney Islands	21	1.0%	124
Perth & Kinross	62	2.8%	367
Renfrewshire	76	3.5%	449
Scottish Borders	95	4.3%	562
Shetland Islands	20	0.9%	118
South Ayrshire	46	2.1%	272
South Lanarkshire	77	3.5%	453
Stirling	51	2.3%	302
West Dunbartonshire	43	2.0%	254
West Lothian	46	2.1%	272
TOTAL	2,200	100.0%	13,009

Indicator (number)	Share	GAE (£000s)
2,615	11.4%	48
0	0.0%	0
0	0.0%	0
646	2.8%	12
0	0.0%	0
0	0.0%	0
0	0.0%	0
0	0.0%	0
0	0.0%	0
2,461	10.7%	45
0	0.0%	0
2,012	8.8%	37
2,693	11.8%	49
4,833	21.1%	88
1,002	4.4%	18
1,015	4.4%	18
0	0.0%	0
0	0.0%	0
0	0.0%	0
1,218	5.3%	22
0	0.0%	0
0	0.0%	0
0	0.0%	0
1,354	5.9%	25
1,450	6.3%	26
0	0.0%	0
1,617	7.1%	29
0	0.0%	0
22,916	100.0%	417

Indicator (number)	Effect (£000s)	Indicator	Effect (£000s)	Share	GAE (£000s)
228,923	767	1.5%	-110	3.7%	657
260,533	873	34.2%	317	6.6%	1,190
116,734	391	22.5%	71	2.6%	462
87,650	294	34.0%	106	2.2%	399
51,192	172	3.3%	-20	0.8%	152
149,954	503	35.8%	195	3.9%	698
148,117	496	0.2%	-81	2.3%	415
122,138	409	7.8%	-19	2.2%	391
106,712	358	2.1%	-48	1.7%	310
102,087	342	11.0%	2	1.9%	344
92,386	310	2.3%	-41	1.5%	269
492,604	1,651	0.4%	-264	7.7%	1,387
27,254	91	73.1%	88	1.0%	180
157,691	529	4.1%	-54	2.6%	474
367,256	1,231	7.1%	-70	6.5%	1,161
599,646	2,010	0.1%	-331	9.4%	1,679
233,084	781	36.6%	312	6.1%	1,094
79,897	268	1.8%	-37	1.3%	231
86,217	289	7.0%	-17	1.5%	272
94,769	318	22.4%	57	2.1%	375
136,476	457	5.9%	-35	2.4%	423
338,007	1,133	1.7%	-159	5.4%	974
21,589	72	58.8%	54	0.7%	126
148,923	499	25.1%	110	3.4%	610
174,229	584	1.9%	-80	2.8%	504
114,043	382	32.2%	127	2.8%	509
23,228	78	64.9%	65	0.8%	143
112,535	377	10.5%	-2	2.1%	375
315,301	1,057	7.1%	-60	5.6%	997
91,522	307	16.1%	25	1.9%	332
89,712	301	1.2%	-44	1.4%	256
177,191	594	4.4%	-59	3.0%	535
5,347,600	17,924	10.8%	0	100.0%	17,924

Notes:

- Hectares of Maintained Burial Ground as at first week in May, 2015. Source: SG GAE Returns (GAE-Burial Grounds & Crematoria).

Notes:

- Cremations at Local Authority Crematoria in 2014/15. Source: SG GAE Returns (GAE-Burial Grounds & Crematoria).

Notes:

- Population Data: National Records of Scotland (NRS) Mid-Year Estimates 2014, provisionally corrected. See Data Issues (section 2.2).
 - Rural Settlement Pattern: Percentage of LA population living in settlements of less than 1,000 (Source: NRS Census day 2011 settlements). Settlements within 1km of each other are merged.
 - Secondary indicator effect calculated as follows:
 (Primary Indicator*Regression coefficient)*(Secondary Indicator-Weighted Mean Secondary Indicator)

School Crossing Patrols
2016-17

Primary Indicator	Secondary Indicator 1	GAE	
All Education Authority Pupils (excl Adults)	Urban Settlement Pattern	GAE Total (£000s)	£13,064

Coefficient	-0.0001
Wt Mean	25.6%

Non-Road lighting
2016-17

Primary Indicator	GAE	
Budget Estimate	GAE Total (£000s)	£7,461

Local Authority	Indicator (number)	Effect (£000s)	Indicator	Effect (£000s)	Share	GAE (£000s)
Aberdeen City	25,805	437	3.5%	50	3.7%	487
Aberdeenshire	39,915	676	69.5%	-155	4.0%	521
Angus	16,817	285	45.1%	-29	2.0%	256
Argyll & Bute	11,888	201	79.1%	-56	1.1%	145
Clackmannanshire	7,608	129	8.6%	11	1.1%	140
Dumfries & Galloway	21,175	359	66.7%	-77	2.2%	282
Dundee City	20,497	347	0.2%	46	3.0%	393
East Ayrshire	18,061	306	32.8%	-12	2.3%	294
East Dunbartonshire	18,206	308	5.5%	32	2.6%	341
East Lothian	15,765	267	46.3%	-29	1.8%	238
East Renfrewshire	18,337	311	2.3%	38	2.7%	348
Edinburgh (City of)	56,104	950	0.4%	125	8.2%	1,075
Eilean Siar	3,798	64	100.0%	-25	0.3%	39
Falkirk	24,269	411	6.2%	42	3.5%	453
Fife	55,594	942	28.4%	-14	7.1%	928
Glasgow City	75,873	1,285	0.1%	171	11.1%	1,456
Highland	34,890	591	69.1%	-134	3.5%	457
Inverclyde	11,131	189	13.7%	12	1.5%	200
Midlothian	13,998	237	10.3%	19	2.0%	256
Moray	13,586	230	75.2%	-59	1.3%	171
North Ayrshire	20,350	345	16.6%	16	2.8%	361
North Lanarkshire	54,958	931	3.9%	105	7.9%	1,036
Orkney Islands	3,052	52	100.0%	-20	0.2%	32
Perth & Kinross	20,237	343	63.6%	-68	2.1%	275
Renfrewshire	26,219	444	3.6%	51	3.8%	495
Scottish Borders	16,506	280	72.2%	-68	1.6%	212
Shetland Islands	3,688	62	100.0%	-24	0.3%	38
South Ayrshire	16,016	271	30.7%	-7	2.0%	264
South Lanarkshire	49,149	832	21.5%	18	6.5%	850
Stirling	13,913	236	46.7%	-26	1.6%	210
West Dunbartonshire	14,071	238	1.2%	30	2.1%	269
West Lothian	29,925	507	12.6%	34	4.1%	541
TOTAL	771,401	13,064	25.1%	0	100.0%	13,064

Indicator (£000s)	Share	GAE (£000s)
483	4.6%	345
47	0.5%	34
270	2.6%	193
0	0.0%	0
0	0.0%	0
135	1.3%	96
851	8.2%	608
108	1.0%	77
31	0.3%	22
105	1.0%	75
60	0.6%	43
2,083	19.9%	1,488
35	0.3%	25
190	1.8%	136
235	2.3%	168
957	9.2%	684
530	5.1%	379
2	0.0%	1
80	0.8%	57
0	0.0%	0
0	0.0%	0
2,181	20.9%	1,558
20	0.2%	14
99	0.9%	70
81	0.8%	58
56	0.5%	40
4	0.0%	3
40	0.4%	28
1,031	9.9%	736
82	0.8%	59
0	0.0%	0
651	6.2%	465
10,442	100.0%	7,461

Notes:

- Pupil Numbers Source: Scottish Government Pupil Census 2015 and Pre-School Education Census 2014. See Data Issues (section 2.2)
- Urban Settlement Pattern: Percentage of LA population living in settlements of less than 10,000 (Source: NRS Census day 2011 settlements). Settlements within 1km of each other are merged.
- Secondary indicator effect calculated as follows:
(Primary Indicator*Regression coefficient)*(Secondary Indicator-Weighted Mean Secondary Indicator)

Notes:

- Average of Budget Estimates, 2014/15 and 2015/16. Source: SG Statistical Support for Local Government, POBE 2014 & 2015

Supported Employment
2016-17

Primary Indicator	GAE	
Budget Estimate	GAE Total (£000s)	£8,350

Homelessness
2016-17

Primary Indicator	GAE	
Homeless or Threatened with Homelessness Applications	GAE Total (£000s)	£6,435

Administration of Housing Improvement Grants and Loans
2016-17

Primary Indicator	GAE	
Budget Estimate	GAE Total (£000s)	£4,493

Local Authority	Indicator (£000s)	Share	GAE (£000s)
Aberdeen City	294	4.0%	337
Aberdeenshire	72	1.0%	82
Angus	91	1.2%	104
Argyll & Bute	0	0.0%	0
Clackmannanshire	622	8.5%	714
Dumfries & Galloway	165	2.3%	189
Dundee City	160	2.2%	183
East Ayrshire	31	0.4%	36
East Dunbartonshire	234	3.2%	268
East Lothian	0	0.0%	0
East Renfrewshire	24	0.3%	28
Edinburgh (City of)	0	0.0%	0
Eilean Siar	0	0.0%	0
Falkirk	283	3.9%	325
Fife	1,432	19.7%	1,642
Glasgow City	1,553	21.3%	1,781
Highland	0	0.0%	0
Inverclyde	224	3.1%	256
Midlothian	0	0.0%	0
Moray	191	2.6%	219
North Ayrshire	19	0.3%	22
North Lanarkshire	1,188	16.3%	1,363
Orkney Islands	0	0.0%	0
Perth & Kinross	23	0.3%	26
Renfrewshire	0	0.0%	0
Scottish Borders	0	0.0%	0
Shetland Islands	30	0.4%	34
South Ayrshire	0	0.0%	0
South Lanarkshire	362	5.0%	415
Stirling	9	0.1%	10
West Dunbartonshire	0	0.0%	0
West Lothian	276	3.8%	316
TOTAL	7,278	100.0%	8,350

Notes:
- Average of Budget Estimates, 2014/15 and 2015/16. Source: SG Statistical Support for Local Government, POBE 2014 & 2015

Indicator (number)	Share	GAE (£000s)
1,088	3.6%	229
1,033	3.4%	218
639	2.1%	135
350	1.1%	74
364	1.2%	77
638	2.1%	134
1,128	3.7%	237
357	1.2%	75
455	1.5%	96
602	2.0%	127
279	0.9%	59
4,028	13.2%	848
122	0.4%	26
856	2.8%	180
2,059	6.7%	434
5,314	17.4%	1,119
940	3.1%	198
239	0.8%	50
559	1.8%	118
380	1.2%	80
630	2.1%	133
1,541	5.0%	324
78	0.3%	16
716	2.3%	151
753	2.5%	159
528	1.7%	111
119	0.4%	25
609	2.0%	128
1,736	5.7%	365
331	1.1%	70
1,019	3.3%	215
1,076	3.5%	227
30,567	100.0%	6,435

Notes:
- Number of applications to local authorities under the homeless persons legislation that were assessed as homeless or threatened with homelessness, 2012/13, 2013/14 and 2014/15 average. Source: Scottish Government Housing Statistics Branch (HL1 return)

Indicator (£000s)	Share	GAE (£000s)
126	2.0%	92
300	4.9%	218
72	1.2%	52
217	3.5%	158
92	1.5%	67
37	0.6%	27
187	3.0%	136
104	1.7%	76
61	1.0%	44
0	0.0%	0
161	2.6%	117
33	0.5%	24
575	9.3%	417
601	9.7%	436
452	7.3%	328
-724	-11.7%	-526
1,185	19.2%	861
215	3.5%	156
269	4.3%	195
148	2.4%	108
223	3.6%	162
369	6.0%	268
64	1.0%	46
155	2.5%	113
156	2.5%	113
394	6.4%	286
128	2.1%	93
0	0.0%	0
375	6.1%	272
173	2.8%	125
0	0.0%	0
41	0.7%	30
6,184	100.0%	4,493

Notes:
- Average of Budget Estimates, 2014/15 and 2015/16. Source: SG Statistical Support for Local Government, POBE 2014 & 2015

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**Civil Protection
2016-17**

Share as previous Settlement	GAE	
	GAE Total (£000s)	£4,107

**New Towns Transfer
2016-17**

Share as previous Settlement	GAE	
	GAE Total (£000s)	£4,686

**Trading Services
2016-17**

Primary Indicator Budget Estimate	GAE	
	GAE Total (£000s)	£1,384

**Coast Protection
2016-17**

Primary Indicator Budget Estimate	GAE	
	GAE Total (£000s)	£758

Local Authority	Share	GAE (£000s)
Aberdeen City	4.7%	193
Aberdeenshire	4.4%	180
Angus	2.8%	116
Argyll & Bute	2.5%	103
Clackmannanshire	2.0%	80
Dumfries & Galloway	2.8%	115
Dundee City	4.1%	168
East Ayrshire	3.0%	125
East Dunbartonshire	2.4%	98
East Lothian	2.2%	91
East Renfrewshire	2.2%	91
Edinburgh (City of)	4.8%	195
Eilean Siar	2.6%	107
Falkirk	3.3%	137
Fife	5.5%	228
Glasgow City	7.3%	298
Highland	4.2%	172
Inverclyde	2.2%	91
Midlothian	2.2%	89
Moray	2.2%	92
North Ayrshire	2.9%	119
North Lanarkshire	3.9%	159
Orkney Islands	2.1%	85
Perth & Kinross	2.7%	109
Renfrewshire	2.9%	119
Scottish Borders	2.3%	96
Shetland Islands	1.8%	73
South Ayrshire	2.6%	108
South Lanarkshire	4.2%	171
Stirling	2.2%	92
West Dunbartonshire	2.3%	93
West Lothian	2.8%	115
TOTAL	100.0%	4,107

Notes:
- Figures rolled forward from 2008-11 GAE Settlement.

Share	GAE (£000s)
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
50.6%	2,373
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
6.4%	298
10.4%	487
0.0%	0
0.0%	0
0.0%	0
0.0%	0
0.0%	0
32.6%	1,528
0.0%	0
0.0%	0
0.0%	0
0.0%	0
100.0%	4,686

Notes:
- Figures rolled forward from 2003-06 GAE Settlement.

Indicator (£000s)	Share	GAE (£000s)
0	0.0%	0
491	12.8%	177
117	3.0%	42
935	24.4%	337
0	0.0%	0
0	0.0%	0
500	13.0%	180
0	0.0%	0
0	0.0%	0
0	0.0%	0
0	0.0%	0
481	12.5%	173
0	0.0%	0
447	11.7%	161
0	0.0%	0
641	16.7%	231
-24	-0.6%	-9
0	0.0%	0
226	5.9%	81
0	0.0%	0
0	0.0%	0
0	0.0%	0
0	0.0%	0
22	0.6%	8
0	0.0%	0
0	0.0%	0
0	0.0%	0
0	0.0%	0
3,833	100.0%	1,384

Notes:
- Average of Budget Estimates, 2014/15 and 2015/16. Source: SG Statistical Support for Local Government, POBE 2014 & 2015

Indicator (£000s)	Share	GAE (£000s)
109	10.2%	78
94	8.8%	66
60	5.6%	42
186	17.4%	132
0	0.0%	0
0	0.0%	0
5	0.5%	4
0	0.0%	0
0	0.0%	0
0	0.0%	0
-231	-21.6%	-164
71	6.7%	50
0	0.0%	0
255	23.9%	181
0	0.0%	0
63	5.9%	45
0	0.0%	0
0	0.0%	0
75	7.0%	53
34	3.2%	24
0	0.0%	0
80	7.5%	57
0	0.0%	0
0	0.0%	0
68	6.4%	48
35	3.2%	25
164	15.3%	116
0	0.0%	0
0	0.0%	0
0	0.0%	0
1,066	100.0%	758

Notes:
- Average of Budget Estimates, 2014/15 and 2015/16. Source: SG Statistical Support for Local Government, POBE 2014 & 2015

Flood Prevention
2016-17

Primary Indicator	GAE	
Budget Estimate	GAE Total (£000s)	£4,891

Supporting People
2016-17

Primary Indicator	GAE	
Other GAE	GAE Total (£000s)	£12,429

Tackling and Preventing Homelessness
2016-17

Primary Indicator	GAE	
Other GAE	GAE Total (£000s)	£10,144

Local Authority	Indicator (£000s)	Share	GAE (£000s)
Aberdeen City	377	3.3%	162
Aberdeenshire	719	6.3%	310
Angus	305	2.7%	131
Argyll & Bute	353	3.1%	152
Clackmannanshire	45	0.4%	19
Dumfries & Galloway	312	2.7%	134
Dundee City	228	2.0%	98
East Ayrshire	182	1.6%	78
East Dunbartonshire	532	4.7%	229
East Lothian	273	2.4%	118
East Renfrewshire	83	0.7%	36
Edinburgh (City of)	548	4.8%	236
Eilean Siar	0	0.0%	0
Falkirk	650	5.7%	280
Fife	715	6.3%	308
Glasgow City	776	6.8%	334
Highland	461	4.1%	198
Inverclyde	0	0.0%	0
Midlothian	143	1.3%	62
Moray	729	6.4%	314
North Ayrshire	498	4.4%	214
North Lanarkshire	459	4.0%	198
Orkney Islands	40	0.4%	17
Perth & Kinross	673	5.9%	290
Renfrewshire	490	4.3%	211
Scottish Borders	313	2.8%	135
Shetland Islands	0	0.0%	0
South Ayrshire	7	0.1%	3
South Lanarkshire	206	1.8%	89
Stirling	547	4.8%	235
West Dunbartonshire	3	0.0%	1
West Lothian	699	6.1%	301
TOTAL	11,358	100.0%	4,891

Notes:
- Average of Budget Estimates, 2014/15 and 2015/16. Source: SG Statistical Support for Local Government, POBE 2014 & 2015

Indicator (£000s)	Share	GAE (£000s)
2,073	4.2%	523
2,359	4.8%	596
1,057	2.1%	267
794	1.6%	200
463	0.9%	117
1,358	2.8%	343
1,341	2.7%	339
1,106	2.2%	279
966	2.0%	244
924	1.9%	233
836	1.7%	211
4,460	9.1%	1,126
550	1.1%	139
1,428	2.9%	361
3,325	6.8%	840
5,429	11.0%	1,371
2,110	4.3%	533
723	1.5%	183
781	1.6%	197
858	1.7%	217
1,236	2.5%	312
3,060	6.2%	773
436	0.9%	110
1,348	2.7%	340
1,577	3.2%	398
1,033	2.1%	261
469	1.0%	118
1,019	2.1%	257
2,855	5.8%	721
829	1.7%	209
812	1.7%	205
1,604	3.3%	405
49,218	100.0%	12,429

Notes:
- Based on the GAE allocation for Miscellaneous Services.

Share	GAE (£000s)
3.6%	361
3.4%	343
2.1%	212
1.1%	116
1.2%	121
2.1%	212
3.7%	374
1.2%	118
1.5%	151
2.0%	200
0.9%	92
13.2%	1,337
0.4%	41
2.8%	284
6.7%	683
17.4%	1,763
3.1%	312
0.8%	79
1.8%	186
1.2%	126
2.1%	209
5.0%	511
0.3%	26
2.3%	237
2.5%	250
1.7%	175
0.4%	39
2.0%	202
5.7%	576
1.1%	110
3.3%	338
3.5%	357
100.0%	10,144

Notes:
- Previously known as Rough Sleepers Initiative
- Based on the GAE allocation for Homelessness.

**Enhanced Debt Advice Services
2016-17**

Primary Indicator	Minimum Payment	GAE	
Number of Current Income Deprived		GAE Total (£000s)	£5,298

**ALL OTHER SERVICES
2016-17**

GAE	
GAE Total (£000s)	£260,129

Local Authority	Indicator (number)	Effect (£000s)	Effect (£000s)	Share	GAE (£000s)
Aberdeen City	19,605	137	0	2.6%	137
Aberdeenshire	16,645	116	0	2.2%	116
Angus	12,290	86	0	1.6%	86
Argyll & Bute	9,570	0	85	1.6%	85
Clackmannanshire	7,915	0	85	1.6%	85
Dumfries & Galloway	18,515	130	0	2.4%	129
Dundee City	25,690	180	0	3.4%	180
East Ayrshire	20,060	140	0	2.6%	140
East Dunbartonshire	8,265	0	85	1.6%	85
East Lothian	10,375	0	85	1.6%	85
East Renfrewshire	7,010	0	85	1.6%	85
Edinburgh (City of)	50,700	355	0	6.7%	354
Eilean Siar	3,305	0	85	1.6%	85
Falkirk	20,015	140	0	2.6%	140
Fife	48,560	340	0	6.4%	339
Glasgow City	127,170	890	0	16.8%	889
Highland	23,495	164	0	3.1%	164
Inverclyde	14,335	100	0	1.9%	100
Midlothian	9,910	0	85	1.6%	85
Moray	8,445	0	85	1.6%	85
North Ayrshire	24,210	169	0	3.2%	169
North Lanarkshire	54,875	384	0	7.2%	384
Orkney Islands	1,555	0	85	1.6%	85
Perth & Kinross	12,795	90	0	1.7%	89
Renfrewshire	25,055	175	0	3.3%	175
Scottish Borders	11,465	0	85	1.6%	85
Shetland Islands	1,475	0	85	1.6%	85
South Ayrshire	14,765	103	0	1.9%	103
South Lanarkshire	43,730	306	0	5.8%	306
Stirling	9,075	0	85	1.6%	85
West Dunbartonshire	17,310	121	0	2.3%	121
West Lothian	22,290	156	0	2.9%	156
TOTAL	700,475	4,278	1,020	100.0%	5,298

Local Authority	Share	GAE (£000s)
Aberdeen City	3.4%	8,865
Aberdeenshire	4.1%	10,629
Angus	1.8%	4,586
Argyll & Bute	1.7%	4,391
Clackmannanshire	1.0%	2,648
Dumfries & Galloway	2.6%	6,667
Dundee City	3.2%	8,414
East Ayrshire	1.8%	4,672
East Dunbartonshire	1.7%	4,424
East Lothian	1.3%	3,497
East Renfrewshire	1.3%	3,466
Edinburgh (City of)	7.1%	18,580
Eilean Siar	1.1%	2,845
Falkirk	2.9%	7,571
Fife	7.1%	18,478
Glasgow City	17.2%	44,704
Highland	3.9%	10,034
Inverclyde	2.0%	5,089
Midlothian	1.3%	3,434
Moray	1.5%	4,002
North Ayrshire	2.9%	7,653
North Lanarkshire	6.4%	16,644
Orkney Islands	0.8%	2,169
Perth & Kinross	2.4%	6,357
Renfrewshire	2.9%	7,518
Scottish Borders	1.6%	4,271
Shetland Islands	1.0%	2,646
South Ayrshire	1.6%	4,118
South Lanarkshire	6.1%	15,892
Stirling	1.4%	3,598
West Dunbartonshire	1.5%	3,861
West Lothian	3.2%	8,407
TOTAL	100.0%	260,129

Notes:
- Number of Current Income Deprived: the count of adults and their dependants in receipt of Income Support, Employment and Support Allowance, Job Seekers Allowance, Guaranteed Pension Credits, and Child and Working Tax Credits. SIMD 2012 Income Domain.
- A minimum allocation for each authority of £85,000 is required.

Annex 1: Population Adjustments

Base Year (2016/17)

RAW DATA - NRS 2014 Mid Year Estimates and All Adjustments

Local Authority	All Adjustments							
	Population	Sports Weighted Population	IN Commuters (WORKERS)	NET Commuters (WORKERS)	IN Commuters (STUDENTS)	NET Commuters (STUDENTS)	IPS Tourists	GBTS Tourists
Aberdeen City	228,923	227,604	48,932	36,424	6,941	6,194	1,349,847	1,779,333
Aberdeenshire	260,533	246,816	12,884	-34,322	720	-5,688	93,957	1,465,000
Angus	116,734	107,272	6,094	-11,633	758	-1,895	9,317	451,333
Argyll & Bute	87,650	79,096	7,092	1,751	313	-916	521,018	3,316,667
Clackmannanshire	51,192	48,474	3,681	-6,831	1,097	-231	0	96,000
Dumfries & Galloway	149,954	135,606	2,857	-1,727	206	-623	267,605	2,316,000
Dundee City	148,117	144,092	20,803	12,429	5,066	3,837	450,014	696,000
East Ayrshire	122,138	115,202	10,869	-8,533	988	-2,149	0	154,000
East Dunbartonshire	106,712	97,998	10,091	-18,783	2,537	-2,909	0	35,333
East Lothian	102,087	95,604	6,330	-14,429	2,593	5	130,939	701,000
East Renfrewshire	92,386	86,015	7,521	-18,912	2,573	-2,163	0	0
Edinburgh (City of)	492,604	489,544	91,104	65,772	10,653	6,298	7,471,936	5,727,333
Eilean Siar	27,254	24,502	248	-576	40	-50	76,844	681,000
Falkirk	157,691	150,122	13,828	-11,690	1,092	-1,965	173,078	293,333
Fife	367,256	346,290	13,171	-19,217	1,029	-2,831	820,696	1,466,333
Glasgow City	599,646	599,853	152,906	104,603	31,451	21,228	3,780,860	4,400,667
Highland	233,084	215,881	3,369	-2,050	301	-428	1,656,169	6,326,667
Inverclyde	79,897	74,659	6,046	-3,291	1,664	-107	0	238,000
Midlothian	86,217	81,944	10,858	-9,206	1,319	-1,134	22,080	334,000
Moray	94,769	88,544	2,616	-3,922	394	-262	198,096	1,240,333
North Ayrshire	136,476	126,974	9,614	-10,620	770	-2,386	58,932	929,333
North Lanarkshire	338,007	326,629	36,189	-20,383	3,579	-5,445	0	414,000
Orkney Islands	21,589	19,842	192	-170	35	-32	344,367	535,000
Perth & Kinross	148,923	136,839	9,632	-2,940	1,028	-1,187	680,372	2,427,000
Renfrewshire	174,229	165,278	30,121	-773	5,024	479	0	200,333
Scottish Borders	114,043	103,214	2,766	-5,728	316	-932	177,006	1,236,000
Shetland Islands	23,228	21,942	492	185	51	-58	312,345	783,667
South Ayrshire	112,535	102,355	12,912	787	2,639	935	308,569	1,250,667
South Lanarkshire	315,301	297,991	33,684	-23,240	3,994	-5,155	0	296,333
Stirling	91,522	87,119	18,026	5,953	3,444	1,605	456,256	1,113,667
West Dunbartonshire	89,712	85,435	10,381	-6,783	1,503	-1,207	5,238	192,000
West Lothian	177,191	172,037	21,486	-6,306	738	-2,839	24,809	329,667
TOTAL	5,347,600	5,100,776	28,947	-14,161	0	-2,011	19,390,351	41,426,000

Notes:

- National Records of Scotland (NRS) Mid-Year Estimates (MYE) 2014, provisionally corrected. See Data Issues (section 2.2).
- Sports Weighted Population is NRS MYE weighted for sports hall and pool use, based on age banded population participating and visit frequency. (Source: SportScotland)
- Commuters: NRS Census 2011.
- IPS Tourists: Tourist nights taken from International Passenger Survey (average of 2012, 2013 and 2014 surveys). Source: Visit Britain
- GBTS Tourists: Average tourist nights taken from Great Britain Tourism Survey (average of 2012, 2013 and 2014 surveys). Source: Visit Scotland
- The total Scotland figures for IN and NET commuters represent Scotland as a whole rather than the sum of individual authorities - except for IN students where figures are not available due to differences in the England and Wales census. This exception will overstate the negative NET students for Scotland as a whole.

Annex 1: Population Adjustments

Base Year (2016/17)

Adjustments for ENVIRONMENTAL HEALTH & WASTE DISPOSAL GAEs

Weights

365 79 50 1 1

Local Authority	Population	IN Commuters (WORKERS)	IN Commuters (STUDENTS)	IPS Tourist Nights	GBTS Tourist Nights	Adjusted Population	
						Days / 365	Days / 1,000
Aberdeen City	83,556,895	3,865,628	347,050	1,349,847	1,779,333	249,038	90,899
Aberdeenshire	95,094,545	1,017,836	36,000	93,957	1,465,000	267,691	97,707
Angus	42,607,910	481,426	37,900	9,317	451,333	119,419	43,588
Argyll & Bute	31,992,250	560,268	15,650	521,018	3,316,667	99,742	36,406
Clackmannanshire	18,685,080	290,799	54,850	0	96,000	52,402	19,127
Dumfries & Galloway	54,733,210	225,703	10,300	267,605	2,316,000	157,679	57,553
Dundee City	54,062,705	1,643,437	253,300	450,014	696,000	156,453	57,105
East Ayrshire	44,580,370	858,651	49,400	0	154,000	125,048	45,642
East Dunbartonshire	38,949,880	797,189	126,850	0	35,333	109,340	39,909
East Lothian	37,261,755	500,070	129,650	130,939	701,000	106,092	38,723
East Renfrewshire	33,720,890	594,159	128,650	0	0	94,366	34,444
Edinburgh (City of)	179,800,460	7,197,216	532,650	7,471,936	5,727,333	549,944	200,730
Eilean Siar	9,947,710	19,592	2,000	76,844	681,000	29,389	10,727
Falkirk	57,557,215	1,092,412	54,600	173,078	293,333	162,111	59,171
Fife	134,048,440	1,040,509	51,450	820,696	1,466,333	376,514	137,427
Glasgow City	218,870,790	12,079,574	1,572,550	3,780,860	4,400,667	659,464	240,704
Highland	85,075,660	266,151	15,050	1,656,169	6,326,667	255,725	93,340
Inverclyde	29,162,405	477,634	83,200	0	238,000	82,086	29,961
Midlothian	31,469,205	857,782	65,950	22,080	334,000	89,723	32,749
Moray	34,590,685	206,664	19,700	198,096	1,240,333	99,330	36,255
North Ayrshire	49,813,740	759,506	38,500	58,932	929,333	141,370	51,600
North Lanarkshire	123,372,555	2,858,931	178,950	0	414,000	347,464	126,824
Orkney Islands	7,879,985	15,168	1,750	344,367	535,000	24,045	8,776
Perth & Kinross	54,356,895	760,928	51,400	680,372	2,427,000	159,662	58,277
Renfrewshire	63,593,585	2,379,559	251,200	0	200,333	181,985	66,425
Scottish Borders	41,625,695	218,514	15,800	177,006	1,236,000	118,556	43,273
Shetland Islands	8,478,220	38,868	2,550	312,345	783,667	26,344	9,616
South Ayrshire	41,075,275	1,020,048	131,950	308,569	1,250,667	119,963	43,787
South Lanarkshire	115,084,865	2,661,036	199,700	0	296,333	323,951	118,242
Stirling	33,405,530	1,424,054	172,200	456,256	1,113,667	100,196	36,572
West Dunbartonshire	32,744,880	820,099	75,150	5,238	192,000	92,705	33,837
West Lothian	64,674,715	1,697,394	36,900	24,809	329,667	182,914	66,763
TOTAL	1,951,874,000	48,726,805	4,742,800	19,390,351	41,426,000	5,660,712	2,066,160

Notes:

- Environment Health and Waste Disposal GAEs use NRS 2014 mid year population estimates adjusted for in commuters and tourists
- the weight for worker commuters is calculated as 237 working days a year and 8 hours a day at work (i.e. (237/24)*8)=79)
- the weight for students is calculated as 30 weeks college term time a year and 8 hours a day at college (i.e. ((30*5)/24)*8)=50)
- Total Commuters is NOT commuters to Scotland as a whole but the SUM of commuters to individual authorities.

Annex 1: Population Adjustments

Base Year (2016/17)

Adjustments for STREET CLEANING GAE

Weights

365 79 50 1 1

Local Authority	Population	NET Commuters (WORKERS)	NET Commuters (STUDENTS)	IPS Tourist Nights	GBTS Tourist Nights	Adjusted Population	
						Days / 365	Days / 1,000
Aberdeen City	83,556,895	2,877,496	309,700	1,349,847	1,779,333	246,228	89,873
Aberdeenshire	95,094,545	-2,711,438	-284,400	93,957	1,465,000	256,596	93,658
Angus	42,607,910	-919,007	-94,750	9,317	451,333	115,219	42,055
Argyll & Bute	31,992,250	138,329	-45,800	521,018	3,316,667	98,418	35,922
Clackmannanshire	18,685,080	-539,649	-11,550	0	96,000	49,945	18,230
Dumfries & Galloway	54,733,210	-136,433	-31,150	267,605	2,316,000	156,573	57,149
Dundee City	54,062,705	981,891	191,850	450,014	696,000	154,472	56,382
East Ayrshire	44,580,370	-674,107	-107,450	0	154,000	120,419	43,953
East Dunbartonshire	38,949,880	-1,483,857	-145,450	0	35,333	102,345	37,356
East Lothian	37,261,755	-1,139,891	250	130,939	701,000	101,244	36,954
East Renfrewshire	33,720,890	-1,494,048	-108,150	0	0	87,996	32,119
Edinburgh (City of)	179,800,460	5,195,988	314,900	7,471,936	5,727,333	543,865	198,511
Eilean Siar	9,947,710	-45,504	-2,500	76,844	681,000	29,199	10,658
Falkirk	57,557,215	-923,510	-98,250	173,078	293,333	156,169	57,002
Fife	134,048,440	-1,518,143	-141,550	820,696	1,466,333	368,975	134,676
Glasgow City	218,870,790	8,263,637	1,061,400	3,780,860	4,400,667	647,609	236,377
Highland	85,075,660	-161,950	-21,400	1,656,169	6,326,667	254,452	92,875
Inverclyde	29,162,405	-259,989	-5,350	0	238,000	79,822	29,135
Midlothian	31,469,205	-727,274	-56,700	22,080	334,000	85,045	31,041
Moray	34,590,685	-309,838	-13,100	198,096	1,240,333	97,825	35,706
North Ayrshire	49,813,740	-838,980	-119,300	58,932	929,333	136,558	49,844
North Lanarkshire	123,372,555	-1,610,257	-272,250	0	414,000	333,984	121,904
Orkney Islands	7,879,985	-13,430	-1,600	344,367	535,000	23,957	8,744
Perth & Kinross	54,356,895	-232,260	-59,350	680,372	2,427,000	156,637	57,173
Renfrewshire	63,593,585	-61,067	23,950	0	200,333	174,676	63,757
Scottish Borders	41,625,695	-452,512	-46,600	177,006	1,236,000	116,547	42,540
Shetland Islands	8,478,220	14,615	-2,900	312,345	783,667	26,263	9,586
South Ayrshire	41,075,275	62,173	46,750	308,569	1,250,667	117,105	42,743
South Lanarkshire	115,084,865	-1,835,960	-257,750	0	296,333	310,377	113,287
Stirling	33,405,530	470,287	80,250	456,256	1,113,667	97,331	35,526
West Dunbartonshire	32,744,880	-535,857	-60,350	5,238	192,000	88,619	32,346
West Lothian	64,674,715	-498,174	-141,950	24,809	329,667	176,408	64,389
TOTAL	1,951,874,000	-1,118,719	-100,550	19,390,351	41,426,000	5,510,880	2,011,471

Notes:

- Street Cleaning GAE uses NRS 2014 mid year population estimates adjusted for net commuters and tourists
- the weight for worker commuters is calculated as 237 working days a year and 8 hours a day at work (i.e. (237/24)*8)=79)
- the weight for students is calculated as 30 weeks college term time a year and 8 hours a day at college (i.e. ((30*5)/24)*8)=50)

Annex 1: Population Adjustments

Base Year (2016/17)					
Adjustments for LIBRARIES GAE					
Local Authority	Weights			Adjusted Population	
	Population	NET Commuters (WORKERS)	NET Commuters (STUDENTS)	Days / 365	Days / 1,000
	365	79	50		
Aberdeen City	83,556,895	2,877,496	309,700	237,655	86,744
Aberdeenshire	95,094,545	-2,711,438	-284,400	252,325	92,099
Angus	42,607,910	-919,007	-94,750	113,957	41,594
Argyll & Bute	31,992,250	138,329	-45,800	87,904	32,085
Clackmannanshire	18,685,080	-539,649	-11,550	49,682	18,134
Dumfries & Galloway	54,733,210	-136,433	-31,150	149,495	54,566
Dundee City	54,062,705	981,891	191,850	151,333	55,236
East Ayrshire	44,580,370	-674,107	-107,450	119,997	43,799
East Dunbartonshire	38,949,880	-1,483,857	-145,450	102,248	37,321
East Lothian	37,261,755	-1,139,891	250	98,965	36,122
East Renfrewshire	33,720,890	-1,494,048	-108,150	87,996	32,119
Edinburgh (City of)	179,800,460	5,195,988	314,900	507,702	185,311
Eilean Siar	9,947,710	-45,504	-2,500	27,122	9,900
Falkirk	57,557,215	-923,510	-98,250	154,892	56,535
Fife	134,048,440	-1,518,143	-141,550	362,709	132,389
Glasgow City	218,870,790	8,263,637	1,061,400	625,194	228,196
Highland	85,075,660	-161,950	-21,400	232,582	84,892
Inverclyde	29,162,405	-259,989	-5,350	79,170	28,897
Midlothian	31,469,205	-727,274	-56,700	84,069	30,685
Moray	34,590,685	-309,838	-13,100	93,884	34,268
North Ayrshire	49,813,740	-838,980	-119,300	133,851	48,855
North Lanarkshire	123,372,555	-1,610,257	-272,250	332,849	121,490
Orkney Islands	7,879,985	-13,430	-1,600	21,548	7,865
Perth & Kinross	54,356,895	-232,260	-59,350	148,124	54,065
Renfrewshire	63,593,585	-61,067	23,950	174,127	63,556
Scottish Borders	41,625,695	-452,512	-46,600	112,676	41,127
Shetland Islands	8,478,220	14,615	-2,900	23,260	8,490
South Ayrshire	41,075,275	62,173	46,750	112,833	41,184
South Lanarkshire	115,084,865	-1,835,960	-257,750	309,565	112,991
Stirling	33,405,530	470,287	80,250	93,030	33,956
West Dunbartonshire	32,744,880	-535,857	-60,350	88,079	32,149
West Lothian	64,674,715	-498,174	-141,950	175,437	64,035
TOTAL	1,951,874,000	-1,118,719	-100,550	5,344,260	1,950,655

Notes:
 - Libraries GAE uses NRS 2014 mid year population estimates adjusted for net commuters only
 - the weight for worker commuters is calculated as 237 working days a year and 8 hours a day at work (i.e. (237/24)*8)=79)
 - the weight for students is calculated as 30 weeks college term time a year and 8 hours a day at college (i.e. ((30*5)/24)*8)=50)

Annex 1: Population Adjustments

Base Year (2016/17)

Adjustments for LEISURE & RECREATION: PARKS AND OPEN SPACES GAE and
LEISURE & RECREATION: REMAINDER GAE

Weights

365 48 30 1 1

Local Authority	Population	IN Commuters (WORKERS)	IN Commuters (STUDENTS)	IPS Tourist Nights	GBTS Tourist Nights	Adjusted Population	
						Days / 365	Days / 1,000
Aberdeen City	83,556,895	2,348,736	208,230	1,349,847	1,779,333	244,501	89,243
Aberdeenshire	95,094,545	618,432	21,600	93,957	1,465,000	266,558	97,294
Angus	42,607,910	292,512	22,740	9,317	451,333	118,860	43,384
Argyll & Bute	31,992,250	340,416	9,390	521,018	3,316,667	99,123	36,180
Clackmannanshire	18,685,080	176,688	32,910	0	96,000	52,029	18,991
Dumfries & Galloway	54,733,210	137,136	6,180	267,605	2,316,000	157,425	57,460
Dundee City	54,062,705	998,544	151,980	450,014	696,000	154,409	56,359
East Ayrshire	44,580,370	521,712	29,640	0	154,000	124,070	45,286
East Dunbartonshire	38,949,880	484,368	76,110	0	35,333	108,344	39,546
East Lothian	37,261,755	303,840	77,790	130,939	701,000	105,412	38,475
East Renfrewshire	33,720,890	361,008	77,190	0	0	93,587	34,159
Edinburgh (City of)	179,800,460	4,372,992	319,590	7,471,936	5,727,333	541,623	197,692
Eilean Siar	9,947,710	11,904	1,200	76,844	681,000	29,366	10,719
Falkirk	57,557,215	663,744	32,760	173,078	293,333	160,877	58,720
Fife	134,048,440	632,208	30,870	820,696	1,466,333	375,338	136,999
Glasgow City	218,870,790	7,339,488	943,530	3,780,860	4,400,667	644,754	235,335
Highland	85,075,660	161,712	9,030	1,656,169	6,326,667	255,423	93,229
Inverclyde	29,162,405	290,208	49,920	0	238,000	81,481	29,741
Midlothian	31,469,205	521,184	39,570	22,080	334,000	88,729	32,386
Moray	34,590,685	125,568	11,820	198,096	1,240,333	99,086	36,167
North Ayrshire	49,813,740	461,472	23,100	58,932	929,333	140,511	51,287
North Lanarkshire	123,372,555	1,737,072	107,370	0	414,000	344,195	125,631
Orkney Islands	7,879,985	9,216	1,050	344,367	535,000	24,026	8,770
Perth & Kinross	54,356,895	462,336	30,840	680,372	2,427,000	158,788	57,957
Renfrewshire	63,593,585	1,445,808	150,720	0	200,333	179,152	65,390
Scottish Borders	41,625,695	132,768	9,480	177,006	1,236,000	118,304	43,181
Shetland Islands	8,478,220	23,616	1,530	312,345	783,667	26,300	9,599
South Ayrshire	41,075,275	619,776	79,170	308,569	1,250,667	118,722	43,333
South Lanarkshire	115,084,865	1,616,832	119,820	0	296,333	320,871	117,118
Stirling	33,405,530	865,248	103,320	456,256	1,113,667	98,477	35,944
West Dunbartonshire	32,744,880	498,288	45,090	5,238	192,000	91,741	33,485
West Lothian	64,674,715	1,031,328	22,140	24,809	329,667	181,048	66,083
TOTAL	1,951,874,000	29,606,160	2,845,680	19,390,351	41,426,000	5,603,129	2,045,142

Notes

- Parks & Open Spaces and Leisure & Recreation: remainder GAEs use NRS 2014 mid year population estimates adjusted for in commuters and tourists
- the weight of 48 for worker commuters is rolled forward from previous settlement calculations
- the weight of 30 for student commuters is rolled forward from previous settlement calculations
- Total Commuters is NOT commuters to Scotland as a whole but the SUM of commuters to individual authorities.

Annex 1: Population Adjustments

Base Year (2016/17)

Adjustments for LEISURE & RECREATION: SPORT FACILITIES & SWIMMING POOLS GAE

Weights

365	48	30	1	1
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Adjusted Population

Local Authority	Sports Weighted Base Population	IN Commuters (WORKERS)	IN Commuters (STUDENTS)	IPS Tourist Nights	GBTS Tourist Nights	Adjusted Population	
						Days / 365	Days / 1,000
Aberdeen City	83,075,626	2,348,736	208,230	1,349,847	1,779,333	243,183	88,762
Aberdeenshire	90,087,865	618,432	21,600	93,957	1,465,000	252,841	92,287
Angus	39,154,260	292,512	22,740	9,317	451,333	109,398	39,930
Argyll & Bute	28,870,132	340,416	9,390	521,018	3,316,667	90,569	33,058
Clackmannanshire	17,693,083	176,688	32,910	0	96,000	49,311	17,999
Dumfries & Galloway	49,496,367	137,136	6,180	267,605	2,316,000	143,078	52,223
Dundee City	52,593,706	998,544	151,980	450,014	696,000	150,384	54,890
East Ayrshire	42,048,752	521,712	29,640	0	154,000	117,135	42,754
East Dunbartonshire	35,769,435	484,368	76,110	0	35,333	99,631	36,365
East Lothian	34,895,539	303,840	77,790	130,939	701,000	98,929	36,109
East Renfrewshire	31,395,533	361,008	77,190	0	0	87,216	31,834
Edinburgh (City of)	178,683,735	4,372,992	319,590	7,471,936	5,727,333	538,563	196,576
Eilean Siar	8,943,389	11,904	1,200	76,844	681,000	26,615	9,714
Falkirk	54,794,360	663,744	32,760	173,078	293,333	153,308	55,957
Fife	126,395,746	632,208	30,870	820,696	1,466,333	354,372	129,346
Glasgow City	218,946,329	7,339,488	943,530	3,780,860	4,400,667	644,961	235,411
Highland	78,796,687	161,712	9,030	1,656,169	6,326,667	238,220	86,950
Inverclyde	27,250,562	290,208	49,920	0	238,000	76,243	27,829
Midlothian	29,909,654	521,184	39,570	22,080	334,000	84,456	30,826
Moray	32,318,485	125,568	11,820	198,096	1,240,333	92,861	33,894
North Ayrshire	46,345,640	461,472	23,100	58,932	929,333	131,010	47,818
North Lanarkshire	119,219,656	1,737,072	107,370	0	414,000	332,817	121,478
Orkney Islands	7,242,418	9,216	1,050	344,367	535,000	22,280	8,132
Perth & Kinross	49,946,064	462,336	30,840	680,372	2,427,000	146,703	53,547
Renfrewshire	60,326,464	1,445,808	150,720	0	200,333	170,201	62,123
Scottish Borders	37,673,040	132,768	9,480	177,006	1,236,000	107,475	39,228
Shetland Islands	8,008,716	23,616	1,530	312,345	783,667	25,013	9,130
South Ayrshire	37,359,633	619,776	79,170	308,569	1,250,667	108,542	39,618
South Lanarkshire	108,766,800	1,616,832	119,820	0	296,333	303,561	110,800
Stirling	31,798,435	865,248	103,320	456,256	1,113,667	94,074	34,337
West Dunbartonshire	31,183,780	498,288	45,090	5,238	192,000	87,464	31,924
West Lothian	62,793,348	1,031,328	22,140	24,809	329,667	175,894	64,201
TOTAL	1,861,783,240	29,606,160	2,845,680	19,390,351	41,426,000	5,356,305	1,955,051

Notes:

- Sport facilities and swimming pools GAE uses sports hall and pool use weighted NRS 2014 mid year population estimates adjusted for in commuters and tourists
- the weight of 48 for worker commuters is rolled forward from previous settlement calculations
- the weight of 30 for student commuters is rolled forward from previous settlement calculations
- Total Commuters is NOT commuters to Scotland as a whole but the SUM of commuters to individual authorities.

Annex 2: Calculation of Elderly Composite Indices - Residential Accommodation for the Elderly and Services for the Home Based Elderly

STEP 1: Construction of Standardised Mortality Ratios

Local Authority	Total Population 2012-2014						All Deaths 2012-2014					
	Number						Number					
	65-69	70-74	75-79	80-84	(65-74)	(75-84)	65-69	70-74	75-79	80-84	(65-74)	(75-84)
Aberdeen City	30,023	22,798	19,797	15,301	52,821	35,098	469	588	815	1,122	1,057	1,937
Aberdeenshire	44,521	31,674	24,430	17,007	76,195	41,437	533	682	940	1,189	1,215	2,129
Angus	23,544	17,443	14,181	10,350	40,987	24,531	299	352	558	688	651	1,246
Argyll & Bute	19,855	15,084	11,717	8,156	34,939	19,873	267	320	449	514	587	963
Clackmannanshire	9,433	6,672	5,074	3,266	16,105	8,340	161	175	206	259	336	465
Dumfries & Galloway	32,582	25,567	20,440	14,553	58,149	34,993	444	606	783	1,005	1,050	1,788
Dundee City	22,063	17,132	15,423	11,651	39,195	27,074	357	504	685	822	861	1,507
East Ayrshire	22,257	16,509	13,226	9,005	38,766	22,231	339	466	634	708	805	1,342
East Dunbartonshire	19,507	15,548	13,526	9,477	35,055	23,003	231	316	454	590	547	1,044
East Lothian	17,665	13,550	10,947	8,056	31,215	19,003	206	326	392	551	532	943
East Renfrewshire	15,259	11,763	10,295	7,611	27,022	17,906	176	248	360	439	424	799
Edinburgh (City of)	63,888	47,644	41,844	32,645	111,532	74,489	846	1,048	1,520	2,101	1,894	3,621
Eilean Siar	5,720	4,552	3,604	2,563	10,272	6,167	88	94	145	169	182	314
Falkirk	26,147	19,778	16,232	10,613	45,925	26,845	406	509	684	816	915	1,500
Fife	67,659	49,141	39,271	27,075	116,800	66,346	977	1,123	1,528	1,889	2,100	3,417
Glasgow City	72,461	57,981	50,867	37,054	130,442	87,921	1,592	2,123	2,713	3,019	3,715	5,732
Highland	45,113	33,849	25,935	18,861	78,962	44,796	538	725	866	1,136	1,263	2,002
Inverclyde	14,073	10,910	9,105	6,641	24,983	15,746	241	342	409	471	583	880
Midlothian	15,298	10,903	8,714	5,805	26,201	14,519	207	271	328	434	478	762
Moray	17,358	13,424	10,817	7,479	30,782	18,296	217	301	444	495	518	939
North Ayrshire	26,823	20,868	15,762	11,018	47,691	26,780	431	551	700	772	982	1,472
North Lanarkshire	52,244	40,461	31,716	20,985	92,705	52,701	974	1,189	1,519	1,663	2,163	3,182
Orkney Islands	4,343	3,644	2,486	1,702	7,987	4,188	47	68	84	115	115	199
Perth & Kinross	28,963	22,285	18,212	13,435	51,248	31,647	354	431	624	803	785	1,427
Renfrewshire	29,038	22,493	18,730	12,820	51,531	31,550	464	611	853	933	1,075	1,786
Scottish Borders	24,663	18,394	14,501	10,411	43,057	24,912	277	355	521	680	632	1,201
Shetland Islands	4,024	3,140	2,252	1,495	7,164	3,747	49	48	65	98	97	163
South Ayrshire	23,918	18,443	15,013	10,488	42,361	25,501	326	433	610	764	759	1,374
South Lanarkshire	52,864	40,997	33,021	23,323	93,861	56,344	863	1,100	1,444	1,708	1,963	3,152
Stirling	15,539	12,139	9,711	6,723	27,678	16,434	196	285	376	467	481	843
West Dunbartonshire	14,688	11,106	8,950	6,516	25,794	15,466	286	362	488	507	648	995
West Lothian	27,165	20,206	14,757	9,310	47,371	24,067	438	535	670	685	973	1,355
TOTAL	888,698	676,098	550,556	391,395	1,564,796	941,951	13,299	17,087	22,867	27,612	30,386	50,479

Source: NRS 2012, 2013 & 2014 Mid Year Population Estimates

Source: NRS Vital Events Reference Tables 2012, 2013 & 2014

Annex 2: Calculation of Elderly Composite Indices - Residential Accommodation for the Elderly and Services for the Home Based Elderly

STEP 1: Construction of Standardised Mortality Ratios (continued)

Local Authority	Death Rate 2012-2014						Standardised Mortality Ratios					
	65-69	70-74	75-79	80-84	(65-74)	(75-84)	65-69	70-74	75-79	80-84	(65-74)	(75-84)
Aberdeen City	0.0156	0.0258	0.0412	0.0733	0.0200	0.0552	1.0439	1.0205	0.9912	1.0394	1.0305	1.0298
Aberdeenshire	0.0120	0.0215	0.0385	0.0699	0.0159	0.0514	0.8000	0.8520	0.9264	0.9910	0.8212	0.9587
Angus	0.0127	0.0202	0.0393	0.0665	0.0159	0.0508	0.8486	0.7985	0.9474	0.9422	0.8179	0.9478
Argyll & Bute	0.0134	0.0212	0.0383	0.0630	0.0168	0.0485	0.8986	0.8394	0.9226	0.8933	0.8652	0.9042
Clackmannanshire	0.0171	0.0262	0.0406	0.0793	0.0209	0.0558	1.1405	1.0378	0.9775	1.1241	1.0744	1.0404
Dumfries & Galloway	0.0136	0.0237	0.0383	0.0691	0.0181	0.0511	0.9106	0.9379	0.9223	0.9789	0.9299	0.9535
Dundee City	0.0162	0.0294	0.0444	0.0706	0.0220	0.0557	1.0813	1.1640	1.0693	1.0001	1.1312	1.0387
East Ayrshire	0.0152	0.0282	0.0479	0.0786	0.0208	0.0604	1.0178	1.1169	1.1541	1.1145	1.0694	1.1264
East Dunbartonshire	0.0118	0.0203	0.0336	0.0623	0.0156	0.0454	0.7913	0.8042	0.8081	0.8825	0.8036	0.8469
East Lothian	0.0117	0.0241	0.0358	0.0684	0.0170	0.0496	0.7793	0.9520	0.8622	0.9695	0.8777	0.9260
East Renfrewshire	0.0115	0.0211	0.0350	0.0577	0.0157	0.0446	0.7708	0.8342	0.8419	0.8176	0.8080	0.8327
Edinburgh (City of)	0.0132	0.0220	0.0363	0.0644	0.0170	0.0486	0.8849	0.8704	0.8746	0.9123	0.8745	0.9071
Eilean Siar	0.0154	0.0207	0.0402	0.0659	0.0177	0.0509	1.0281	0.8171	0.9687	0.9347	0.9124	0.9501
Falkirk	0.0155	0.0257	0.0421	0.0769	0.0199	0.0559	1.0376	1.0183	1.0146	1.0899	1.0260	1.0427
Fife	0.0144	0.0229	0.0389	0.0698	0.0180	0.0515	0.9649	0.9042	0.9368	0.9890	0.9259	0.9611
Glasgow City	0.0220	0.0366	0.0533	0.0815	0.0285	0.0652	1.4682	1.4488	1.2841	1.1549	1.4666	1.2166
Highland	0.0119	0.0214	0.0334	0.0602	0.0160	0.0447	0.7969	0.8475	0.8039	0.8538	0.8237	0.8340
Inverclyde	0.0171	0.0313	0.0449	0.0709	0.0233	0.0559	1.1444	1.2404	1.0815	1.0053	1.2017	1.0429
Midlothian	0.0135	0.0249	0.0376	0.0748	0.0182	0.0525	0.9042	0.9835	0.9063	1.0598	0.9395	0.9793
Moray	0.0125	0.0224	0.0410	0.0662	0.0168	0.0513	0.8354	0.8872	0.9883	0.9382	0.8666	0.9577
North Ayrshire	0.0161	0.0264	0.0444	0.0701	0.0206	0.0550	1.0738	1.0448	1.0692	0.9932	1.0604	1.0257
North Lanarkshire	0.0186	0.0294	0.0479	0.0792	0.0233	0.0604	1.2458	1.1628	1.1531	1.1233	1.2015	1.1267
Orkney Islands	0.0108	0.0187	0.0338	0.0676	0.0144	0.0475	0.7232	0.7384	0.8135	0.9578	0.7415	0.8867
Perth & Kinross	0.0122	0.0193	0.0343	0.0598	0.0153	0.0451	0.8168	0.7653	0.8249	0.8472	0.7888	0.8414
Renfrewshire	0.0160	0.0272	0.0455	0.0728	0.0209	0.0566	1.0678	1.0748	1.0965	1.0316	1.0743	1.0563
Scottish Borders	0.0112	0.0193	0.0359	0.0653	0.0147	0.0482	0.7505	0.7637	0.8650	0.9258	0.7559	0.8996
Shetland Islands	0.0122	0.0153	0.0289	0.0656	0.0135	0.0435	0.8137	0.6049	0.6949	0.9292	0.6973	0.8117
South Ayrshire	0.0136	0.0235	0.0406	0.0728	0.0179	0.0539	0.9108	0.9290	0.9783	1.0326	0.9227	1.0054
South Lanarkshire	0.0163	0.0268	0.0437	0.0732	0.0209	0.0559	1.0909	1.0617	1.0529	1.0381	1.0770	1.0439
Stirling	0.0126	0.0235	0.0387	0.0695	0.0174	0.0513	0.8429	0.9290	0.9322	0.9846	0.8949	0.9572
West Dunbartonshire	0.0195	0.0326	0.0545	0.0778	0.0251	0.0643	1.3012	1.2897	1.3128	1.1029	1.2937	1.2005
West Lothian	0.0161	0.0265	0.0454	0.0736	0.0205	0.0563	1.0775	1.0477	1.0931	1.0429	1.0578	1.0506
TOTAL	0.0150	0.0253	0.0415	0.0705	0.0194	0.0536	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

Notes:
- Death Rate = Number of Deaths / Population

Notes:
- Standardised Mortality Ratio = Death Rate for Local Authority / Death Rate for Scotland

Annex 2: Calculation of Elderly Composite Indices - Residential Accommodation for the Elderly and Services for the Home Based Elderly

STEP 2: Construction of Limiting Long Term Illness Index

Local Authority	2011 Census Day Population									2011 Census Day - People Reporting Limiting Long Term Illness								
	65-69	70-74	75-79	80-84	85-89	90+	(65-74)	(75-84)	(85+)	65-69	70-74	75-79	80-84	85-89	90+	(65-74)	(75-84)	(85+)
	Number									Number								
Aberdeen City	8,526	7,716	6,694	4,986	2,792	1,317	16,242	11,680	4,109	2,873	3,224	3,588	3,325	2,218	1,148	6,097	6,913	3,366
Aberdeenshire	12,615	9,956	7,772	5,429	3,325	1,566	22,571	13,201	4,891	3,851	3,874	3,879	3,417	2,548	1,340	7,725	7,296	3,888
Angus	6,694	5,587	4,582	3,293	1,963	942	12,281	7,875	2,905	2,139	2,190	2,327	2,125	1,535	837	4,329	4,452	2,372
Argyll & Bute	5,913	4,848	3,692	2,551	1,534	798	10,761	6,243	2,332	1,927	1,931	1,891	1,693	1,177	717	3,858	3,584	1,894
Clackmannanshire	2,759	2,115	1,491	1,034	566	247	4,874	2,525	813	1,141	1,014	882	698	446	214	2,155	1,580	660
Dumfries & Galloway	9,843	8,154	6,622	4,635	2,582	1,214	17,997	11,257	3,796	3,583	3,616	3,653	3,183	2,076	1,067	7,199	6,836	3,143
Dundee City	6,367	5,985	5,229	3,790	2,249	977	12,352	9,019	3,226	2,491	2,810	3,016	2,543	1,809	835	5,301	5,559	2,644
East Ayrshire	6,522	5,393	4,297	2,807	1,519	769	11,915	7,104	2,288	2,794	2,870	2,722	2,063	1,250	702	5,664	4,785	1,952
East Dunbartonshire	5,797	5,180	4,273	2,927	1,579	672	10,977	7,200	2,251	1,749	1,981	2,156	1,921	1,223	572	3,730	4,077	1,795
East Lothian	5,198	4,297	3,535	2,526	1,483	724	9,495	6,061	2,207	1,771	1,825	1,853	1,675	1,201	639	3,596	3,528	1,840
East Renfrewshire	4,451	3,914	3,360	2,400	1,444	711	8,365	5,760	2,155	1,247	1,449	1,592	1,543	1,126	623	2,696	3,135	1,749
Edinburgh (City of)	18,127	15,954	13,783	10,745	6,579	3,299	34,081	24,528	9,878	5,825	6,361	6,956	6,948	5,122	2,921	12,186	13,904	8,043
Eilean Siar	1,700	1,497	1,147	840	539	246	3,197	1,987	785	587	623	655	595	441	227	1,210	1,250	668
Falkirk	7,551	6,500	5,060	3,397	1,925	863	14,051	8,457	2,788	3,038	3,240	2,940	2,375	1,558	765	6,278	5,315	2,323
Fife	19,529	15,652	12,425	8,730	5,188	2,547	35,181	21,155	7,735	7,341	7,127	7,002	6,143	4,186	2,265	14,468	13,145	6,451
Glasgow City	22,139	20,271	17,346	12,051	7,022	3,336	42,410	29,397	10,358	11,305	11,955	11,650	8,968	5,867	2,978	23,260	20,618	8,845
Highland	13,274	10,589	8,376	5,785	3,378	1,638	23,863	14,161	5,016	4,273	4,281	4,292	3,727	2,621	1,443	8,554	8,019	4,064
Inverclyde	4,281	3,635	3,017	2,086	1,159	598	7,916	5,103	1,757	1,798	1,765	1,797	1,463	943	527	3,563	3,260	1,470
Midlothian	4,335	3,495	2,774	1,829	998	472	7,830	4,603	1,470	1,604	1,626	1,551	1,273	819	427	3,230	2,824	1,246
Moray	5,105	4,276	3,510	2,375	1,292	664	9,381	5,885	1,956	1,602	1,714	1,763	1,560	1,026	576	3,316	3,323	1,602
North Ayrshire	7,973	6,610	5,102	3,341	1,897	975	14,583	8,443	2,872	3,171	3,293	3,045	2,356	1,553	872	6,464	5,401	2,425
North Lanarkshire	15,681	13,245	10,104	6,604	3,299	1,450	28,926	16,708	4,749	7,346	7,357	6,691	5,091	2,806	1,310	14,703	11,782	4,116
Orkney Islands	1,346	1,092	733	569	305	174	2,438	1,302	479	464	489	394	397	238	153	953	791	391
Perth & Kinross	8,452	7,180	5,799	4,375	2,547	1,210	15,632	10,174	3,757	2,479	2,668	2,754	2,788	1,952	1,062	5,147	5,542	3,014
Renfrewshire	8,678	7,469	5,942	4,037	2,232	1,121	16,147	9,979	3,353	3,446	3,497	3,552	2,816	1,813	1,006	6,943	6,368	2,819
Scottish Borders	7,051	5,900	4,568	3,331	2,004	965	12,951	7,899	2,969	2,055	2,189	2,243	2,096	1,552	839	4,244	4,339	2,391
Shetland Islands	1,230	913	687	491	296	160	2,143	1,178	456	408	363	385	350	250	138	771	735	388
South Ayrshire	7,155	5,882	4,848	3,307	2,070	998	13,037	8,155	3,068	2,522	2,540	2,673	2,235	1,684	903	5,062	4,908	2,587
South Lanarkshire	15,902	13,317	10,633	7,304	3,936	1,851	29,219	17,937	5,787	6,420	6,587	6,400	5,309	3,249	1,636	13,007	11,709	4,885
Stirling	4,616	3,925	3,096	2,065	1,203	628	8,541	5,161	1,831	1,541	1,657	1,659	1,404	939	563	3,198	3,063	1,502
West Dunbartonshire	4,354	3,708	3,047	2,076	1,123	608	8,062	5,123	1,731	1,914	1,981	1,939	1,524	923	544	3,895	3,463	1,467
West Lothian	8,034	6,339	4,570	2,809	1,479	656	14,373	7,379	2,135	3,316	3,182	2,807	2,066	1,238	590	6,498	4,873	1,828
TOTAL	261,198	220,594	178,114	124,525	71,507	34,396	481,792	302,639	105,903	98,021	101,279	100,707	85,670	57,389	30,439	199,300	186,377	87,828

Source: NRS 2011 Census of Population

Source: NRS 2011 Census of Population

Annex 2: Calculation of Elderly Composite Indices - Residential Accommodation for the Elderly and Services for the Home Based Elderly

STEP 2: Construction of Limiting Long Term Illness Index (continued)

Local Authority	Rate									2011 Census Day - Long Term Limiting Illness Index								
	65-69	70-74	75-79	80-84	85-89	90+	(65-74)	(75-84)	(85+)	65-69	70-74	75-79	80-84	85-89	90+	(65-74)	(75-84)	(85+)
Aberdeen City	0.3370	0.4178	0.5360	0.6669	0.7944	0.8717	0.3754	0.5919	0.8192	0.8979	0.9101	0.9480	0.9693	0.9898	0.9850	0.9075	0.9611	0.9878
Aberdeenshire	0.3053	0.3891	0.4991	0.6294	0.7663	0.8557	0.3423	0.5527	0.7949	0.8135	0.8475	0.8827	0.9149	0.9548	0.9669	0.8274	0.8975	0.9585
Angus	0.3195	0.3920	0.5079	0.6453	0.7820	0.8885	0.3525	0.5653	0.8165	0.8515	0.8538	0.8982	0.9380	0.9743	1.0040	0.8521	0.9180	0.9846
Argyll & Bute	0.3259	0.3983	0.5122	0.6637	0.7673	0.8985	0.3585	0.5741	0.8122	0.8684	0.8675	0.9059	0.9647	0.9560	1.0153	0.8667	0.9322	0.9793
Clackmannanshire	0.4136	0.4794	0.5915	0.6750	0.7880	0.8664	0.4421	0.6257	0.8118	1.1020	1.0442	1.0462	0.9812	0.9818	0.9790	1.0688	1.0161	0.9789
Dumfries & Galloway	0.3640	0.4435	0.5516	0.6867	0.8040	0.8789	0.4000	0.6073	0.8280	0.9700	0.9659	0.9757	0.9982	1.0018	0.9932	0.9670	0.9861	0.9984
Dundee City	0.3912	0.4695	0.5768	0.6710	0.8044	0.8547	0.4292	0.6164	0.8196	1.0425	1.0226	1.0201	0.9753	1.0022	0.9658	1.0375	1.0009	0.9883
East Ayrshire	0.4284	0.5322	0.6335	0.7349	0.8229	0.9129	0.4754	0.6736	0.8531	1.1416	1.1591	1.1204	1.0683	1.0254	1.0315	1.1492	1.0937	1.0287
East Dunbartonshire	0.3017	0.3824	0.5046	0.6563	0.7745	0.8512	0.3398	0.5663	0.7974	0.8040	0.8330	0.8924	0.9540	0.9651	0.9618	0.8214	0.9195	0.9615
East Lothian	0.3407	0.4247	0.5242	0.6631	0.8098	0.8826	0.3787	0.5821	0.8337	0.9079	0.9251	0.9271	0.9638	1.0091	0.9973	0.9155	0.9452	1.0053
East Renfrewshire	0.2802	0.3702	0.4738	0.6429	0.7798	0.8762	0.3223	0.5443	0.8116	0.7466	0.8063	0.8380	0.9345	0.9716	0.9901	0.7791	0.8838	0.9786
Edinburgh (City of)	0.3213	0.3987	0.5047	0.6466	0.7785	0.8854	0.3576	0.5669	0.8142	0.8563	0.8684	0.8926	0.9399	0.9701	1.0005	0.8644	0.9205	0.9818
Eilean Siar	0.3453	0.4162	0.5711	0.7083	0.8182	0.9228	0.3785	0.6291	0.8510	0.9201	0.9064	1.0100	1.0296	1.0195	1.0427	0.9149	1.0215	1.0261
Falkirk	0.4023	0.4985	0.5810	0.6991	0.8094	0.8864	0.4468	0.6285	0.8332	1.0721	1.0857	1.0276	1.0162	1.0085	1.0017	1.0801	1.0205	1.0047
Fife	0.3759	0.4553	0.5635	0.7037	0.8069	0.8893	0.4112	0.6214	0.8340	1.0017	0.9918	0.9967	1.0228	1.0054	1.0049	0.9942	1.0090	1.0056
Glasgow City	0.5106	0.5898	0.6716	0.7442	0.8355	0.8927	0.5485	0.7014	0.8539	1.3607	1.2845	1.1879	1.0817	1.0411	1.0087	1.3258	1.1389	1.0297
Highland	0.3219	0.4043	0.5124	0.6443	0.7759	0.8810	0.3585	0.5663	0.8102	0.8578	0.8806	0.9063	0.9364	0.9668	0.9955	0.8666	0.9195	0.9769
Inverclyde	0.4200	0.4856	0.5956	0.7013	0.8136	0.8813	0.4501	0.6388	0.8367	1.1192	1.0576	1.0534	1.0194	1.0138	0.9958	1.0881	1.0373	1.0088
Midlothian	0.3700	0.4652	0.5591	0.6960	0.8206	0.9047	0.4125	0.6135	0.8476	0.9860	1.0133	0.9889	1.0117	1.0225	1.0223	0.9972	0.9962	1.0221
Moray	0.3138	0.4008	0.5023	0.6568	0.7941	0.8675	0.3535	0.5647	0.8190	0.8362	0.8731	0.8883	0.9547	0.9895	0.9802	0.8545	0.9169	0.9876
North Ayrshire	0.3977	0.4982	0.5968	0.7052	0.8187	0.8944	0.4433	0.6397	0.8444	1.0598	1.0851	1.0556	1.0250	1.0201	1.0106	1.0715	1.0387	1.0181
North Lanarkshire	0.4685	0.5555	0.6622	0.7709	0.8506	0.9034	0.5083	0.7052	0.8667	1.2483	1.2098	1.1712	1.1205	1.0598	1.0209	1.2288	1.1451	1.0451
Orkney Islands	0.3447	0.4478	0.5375	0.6977	0.7803	0.8793	0.3909	0.6075	0.8163	0.9186	0.9754	0.9507	1.0142	0.9723	0.9936	0.9450	0.9865	0.9843
Perth & Kinross	0.2933	0.3716	0.4749	0.6373	0.7664	0.8777	0.3293	0.5447	0.8022	0.7816	0.8093	0.8399	0.9263	0.9549	0.9918	0.7960	0.8845	0.9673
Renfrewshire	0.3971	0.4682	0.5978	0.6975	0.8123	0.8974	0.4300	0.6381	0.8407	1.0581	1.0198	1.0573	1.0139	1.0121	1.0141	1.0395	1.0362	1.0138
Scottish Borders	0.2914	0.3710	0.4910	0.6292	0.7745	0.8694	0.3277	0.5493	0.8053	0.7766	0.8081	0.8684	0.9146	0.9650	0.9825	0.7922	0.8920	0.9711
Shetland Islands	0.3317	0.3976	0.5604	0.7128	0.8446	0.8625	0.3598	0.6239	0.8509	0.8839	0.8660	0.9912	1.0361	1.0524	0.9746	0.8697	1.0132	1.0260
South Ayrshire	0.3525	0.4318	0.5514	0.6758	0.8135	0.9048	0.3883	0.6018	0.8432	0.9393	0.9406	0.9752	0.9824	1.0137	1.0224	0.9386	0.9773	1.0168
South Lanarkshire	0.4037	0.4946	0.6019	0.7269	0.8255	0.8838	0.4452	0.6528	0.8441	1.0758	1.0773	1.0645	1.0565	1.0285	0.9987	1.0761	1.0600	1.0179
Stirling	0.3338	0.4222	0.5359	0.6799	0.7805	0.8965	0.3744	0.5935	0.8203	0.8896	0.9195	0.9477	0.9883	0.9726	1.0130	0.9052	0.9637	0.9891
West Dunbartonshire	0.4396	0.5343	0.6364	0.7341	0.8219	0.8947	0.4831	0.6760	0.8475	1.1714	1.1636	1.1255	1.0671	1.0241	1.0111	1.1679	1.0976	1.0219
West Lothian	0.4127	0.5020	0.6142	0.7355	0.8371	0.8994	0.4521	0.6604	0.8562	1.0998	1.0933	1.0863	1.0691	1.0430	1.0163	1.0929	1.0723	1.0324
TOTAL	0.3753	0.4591	0.5654	0.6880	0.8026	0.8850	0.4137	0.6158	0.8293	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

Notes:
- Limiting Long-Term Illness Rate = Number Reporting LLTI / Population

Notes:
- Limiting Long-Term Illness Index = LLTI Rate for LA / LLTI Rate for Scotland

Annex 2: Calculation of Elderly Composite Indices - Residential Accommodation for the Elderly and Services for the Home Based Elderly

STEP 3: Construction of Living Alone Index

Local Authority	2011 Census Day Population									2011 Census Day - Number of People Living Alone								
	65-69	70-74	75-79	80-84	85-89	90+	(65-74)	(75-84)	(85+)	65-69	70-74	75-79	80-84	85-89	90+	(65-74)	(75-84)	(85+)
Aberdeen City	8,526	7,716	6,694	4,986	2,792	1,317	16,242	11,680	4,109	2,231	2,295	2,482	2,368	1,471	673	4,526	4,850	2,144
Aberdeenshire	12,615	9,956	7,772	5,429	3,325	1,566	22,571	13,201	4,891	2,373	2,493	2,590	2,437	1,711	801	4,866	5,027	2,512
Angus	6,694	5,587	4,582	3,293	1,963	942	12,281	7,875	2,905	1,369	1,480	1,595	1,507	1,017	459	2,849	3,102	1,476
Argyll & Bute	5,913	4,848	3,692	2,551	1,534	798	10,761	6,243	2,332	1,427	1,451	1,350	1,162	804	421	2,878	2,512	1,225
Clackmannanshire	2,759	2,115	1,491	1,034	566	247	4,874	2,525	813	623	619	558	492	351	149	1,242	1,050	500
Dumfries & Galloway	9,843	8,154	6,622	4,635	2,582	1,214	17,997	11,257	3,796	2,093	2,187	2,316	2,126	1,359	618	4,280	4,442	1,977
Dundee City	6,367	5,985	5,229	3,790	2,249	977	12,352	9,019	3,226	1,943	2,058	2,180	1,881	1,271	525	4,001	4,061	1,796
East Ayrshire	6,522	5,393	4,297	2,807	1,519	769	11,915	7,104	2,288	1,445	1,485	1,624	1,317	830	435	2,930	2,941	1,265
East Dunbartonshire	5,797	5,180	4,273	2,927	1,579	672	10,977	7,200	2,251	1,089	1,234	1,395	1,249	840	359	2,323	2,644	1,199
East Lothian	5,198	4,297	3,535	2,526	1,483	724	9,495	6,061	2,207	1,110	1,171	1,276	1,113	769	399	2,281	2,389	1,168
East Renfrewshire	4,451	3,914	3,360	2,400	1,444	711	8,365	5,760	2,155	935	1,007	1,219	1,111	755	396	1,942	2,330	1,151
Edinburgh (City of)	18,127	15,954	13,783	10,745	6,579	3,299	34,081	24,528	9,878	5,329	5,171	5,410	5,203	3,551	1,725	10,500	10,613	5,276
Eilean Siar	1,700	1,497	1,147	840	539	246	3,197	1,987	785	441	476	429	389	246	102	917	818	348
Falkirk	7,551	6,500	5,060	3,397	1,925	863	14,051	8,457	2,788	1,721	1,834	1,881	1,613	1,100	453	3,555	3,494	1,553
Fife	19,529	15,652	12,425	8,730	5,188	2,547	35,181	21,155	7,735	4,316	4,331	4,351	4,131	2,760	1,318	8,647	8,482	4,078
Glasgow City	22,139	20,271	17,346	12,051	7,022	3,336	42,410	29,397	10,358	8,339	8,301	8,003	6,194	3,939	1,732	16,640	14,197	5,671
Highland	13,274	10,589	8,376	5,785	3,378	1,638	23,863	14,161	5,016	2,931	2,980	2,884	2,591	1,617	749	5,911	5,475	2,366
Inverclyde	4,281	3,635	3,017	2,086	1,159	598	7,916	5,103	1,757	1,209	1,211	1,205	1,108	626	313	2,420	2,313	939
Midlothian	4,335	3,495	2,774	1,829	998	472	7,830	4,603	1,470	881	867	946	802	503	233	1,748	1,748	736
Moray	5,105	4,276	3,510	2,375	1,292	664	9,381	5,885	1,956	1,097	1,099	1,226	1,079	652	327	2,196	2,305	979
North Ayrshire	7,973	6,610	5,102	3,341	1,897	975	14,583	8,443	2,872	1,969	1,970	2,020	1,572	991	505	3,939	3,592	1,496
North Lanarkshire	15,681	13,245	10,104	6,604	3,299	1,450	28,926	16,708	4,749	4,006	4,071	3,896	3,232	1,818	749	8,077	7,128	2,567
Orkney Islands	1,346	1,092	733	569	305	174	2,438	1,302	479	333	317	275	249	182	90	650	524	272
Perth & Kinross	8,452	7,180	5,799	4,375	2,547	1,210	15,632	10,174	3,757	1,797	1,840	1,971	1,926	1,273	597	3,637	3,897	1,870
Renfrewshire	8,678	7,469	5,942	4,037	2,232	1,121	16,147	9,979	3,353	2,299	2,394	2,377	1,902	1,246	577	4,693	4,279	1,823
Scottish Borders	7,051	5,900	4,568	3,331	2,004	965	12,951	7,899	2,969	1,550	1,554	1,676	1,533	1,144	532	3,104	3,209	1,676
Shetland Islands	1,230	913	687	491	296	160	2,143	1,178	456	282	253	224	204	141	77	535	428	218
South Ayrshire	7,155	5,882	4,848	3,307	2,070	998	13,037	8,155	3,068	1,631	1,579	1,746	1,495	1,083	515	3,210	3,241	1,598
South Lanarkshire	15,902	13,317	10,633	7,304	3,936	1,851	29,219	17,937	5,787	3,764	3,688	4,069	3,472	2,099	844	7,452	7,541	2,943
Stirling	4,616	3,925	3,096	2,065	1,203	628	8,541	5,161	1,831	994	1,007	1,029	915	653	301	2,001	1,944	954
West Dunbartonshire	4,354	3,708	3,047	2,076	1,123	608	8,062	5,123	1,731	1,253	1,298	1,221	1,030	628	334	2,551	2,251	962
West Lothian	8,034	6,339	4,570	2,809	1,479	656	14,373	7,379	2,135	1,831	1,818	1,732	1,300	793	327	3,649	3,032	1,120
TOTAL	261,198	220,594	178,114	124,525	71,507	34,396	481,792	302,639	105,903	64,611	65,539	67,156	58,703	38,223	17,635	130,150	125,859	55,858

Source: NRS 2011 Census of Population

Source: NRS 2011 Census of Population

Annex 2: Calculation of Elderly Composite Indices - Residential Accommodation for the Elderly and Services for the Home Based Elderly

STEP 3: Construction of Living Alone Index (continued)

Local Authority	Rate									2011 Census Day - Living Alone Index								
	65-69	70-74	75-79	80-84	85-89	90+	(65-74)	(75-84)	(85+)	65-69	70-74	75-79	80-84	85-89	90+	(65-74)	(75-84)	(85+)
Aberdeen City	0.2617	0.2974	0.3708	0.4749	0.5269	0.5110	0.2787	0.4152	0.5218	1.0578	1.0011	0.9834	1.0075	0.9856	0.9967	1.0316	0.9985	0.9893
Aberdeenshire	0.1881	0.2504	0.3332	0.4489	0.5146	0.5115	0.2156	0.3808	0.5136	0.7605	0.8428	0.8839	0.9522	0.9627	0.9976	0.7981	0.9157	0.9737
Angus	0.2045	0.2649	0.3481	0.4576	0.5181	0.4873	0.2320	0.3939	0.5081	0.8268	0.8916	0.9232	0.9708	0.9692	0.9504	0.8588	0.9472	0.9633
Argyll & Bute	0.2413	0.2993	0.3657	0.4555	0.5241	0.5276	0.2674	0.4024	0.5253	0.9756	1.0074	0.9698	0.9663	0.9805	1.0290	0.9900	0.9675	0.9959
Clackmannanshire	0.2258	0.2927	0.3742	0.4758	0.6201	0.6032	0.2548	0.4158	0.6150	0.9129	0.9851	0.9926	1.0093	1.1602	1.1766	0.9433	0.9999	1.1660
Dumfries & Galloway	0.2126	0.2682	0.3497	0.4587	0.5263	0.5091	0.2378	0.3946	0.5208	0.8596	0.9028	0.9276	0.9730	0.9847	0.9929	0.8804	0.9488	0.9874
Dundee City	0.3052	0.3439	0.4169	0.4963	0.5651	0.5374	0.3239	0.4503	0.5567	1.2337	1.1574	1.1057	1.0528	1.0573	1.0481	1.1991	1.0827	1.0555
East Ayrshire	0.2216	0.2754	0.3779	0.4692	0.5464	0.5657	0.2459	0.4140	0.5529	0.8957	0.9268	1.0024	0.9953	1.0222	1.1033	0.9103	0.9955	1.0482
East Dunbartonshire	0.1879	0.2382	0.3265	0.4267	0.5320	0.5342	0.2116	0.3672	0.5327	0.7594	0.8018	0.8659	0.9052	0.9952	1.0420	0.7834	0.8830	1.0099
East Lothian	0.2135	0.2725	0.3610	0.4406	0.5185	0.5511	0.2402	0.3942	0.5292	0.8633	0.9172	0.9574	0.9347	0.9701	1.0749	0.8893	0.9478	1.0034
East Renfrewshire	0.2101	0.2573	0.3628	0.4629	0.5229	0.5570	0.2322	0.4045	0.5341	0.8492	0.8660	0.9622	0.9820	0.9781	1.0863	0.8594	0.9727	1.0126
Edinburgh (City of)	0.2940	0.3241	0.3925	0.4842	0.5397	0.5229	0.3081	0.4327	0.5341	1.1885	1.0909	1.0410	1.0272	1.0098	1.0199	1.1405	1.0404	1.0126
Eilean Siar	0.2594	0.3180	0.3740	0.4631	0.4564	0.4146	0.2868	0.4117	0.4433	1.0487	1.0702	0.9920	0.9824	0.8538	0.8087	1.0618	0.9899	0.8405
Falkirk	0.2279	0.2822	0.3717	0.4748	0.5714	0.5249	0.2530	0.4131	0.5570	0.9214	0.9497	0.9859	1.0072	1.0690	1.0238	0.9366	0.9935	1.0561
Fife	0.2210	0.2767	0.3502	0.4732	0.5320	0.5175	0.2458	0.4009	0.5272	0.8934	0.9313	0.9288	1.0038	0.9953	1.0093	0.9099	0.9641	0.9996
Glasgow City	0.3767	0.4095	0.4614	0.5140	0.5610	0.5192	0.3924	0.4829	0.5475	1.5227	1.3783	1.2237	1.0903	1.0494	1.0126	1.4524	1.1613	1.0380
Highland	0.2208	0.2814	0.3443	0.4479	0.4787	0.4573	0.2477	0.3866	0.4717	0.8926	0.9472	0.9132	0.9501	0.8955	0.8919	0.9170	0.9297	0.8943
Inverclyde	0.2824	0.3331	0.3994	0.5312	0.5401	0.5234	0.3057	0.4533	0.5344	1.1417	1.1213	1.0593	1.1267	1.0104	1.0209	1.1317	1.0899	1.0133
Midlothian	0.2032	0.2481	0.3410	0.4385	0.5040	0.4936	0.2232	0.3798	0.5007	0.8216	0.8350	0.9045	0.9302	0.9429	0.9628	0.8264	0.9131	0.9493
Moray	0.2149	0.2570	0.3493	0.4543	0.5046	0.4925	0.2341	0.3917	0.5005	0.8687	0.8651	0.9264	0.9637	0.9441	0.9605	0.8666	0.9418	0.9489
North Ayrshire	0.2470	0.2980	0.3959	0.4705	0.5224	0.5179	0.2701	0.4254	0.5209	0.9984	1.0031	1.0501	0.9981	0.9773	1.0102	0.9999	1.0230	0.9876
North Lanarkshire	0.2555	0.3074	0.3856	0.4894	0.5511	0.5166	0.2792	0.4266	0.5405	1.0328	1.0345	1.0227	1.0382	1.0309	1.0075	1.0337	1.0258	1.0248
Orkney Islands	0.2474	0.2903	0.3752	0.4376	0.5967	0.5172	0.2666	0.4025	0.5678	1.0001	0.9771	0.9950	0.9283	1.1163	1.0088	0.9869	0.9677	1.0766
Perth & Kinross	0.2126	0.2563	0.3399	0.4402	0.4998	0.4934	0.2327	0.3830	0.4977	0.8595	0.8626	0.9015	0.9338	0.9350	0.9623	0.8613	0.9210	0.9437
Renfrewshire	0.2649	0.3205	0.4000	0.4711	0.5582	0.5147	0.2906	0.4288	0.5437	1.0710	1.0788	1.0610	0.9994	1.0444	1.0039	1.0759	1.0311	1.0308
Scottish Borders	0.2198	0.2634	0.3669	0.4602	0.5709	0.5513	0.2397	0.4063	0.5645	0.8887	0.8865	0.9731	0.9763	1.0680	1.0753	0.8872	0.9769	1.0703
Shetland Islands	0.2293	0.2771	0.3261	0.4155	0.4764	0.4813	0.2497	0.3633	0.4781	0.9268	0.9327	0.8648	0.8813	0.8912	0.9386	0.9242	0.8737	0.9064
South Ayrshire	0.2280	0.2684	0.3601	0.4521	0.5232	0.5160	0.2462	0.3974	0.5209	0.9215	0.9035	0.9552	0.9590	0.9788	1.0065	0.9115	0.9556	0.9875
South Lanarkshire	0.2367	0.2769	0.3827	0.4754	0.5333	0.4560	0.2550	0.4204	0.5086	0.9569	0.9321	1.0150	1.0084	0.9977	0.8893	0.9441	1.0109	0.9642
Stirling	0.2153	0.2566	0.3324	0.4431	0.5428	0.4793	0.2343	0.3767	0.5210	0.8705	0.8635	0.8815	0.9399	1.0155	0.9348	0.8673	0.9057	0.9878
West Dunbartonshire	0.2878	0.3501	0.4007	0.4961	0.5592	0.5493	0.3164	0.4394	0.5557	1.1634	1.1782	1.0628	1.0525	1.0462	1.0715	1.1713	1.0566	1.0537
West Lothian	0.2279	0.2868	0.3790	0.4628	0.5362	0.4985	0.2539	0.4109	0.5246	0.9213	0.9653	1.0052	0.9817	1.0031	0.9722	0.9398	0.9880	0.9946
TOTAL	0.2474	0.2971	0.3770	0.4714	0.5345	0.5127	0.2701	0.4159	0.5274	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

Notes:
- Living Alone Rate = Number Living Alone / Population

Notes:
- Living Alone Index = Living Alone Rate for LA / Living Alone Rate for Scotland

Annex 2: Calculation of Elderly Composite Indices - Residential Accommodation for the Elderly and Services for the Home Based Elderly

STEP 4: Construction of Council Tax Index

STEP 5: Calculation of Pension Credit (PC) Claimants Index

Local Authority	Number of Dwellings on valuation list by Council Tax Band, 6th September, 2011								A-C as a % of A-H	Index	Local Authority	2014 MYE Population 65+	Pensioner Credit Claimants	Claimant Rate	Index
	A	B	C	D	E	F	G	H							
Aberdeen City	22,093	28,093	18,766	14,642	14,060	8,314	7,352	914	60.36%	0.9933	Aberdeen City	34,264	4,340	0.127	0.7448
Aberdeenshire	20,609	15,983	14,157	17,237	21,119	15,708	9,840	570	44.04%	0.7248	Aberdeenshire	45,788	4,580	0.100	0.5882
Angus	15,240	12,762	7,069	8,359	7,397	2,996	1,624	172	63.06%	1.0376	Angus	25,645	3,270	0.128	0.7498
Argyll & Bute	7,674	9,986	9,453	6,044	7,390	4,113	2,809	243	56.83%	0.9351	Argyll & Bute	21,116	3,040	0.144	0.8465
Clackmannanshire	6,326	7,299	1,992	2,507	3,195	1,886	860	49	64.76%	1.0657	Clackmannanshire	9,328	1,440	0.154	0.9077
Dumfries & Galloway	11,281	22,774	11,939	9,977	10,507	5,134	2,421	157	61.99%	1.0202	Dumfries & Galloway	35,785	5,370	0.150	0.8824
Dundee City	28,246	17,027	9,084	8,810	7,106	2,327	1,052	37	73.77%	1.2139	Dundee City	25,793	5,640	0.219	1.2858
East Ayrshire	26,383	9,384	5,125	6,560	6,057	3,153	946	46	70.93%	1.1671	East Ayrshire	23,207	4,540	0.196	1.1503
East Dunbartonshire	1,108	3,696	8,294	8,180	10,411	6,903	6,477	609	28.67%	0.4719	East Dunbartonshire	22,609	2,070	0.092	0.5384
East Lothian	1,199	9,297	14,793	5,903	6,004	4,737	3,753	646	54.58%	0.8982	East Lothian	19,504	2,490	0.128	0.7507
East Renfrewshire	1,356	5,218	4,010	6,435	8,126	6,024	6,202	690	27.81%	0.4576	East Renfrewshire	17,689	1,840	0.104	0.6116
Edinburgh (City of)	23,248	47,011	43,969	37,823	40,177	24,402	20,893	3,910	47.31%	0.7786	Edinburgh (City of)	73,781	10,230	0.139	0.8153
Eilean Siar	4,780	3,815	2,822	1,726	1,220	176	33	5	78.32%	1.2888	Eilean Siar	6,450	1,400	0.217	1.2763
Falkirk	22,227	19,366	6,660	8,693	8,563	5,180	2,537	64	65.84%	1.0834	Falkirk	27,945	4,570	0.164	0.9616
Fife	40,359	48,231	22,316	20,103	22,690	12,923	6,258	486	63.97%	1.0527	Fife	71,077	9,610	0.135	0.7950
Glasgow City	65,918	79,016	67,683	41,900	29,435	13,167	6,228	666	69.94%	1.1509	Glasgow City	83,544	28,560	0.342	2.0101
Highland	19,627	23,084	23,245	18,251	17,966	8,784	4,262	322	57.08%	0.9394	Highland	48,035	6,620	0.138	0.8104
Inverclyde	19,119	5,845	3,504	3,305	3,468	1,912	1,422	212	73.40%	1.2078	Inverclyde	15,691	3,410	0.217	1.2779
Midlothian	981	12,481	10,646	4,965	4,596	2,933	1,908	165	62.33%	1.0258	Midlothian	15,602	2,010	0.129	0.7575
Moray	11,994	10,512	6,693	6,314	5,770	2,076	630	107	66.22%	1.0896	Moray	19,007	2,390	0.126	0.7394
North Ayrshire	21,788	18,278	6,973	6,764	8,799	3,775	1,157	56	69.59%	1.1452	North Ayrshire	28,497	5,440	0.191	1.1225
North Lanarkshire	53,719	37,131	19,154	15,890	15,523	8,000	2,744	132	72.23%	1.1886	North Lanarkshire	54,784	12,700	0.232	1.3631
Orkney Islands	2,475	2,855	2,308	1,713	1,262	284	23	4	69.92%	1.1506	Orkney Islands	4,715	570	0.121	0.7108
Perth & Kinross	8,857	14,766	11,649	10,377	11,384	7,258	5,864	673	49.80%	0.8195	Perth & Kinross	32,516	3,750	0.115	0.6781
Renfrewshire	13,647	25,624	14,386	11,540	10,319	5,811	3,455	215	63.13%	1.0388	Renfrewshire	31,760	5,720	0.180	1.0590
Scottish Borders	16,543	12,728	6,873	5,837	6,314	4,620	4,262	451	62.72%	1.0321	Scottish Borders	26,330	3,210	0.122	0.7169
Shetland Islands	2,974	1,827	2,752	1,791	1,350	265	61	1	68.53%	1.1278	Shetland Islands	4,237	470	0.111	0.6523
South Ayrshire	7,272	12,577	8,806	8,258	9,559	4,841	3,032	290	52.45%	0.8631	South Ayrshire	26,378	3,870	0.147	0.8627
South Lanarkshire	36,419	30,047	25,348	19,928	18,658	11,133	5,840	476	62.10%	1.0219	South Lanarkshire	57,584	10,830	0.188	1.1059
Stirling	5,672	8,674	4,495	4,674	6,229	5,135	5,068	699	46.35%	0.7628	Stirling	16,894	2,110	0.125	0.7344
West Dunbartonshire	8,010	16,910	7,485	5,824	4,383	1,634	744	66	71.92%	1.1835	West Dunbartonshire	15,744	4,010	0.255	1.4977
West Lothian	17,695	24,653	9,855	7,933	9,230	5,506	2,560	182	67.26%	1.1068	West Lothian	27,148	4,600	0.169	0.9963
TOTAL	544,839	596,950	412,304	338,263	338,267	191,110	122,317	13,315	60.77%	1.0000	TOTAL	968,447	164,700	0.170	1.0000

Notes:
 - SG LGF Statistics return CTAXBASE 2015
 - Council Tax Index = A-C as % of A-H for LA / A-C as % of A-H for Scotland

Notes:
 - Pension Credit Claimants : DWP Q1 2015, sum of claimants of GPC (Guarantee Pension Credit) and GPC & SPC (Savings Pension Credit). This excludes the SPC only element.
 - Population Data: NRS Mid Year Estimates 2014

Annex 2: Calculation of Elderly Composite Indices - Residential Accommodation for the Elderly and Services for the Home Based Elderly

STEP 6: Calculation of Population Age Band Weightings (Services for the Home Based Elderly)

Age Band	Home Care Clients	Population	Rate (per 1,000)	Weight	Previous Weight (2014-16 Allocations)	Mean Weight for 2016-17 Allocations
65-74	9,049	535,209	16.907	1.00	1.00	1.00
75-84	20,002	318,857	62.730	3.71	3.93	3.82
85+	21,392	114,381	187.024	11.06	11.12	11.09

Note

- Home Care Clients from Scottish Government Home Care Services, 2014
- Population Data: NRS Mid Year Estimates 2014

STEP 7: Calculation of Population Age Band Weightings (Residential Accommodation for the Elderly)

Age Band	Long Stay Residents in Homes for Older People	Population	Rate (per 1,000)	Weight	Previous Weight (2014-16 Allocations)	Mean Weight for 2016-17 Allocations
65-69	1,086	305,574	3.56	1.00	1.00	1.00
70-74	2,033	229,635	8.85	2.49	2.40	2.45
75-79	3,741	186,414	20.07	5.64	5.42	5.53
80-84	6,361	132,443	48.03	13.51	12.83	13.17
85-89	8,121	74,829	108.53	30.53	27.23	28.88
90+	9,323	39,552	235.72	66.30	53.63	59.97

Note:

- Long Stay Residents from Scottish Government Scottish Care Census, 2014
- Population Data: NRS Mid Year Estimates 2014

Annex 2: Calculation of Elderly Composite Indices - Residential Accommodation for the Elderly and Services for the Home Based Elderly

FINAL STEP: Calculation of Services for the Home Based Elderly Index

Base Year (2016/17)

Local Authority	Weighted NRS 2014 MYE Population			Combined SMR, LLTI, Live Alone & PC Index			Final Services for the Home Based Elderly GAE Composite Index	
	65-74	75-84	85+	65-74	75-84	85+	Number	% of Total
Aberdeen City	18,106	44,460	50,081	0.929	0.934	0.907	103,755	3.4%
Aberdeenshire	26,372	53,987	58,545	0.759	0.840	0.840	114,544	3.8%
Angus	14,156	31,706	35,340	0.820	0.891	0.899	71,621	2.4%
Argyll & Bute	11,940	25,852	26,688	0.892	0.913	0.941	59,347	2.0%
Clackmannanshire	5,570	10,845	10,183	0.999	0.991	1.018	26,671	0.9%
Dumfries & Galloway	19,886	45,109	45,323	0.915	0.943	0.956	104,049	3.4%
Dundee City	13,258	34,554	38,667	1.163	1.102	1.110	96,418	3.2%
East Ayrshire	13,221	28,754	27,242	1.070	1.091	1.076	74,835	2.5%
East Dunbartonshire	11,916	30,068	31,269	0.737	0.797	0.837	58,900	2.0%
East Lothian	10,706	24,546	26,289	0.858	0.892	0.920	55,274	1.8%
East Renfrewshire	9,243	23,213	26,255	0.765	0.825	0.868	49,002	1.6%
Edinburgh (City of)	38,348	95,293	116,224	0.924	0.921	0.937	232,022	7.7%
Eilean Siar	3,507	7,935	9,595	1.041	1.059	1.048	22,111	0.7%
Falkirk	15,723	35,127	33,532	1.001	1.005	1.007	84,809	2.8%
Fife	40,268	86,136	91,533	0.906	0.932	0.933	202,233	6.7%
Glasgow City	43,843	111,510	116,457	1.564	1.382	1.359	380,932	12.6%
Highland	27,258	58,264	61,218	0.854	0.873	0.894	128,896	4.3%
Inverclyde	8,462	20,258	21,341	1.175	1.112	1.100	55,943	1.9%
Midlothian	9,036	18,925	17,858	0.880	0.912	0.910	41,449	1.4%
Moray	10,562	23,744	24,702	0.832	0.889	0.892	51,926	1.7%
North Ayrshire	16,321	34,822	33,909	1.064	1.052	1.043	89,366	3.0%
North Lanarkshire	31,535	68,792	58,057	1.207	1.165	1.144	184,646	6.1%
Orkney Islands	2,738	5,525	5,879	0.846	0.888	0.924	12,654	0.4%
Perth & Kinross	17,512	41,119	46,987	0.781	0.831	0.863	88,410	2.9%
Renfrewshire	17,480	40,920	39,533	1.062	1.046	1.035	102,252	3.4%
Scottish Borders	14,762	32,500	33,909	0.788	0.871	0.919	71,127	2.4%
Shetland Islands	2,468	4,865	5,491	0.786	0.838	0.862	10,745	0.4%
South Ayrshire	14,513	32,870	36,127	0.909	0.950	0.956	78,951	2.6%
South Lanarkshire	32,087	72,698	71,645	1.051	1.055	1.029	184,170	6.1%
Stirling	9,387	21,369	21,197	0.850	0.890	0.904	46,165	1.5%
West Dunbartonshire	8,757	19,822	19,922	1.283	1.213	1.191	59,006	2.0%
West Lothian	16,268	31,996	27,742	1.022	1.027	1.008	77,433	2.6%
TOTAL	535,209	1,217,582	1,268,737	1.000	1.000	1.000	3,019,661	100.0%

Note:
- NRS 2014 Mid Year Estimates multiplied by the age band weight calculated in step 6

Note:
- Average of the indices calculated in steps 1-3 & 5
- SMR not used in the 85+ age band

Note:
- Total number is a forced sum to allow 100% allocations

Annex 2: Calculation of Elderly Composite Indices - Residential Accommodation for the Elderly and Services for the Home Based Elderly

FINAL STEP: Calculation of the Residential Accommodation for the Elderly Composite Index

Base Year (2016/17)

Local Authority	Weighted NRS 2014 MYE Population						Combined SMR, LLTI, Live Alone & Ctax Index						Final Residential Care for the Elderly GAE Composite Index	
	65-69	70-74	75-79	80-84	85-89	90+	65-69	70-74	75-79	80-84	85-89	90+	Number	% of Total
Aberdeen City	10,523	18,543	36,407	66,673	87,623	88,809	0.998	0.981	0.979	1.002	0.990	0.992	305,950	3.8%
Aberdeenshire	15,541	26,486	46,128	76,392	97,991	113,035	0.775	0.817	0.854	0.896	0.881	0.896	329,148	4.0%
Angus	8,134	14,726	26,519	46,222	59,436	67,641	0.891	0.895	0.952	0.972	0.994	0.997	217,130	2.7%
Argyll & Bute	6,798	12,574	22,264	36,161	44,707	51,451	0.919	0.912	0.933	0.940	0.957	0.993	166,381	2.0%
Clackmannanshire	3,229	5,725	9,738	14,222	17,155	19,429	1.055	1.033	1.021	1.045	1.069	1.074	73,329	0.9%
Dumfries & Galloway	11,116	21,446	37,917	65,317	77,688	83,712	0.940	0.957	0.961	0.993	1.002	1.002	293,999	3.6%
Dundee City	7,663	13,682	28,378	51,622	66,050	71,899	1.143	1.139	1.102	1.061	1.091	1.076	259,797	3.2%
East Ayrshire	7,604	13,736	24,644	40,507	46,440	50,851	1.056	1.092	1.111	1.086	1.072	1.101	200,147	2.5%
East Dunbartonshire	6,650	12,877	25,357	43,338	53,891	57,147	0.707	0.728	0.760	0.803	0.811	0.825	158,997	2.0%
East Lothian	6,033	11,427	20,317	36,293	45,429	47,793	0.862	0.923	0.911	0.942	0.959	0.990	159,327	2.0%
East Renfrewshire	5,226	9,823	19,266	34,199	43,465	51,691	0.706	0.741	0.775	0.798	0.802	0.845	131,728	1.6%
Edinburgh (City of)	22,291	39,265	77,660	143,790	193,759	226,011	0.927	0.902	0.897	0.914	0.919	0.933	646,231	7.9%
Eilean Siar	1,968	3,763	6,750	11,299	16,144	18,350	1.071	1.021	1.065	1.059	1.054	1.047	61,326	0.8%
Falkirk	9,049	16,320	30,851	47,710	56,923	63,084	1.029	1.034	1.028	1.049	1.054	1.036	233,307	2.9%
Fife	23,296	41,503	74,119	120,639	156,763	169,343	0.978	0.970	0.979	1.017	1.018	1.022	590,955	7.3%
Glasgow City	24,766	46,650	93,229	162,661	196,907	220,734	1.376	1.316	1.212	1.119	1.080	1.057	836,644	10.3%
Highland	15,517	28,711	48,745	84,912	103,710	115,614	0.872	0.904	0.891	0.920	0.934	0.942	366,788	4.5%
Inverclyde	4,744	9,092	17,119	29,116	35,119	42,456	1.153	1.157	1.101	1.090	1.077	1.075	150,026	1.8%
Midlothian	5,280	9,185	16,516	25,956	30,902	32,382	0.934	0.964	0.956	1.007	0.997	1.004	119,029	1.5%
Moray	5,957	11,261	20,201	33,804	42,685	44,914	0.907	0.929	0.973	0.987	1.008	1.010	157,258	1.9%
North Ayrshire	9,183	17,455	29,623	49,580	57,068	64,823	1.069	1.070	1.080	1.040	1.048	1.055	240,256	3.0%
North Lanarkshire	17,890	33,367	59,966	94,512	103,565	98,824	1.179	1.149	1.134	1.118	1.093	1.072	452,237	5.6%
Orkney Islands	1,480	3,076	4,819	7,585	9,993	11,034	0.948	0.960	0.977	1.013	1.080	1.051	39,135	0.5%
Perth & Kinross	9,975	18,431	34,437	59,839	79,075	89,829	0.819	0.814	0.846	0.882	0.903	0.925	259,553	3.2%
Renfrewshire	9,896	18,546	35,151	57,455	68,100	72,319	1.059	1.053	1.063	1.021	1.032	1.019	269,997	3.3%
Scottish Borders	8,478	15,367	27,709	46,130	58,281	62,304	0.862	0.873	0.935	0.962	1.022	1.030	214,715	2.6%
Shetland Islands	1,377	2,668	4,249	6,663	9,444	10,074	0.938	0.883	0.920	0.994	1.024	1.014	34,056	0.4%
South Ayrshire	8,148	15,565	28,063	46,565	59,551	71,659	0.909	0.909	0.943	0.959	0.952	0.964	218,443	2.7%
South Lanarkshire	18,081	34,250	61,520	104,283	124,619	128,567	1.036	1.023	1.039	1.031	1.016	0.970	476,541	5.9%
Stirling	5,258	10,097	18,402	29,893	36,534	38,738	0.841	0.869	0.881	0.919	0.917	0.904	125,379	1.5%
West Dunbartonshire	5,046	9,075	16,798	28,379	34,368	36,339	1.205	1.204	1.171	1.101	1.085	1.089	144,772	1.8%
West Lothian	9,377	16,851	28,550	42,390	47,711	50,911	1.051	1.053	1.073	1.050	1.051	1.032	205,423	2.5%
TOTAL	305,574	561,543	1,031,411	1,744,110	2,161,096	2,371,766	1.000	1.000	1.000	1.000	1.000	1.000	8,138,008	100.0%

Note:
- NRS 2014 Mid Year Estimates multiplied by the age band weight calculated in step 7

Note:
- Average of the indices calculated in steps 1-4
- SMR not used in the 85+ age bands

Note:
- Total number is a forced sum to allow 100% allocations

Annex 3: Calculation of Residential Care for Children Composite Index

STEP 1: Construction of Children in Lone Parent Families Index

Local Authority	2011 Census Day Population Aged 0-15	Number of 0-15 Year Olds Living in Lone Parent Family	Rate	Index
Aberdeen City	32,135	7,098	0.2209	0.7916
Aberdeenshire	47,389	6,948	0.1466	0.5255
Angus	20,258	4,843	0.2391	0.8568
Argyll & Bute	14,435	3,466	0.2401	0.8606
Clackmannanshire	9,333	2,651	0.2840	1.0180
Dumfries & Galloway	25,164	5,668	0.2252	0.8073
Dundee City	23,704	9,526	0.4019	1.4403
East Ayrshire	21,599	6,128	0.2837	1.0168
East Dunbartonshire	18,714	3,907	0.2088	0.7482
East Lothian	18,628	3,952	0.2122	0.7604
East Renfrewshire	17,901	3,569	0.1994	0.7146
Edinburgh (City of)	72,202	19,991	0.2769	0.9923
Eilean Siar	4,678	974	0.2082	0.7462
Falkirk	28,377	7,154	0.2521	0.9035
Fife	64,397	17,093	0.2654	0.9513
Glasgow City	95,627	40,506	0.4236	1.5181
Highland	41,398	9,807	0.2369	0.8490
Inverclyde	13,732	5,117	0.3726	1.3355
Midlothian	15,603	3,942	0.2526	0.9055
Moray	17,044	3,468	0.2035	0.7292
North Ayrshire	24,483	8,007	0.3270	1.1721
North Lanarkshire	64,882	20,976	0.3233	1.1587
Orkney Islands	3,626	687	0.1895	0.6790
Perth & Kinross	25,175	5,341	0.2122	0.7604
Renfrewshire	30,703	9,973	0.3248	1.1642
Scottish Borders	19,341	3,934	0.2034	0.7290
Shetland Islands	4,471	717	0.1604	0.5748
South Ayrshire	18,380	4,965	0.2701	0.9681
South Lanarkshire	55,484	15,698	0.2829	1.0140
Stirling	16,015	3,626	0.2264	0.8115
West Dunbartonshire	16,000	6,132	0.3833	1.3736
West Lothian	35,453	9,809	0.2767	0.9916
TOTAL	916,331	255,673	0.2790	1.0000

Notes:

- The number of children in lone parent households are calculated using Census relationship information. The algorithm puts a husband and wife together as a couple, it puts partners together as a couple and parents to child(ren) within a household. Any family created in the algorithm with only one parent will be classified as a lone parent family. If there was no parent (mother/father) present on the census form the child(ren) would be linked to a grandparent also as a lone parent family. This excludes lone parents living in households with the child(ren)'s grandparents and other relations. Child(ren) not linked to any carer are also included.

Source: NRS 2011 Census of Population.

Annex 3: Calculation of Residential Care for Children Composite Index

STEP 2: Construction of Number of Dependants of Income Support / Job Seekers Allowance Claimants Index

Local Authority	Population Aged 0-15	IS & JSA Dependants	Rate	Index
Aberdeen City	33,511	2,560	0.0764	0.6894
Aberdeenshire	48,669	1,950	0.0401	0.3616
Angus	19,676	1,540	0.0783	0.7063
Argyll & Bute	13,574	990	0.0729	0.6581
Clackmannanshire	9,087	1,410	0.1552	1.4002
Dumfries & Galloway	23,927	2,470	0.1032	0.9315
Dundee City	23,716	3,920	0.1653	1.4915
East Ayrshire	21,169	3,050	0.1441	1.3001
East Dunbartonshire	18,384	1,020	0.0555	0.5007
East Lothian	18,807	1,700	0.0904	0.8157
East Renfrewshire	18,203	830	0.0456	0.4115
Edinburgh (City of)	75,329	7,190	0.0954	0.8613
Eilean Siar	4,431	210	0.0474	0.4277
Falkirk	28,288	3,230	0.1142	1.0304
Fife	64,070	8,140	0.1270	1.1465
Glasgow City	96,707	17,310	0.1790	1.6152
Highland	40,126	3,180	0.0793	0.7151
Inverclyde	13,143	1,850	0.1408	1.2702
Midlothian	16,365	1,970	0.1204	1.0863
Moray	16,591	1,070	0.0645	0.5820
North Ayrshire	23,369	4,050	0.1733	1.5639
North Lanarkshire	63,556	8,550	0.1345	1.2139
Orkney Islands	3,508	120	0.0342	0.3087
Perth & Kinross	24,462	1,660	0.0679	0.6124
Renfrewshire	29,976	3,590	0.1198	1.0807
Scottish Borders	19,071	1,480	0.0776	0.7003
Shetland Islands	4,307	180	0.0418	0.3771
South Ayrshire	17,833	1,950	0.1093	0.9867
South Lanarkshire	54,888	6,290	0.1146	1.0341
Stirling	15,527	1,150	0.0741	0.6683
West Dunbartonshire	15,698	2,700	0.1720	1.5521
West Lothian	35,073	3,650	0.1041	0.9391
TOTAL	911,041	100,960	0.1108	1.0000

Notes:

- Population Data: NRS Mid Year Estimates 2014
- Income Support Dependants: DWP 2014, DWP WPLS 100% data and HMRC Child Benefit administrative data.

Annex 3: Calculation of Residential Care for Children Composite Index

FINAL STEP: Calculation of Residential Care for Children Composite Index

Base Year (2016/17)			Final Residential Care for Children Composite Index	
Local Authority	NRS 2014 MYE Population Aged 0-15	Lone Parent / IS/JSA Dependents Composite Index	Number	% of Total
Aberdeen City	33,511	0.7405	24,815	2.7%
Aberdeenshire	48,669	0.4435	21,585	2.4%
Angus	19,676	0.7815	15,378	1.7%
Argyll & Bute	13,574	0.7593	10,307	1.1%
Clackmannanshire	9,087	1.2091	10,987	1.2%
Dumfries & Galloway	23,927	0.8694	20,802	2.3%
Dundee City	23,716	1.4659	34,766	3.8%
East Ayrshire	21,169	1.1585	24,524	2.7%
East Dunbartonshire	18,384	0.6245	11,480	1.3%
East Lothian	18,807	0.7880	14,820	1.6%
East Renfrewshire	18,203	0.5630	10,248	1.1%
Edinburgh (City of)	75,329	0.9268	69,816	7.7%
Eilean Siar	4,431	0.5869	2,601	0.3%
Falkirk	28,288	0.9670	27,353	3.0%
Fife	64,070	1.0489	67,202	7.4%
Glasgow City	96,707	1.5667	151,507	16.6%
Highland	40,126	0.7821	31,382	3.4%
Inverclyde	13,143	1.3028	17,123	1.9%
Midlothian	16,365	0.9959	16,297	1.8%
Moray	16,591	0.6556	10,877	1.2%
North Ayrshire	23,369	1.3680	31,969	3.5%
North Lanarkshire	63,556	1.1863	75,397	8.3%
Orkney Islands	3,508	0.4939	1,732	0.2%
Perth & Kinross	24,462	0.6864	16,790	1.8%
Renfrewshire	29,976	1.1224	33,646	3.7%
Scottish Borders	19,071	0.7146	13,629	1.5%
Shetland Islands	4,307	0.4759	2,050	0.2%
South Ayrshire	17,833	0.9774	17,431	1.9%
South Lanarkshire	54,888	1.0241	56,208	6.2%
Stirling	15,527	0.7399	11,488	1.3%
West Dunbartonshire	15,698	1.4628	22,963	2.5%
West Lothian	35,073	0.9653	33,858	3.7%
TOTAL	911,041	1.0000	911,033	100.0%

Notes:
 - Population Data: NRS 2014 Mid Year Estimates
 - Composite Index is the average of the indices calculated in steps 1 and 2 - this is also feeds into Childcare Strategy GAE
 - Total number is a forced sum to allow 100% allocations

Annex 4: Teachers Remoteness and Distant Islands Allowance

Local Authority	Estimated Expenditure	Total Population	Contributions	GAE (£000s)
Aberdeen City		228,923	501	-501
Aberdeenshire		260,533	571	-571
Angus	4	116,734	256	-252
Argyll & Bute	167	87,650	192	-25
Clackmannanshire		51,192	112	-112
Dumfries & Galloway	0	149,954	328	-328
Dundee City		148,117	324	-324
East Ayrshire		122,138	267	-267
East Dunbartonshire		106,712	234	-234
East Lothian		102,087	224	-224
East Renfrewshire		92,386	202	-202
Edinburgh (City of)		492,604	1,079	-1,079
Falkirk		157,691	345	-345
Fife		367,256	804	-804
Glasgow City		599,646	1,313	-1,313
Highland	118	233,084	510	-392
Inverclyde		79,897	175	-175
Midlothian		86,217	189	-189
Moray		94,769	208	-208
North Ayrshire		136,476	299	-299
North Lanarkshire		338,007	740	-740
Perth & Kinross		148,923	326	-326
Renfrewshire		174,229	382	-382
Scottish Borders	8	114,043	250	-242
South Ayrshire		112,535	246	-246
South Lanarkshire		315,301	691	-691
Stirling		91,522	200	-200
West Dunbartonshire		89,712	196	-196
West Lothian		177,191	388	-388
TOTAL	297	5,275,529	11,554	-11,257
Eilean Siar	3,494	27,254	113	3,381
Orkney Islands	3,480	21,589	89	3,391
Shetland Islands	4,581	23,228	96	4,485
TOTAL	11,555	72,071	298	11,257

	Estimated Expenditure	Total Population	Total Provisional Outturn	Total Allowance
Mainland Authorities	297	5,275,529	11,570,693	11,554
Island Authorities	11,555	72,071	298,704	298
TOTAL	11,852	5,347,600	11,869,397	11,852

Notes:

- Estimated Expenditure 2015/16. Source: COSLA
- Population Data: NRS Mid-Year Estimates 2014
- Total Provisional Outturn excludes Revenue Contributions to Capital. Source: SG Statistical Support for Local Government, POBE 2015.
- Total Allowance calculation as follows:
Total Allowance = (Total Provisional Outturn for Mainland or Island Authorities / Total Provisional Outturn) * Total Estimated Expenditure
- Contribution calculation as follows:
Contribution = (LA Population / Total Population) * Total Allowance for Mainland or Island Authorities
- GAE calculation as follows:
GAE = Estimated Expenditure - Contribution

Annex 5: Calculation of Special Islands Need Allowance

Base Year (2016/17)

Local Authority	Total GAE	Expenditure & Budget GAEs	SINA Factor A & B Non Expenditure or Budget Based GAEs	SINA Factor B Teacher Remoteness & Distant Islands	SINA Factor A Proportions of Mean GAE per head for each Islander	SINA Factor B 10% Uplift on Total GAE for Non-Mainland LA's	Actual SINA Payment
Aberdeen City	277,322	6,313	271,009	-501			0
Aberdeenshire	383,567	5,169	378,398	-571			0
Angus	174,239	2,197	172,041	-252			0
Argyll & Bute	142,851	3,431	139,420	-25	2,387		2,387
Clackmannanshire	74,555	1,568	72,987	-112			0
Dumfries & Galloway	238,031	3,949	234,082	-328			0
Dundee City	218,798	6,161	212,637	-324			0
East Ayrshire	180,565	2,680	177,884	-267			0
East Dunbartonshire	162,937	2,194	160,744	-234			0
East Lothian	147,488	1,500	145,989	-224			0
East Renfrewshire	153,830	1,261	152,569	-202			0
Edinburgh, City of	609,547	13,026	596,520	-1,079			0
Eilean Siar	55,667	2,072	53,595	3,381	722	5,021	5,743
Falkirk	230,756	4,441	226,315	-345			0
Fife	544,176	7,767	536,409	-804			0
Glasgow City	877,564	42,567	834,997	-1,313			0
Highland	375,574	5,730	369,844	-392	421		421
Inverclyde	120,945	2,810	118,136	-175			0
Midlothian	128,248	1,446	126,802	-189			0
Moray	137,437	1,713	135,724	-208			0
North Ayrshire	211,799	4,322	207,477	-299	761		761
North Lanarkshire	510,574	9,475	501,099	-740			0
Orkney Islands	49,440	8,972	40,468	3,391	2,089	3,708	5,797
Perth & Kinross	217,200	3,584	213,615	-326			0
Renfrewshire	255,525	4,629	250,895	-382			0
Scottish Borders	176,283	2,003	174,280	-242			0
Shetland Islands	57,939	11,379	46,560	4,485	1,508	4,208	5,715
South Ayrshire	169,493	2,081	167,412	-246			0
South Lanarkshire	474,392	7,899	466,493	-691			0
Stirling	138,417	2,435	135,982	-200			0
West Dunbartonshire	139,951	1,449	138,502	-196			0
West Lothian	266,054	5,555	260,500	-388			0
Scotland	7,901,165	181,779	7,719,386	0	7,887	12,937	20,824

Island Populations by band

Local Authority	<875	875-1750	1750-7000
Eilean Siar	0	1,264	4,846
Orkney	2,866	0	0
Shetland	1,258	2,027	0
Argyll & Bute	2,022	0	12,526
Highland	577	0	0
North Ayrshire	31	1,376	4,629

Scotland Population	5,295,403
Average Non-Expenditure or Budget Based GAE per head	1.458
50% weight for islands with population <875	0.729
20% weight for islands with population 875-1,750	0.292
5% weight for islands with populations 1750-7000	0.073

Notes:

- Expenditure & Budget GAEs include: Residual FE Travel, Support for Ferries, Support for Airports & Harbours, Tourism, Museums & Galleries, Planning & Economic Development, Non-Road Lighting, Supported Employment, Admin of Housing Improvement Grants & Loans, Trading Services, Coast Protection, Flood Prevention.
- SINA Factor A & B = Total GAE - Expenditure & Budget Based GAEs
- Islands and Scotland Population: NRS Census Day Population 2011
- Average Non-Expenditure or Budget Based GAE per head = Non Expenditure or Budget Based GAE per head / Population
- SINA Factor A is the sum of population band multiplied by corresponding weight. For example, Argyll & Bute = (2022 x 0.729) + (0 x 0.292) + (12526 x 0.073) = 2,387
- SINA Factor B equals 10% uplift of Island authorities GAE, after deducting expenditure and budget based assessments and teachers remoteness & distant islands allowance.

Annex 6: Importance of Indicators within the GAE Settlement

Primary Indicators - Distributional Effect

Indicator	Grant Aided Expenditure	
	£000s	Share (%)
All Pupil Primary Indicators	3,026,151	38.30%
All Population Primary Indicators	1,846,448	23.37%
Secondary Sector Pupils	1,141,745	14.45%
All School Pupils	907,192	11.48%
Primary Sector Pupils	902,523	11.42%
Residential Accommodation for the Elderly Composite Indicator	562,900	7.12%
Services for Home Base Elderly Composite Indicator	550,079	6.96%
Population Aged 16-64	432,555	5.47%
Total Population	337,737	4.27%
Community & Residential Care for Children Composite Indicator	327,681	4.15%
Total Education GAE (excluding NPAF and FEF)	315,428	3.99%
Weighted Road Lane Length	296,908	3.76%
Population Aged 2-19	243,588	3.08%
Adjusted Population (Parks & Remainder of Leisure)	188,462	2.39%
Adjusted Population (Waste Disposal & Eviro Health)	180,351	2.28%
Pre-School Provision for 4 Year Olds	155,177	1.96%
Total Dwellings	131,105	1.66%
Adjusted Population (Sports Facilities & Swimming Pools)	85,839	1.09%
Adjusted Population (Libraries)	85,412	1.08%
Pupils Taking Meals	74,691	0.95%
Adjusted Population (Street Cleaning)	69,022	0.87%
Urban Lane Length	68,474	0.87%
Weighted Free School Meals Registration	59,005	0.75%
Population Aged 5-15	54,853	0.69%
Population Aged Under 5	54,141	0.69%
Selected Social Work GAEs for General Administration	51,899	0.66%
Population Aged 3&4	26,215	0.33%
Population Aged 60+	24,722	0.31%
Non-Domestic Rateable Subjects	22,461	0.28%
Population Aged 0-14	21,225	0.27%
Population Aged 0-3	18,920	0.24%
Homeless & Threatened with Homelessness Applications	16,579	0.21%
Area of Maintained Burial Ground	13,009	0.16%
Population Living in Settlements of less than 1,000	9,591	0.12%
Number of Ethnic Minority Pupils	8,317	0.11%
Number of Education Establishments	7,587	0.10%
Population Aged 3&4 Living in Settlements of less than 1,000	7,518	0.10%
Minimum Payments	5,783	0.07%
Building Control Warrants	5,333	0.07%
Number of Current Income Deprived	4,278	0.05%
Population (excl those living in national parks)	3,980	0.05%
Length of Off-Road Paths (excl national parks)	3,980	0.05%
Population Aged 17+	2,317	0.03%
Weighted Aids & HIV+ Cases	1,729	0.02%
Cremations in Local Authority Owned Crematoria	417	0.01%
SG Department Allocations	203,145	2.57%
Previous Settlement Shares Rolled Forward	21,275	0.27%
TOTAL	7,705,148	97.52%

Budget Based, Actual Expenditure and Share of Specific Grant Based GAEs

Indicator	Grant Aided Expenditure	
	£000s	Share (%)
Gaelic	5,570	0.07%
Residual FE Travel & Bursaries	5,492	0.07%
Ferries	13,027	0.16%
Airports, Harbours	3,035	0.04%
Glasgow Underground - Share of SPTA Population	8,668	0.11%
Tourism	12,374	0.16%
Museums & Art Galleries	29,786	0.38%
Planning & Economic Development	90,728	1.15%
Non-Road Lighting	7,461	0.09%
Supported Employment	8,350	0.11%
Admin of Housing Improvement Grants & Loans	4,493	0.06%
Trading Services	1,384	0.02%
Coast Protection	758	0.01%
Flood Prevention	4,891	0.06%
TOTAL	196,017	2.48%
GAE TOTAL	7,901,165	100.00%

Annex 6: Importance of Indicators within the GAE Settlement

Secondary Indicators - Redistributive Effect

INDICATOR	GAE Redistributed by Indicator (% of total GAE)
Percentage of Pupils in Small Rural Schools	0.36%
Island Local Authority Adjustment	0.04%
Population Dispersion	0.15%
Income Support Dependents per 1,000 Aged 0-19	0.07%
Urban Settlement Pattern	0.11%
Hostel Places per 1,000 Pupils	0.08%
No of Body Type - Car Licences per Km Unweighted Lane Length	0.58%
Road Density/Area Deprivation	0.09%
Rural Settlement Pattern	0.04%
TOTAL	1.52%

Secondary Indicators - Redistributive Effect by Individual Assessment

Service	Secondary Indicator	Amount Redistributed (£000)	Amount Redistributed (as % of service GAE)
Primary School Teaching Staff	Percentage of Pupils in Small Rural Schools	28,620	3.17%
Secondary School Teaching Staff	Island Local Authority Adjustment	3,218	0.28%
School Transport	Population Dispersion	9,236	16.84%
School Meals	Income Support Dependents per 1,000 Aged 0-19	3,559	4.77%
School Hostels & Clothing	Hostel Places per 1,000 Pupils	5,956	22.06%
School Hostels & Clothing	Income Support Dependents per 1,000 Aged 0-19	1,863	6.90%
Road Maintenance	No of Body Type - Car Licences per Km Unweighted Lane Length	39,055	20.00%
Winter Maintenance	No of Body Type - Car Licences per Km Unweighted Lane Length	6,731	10.37%
Parks & Open Spaces	Urban Settlement Pattern	8,192	6.34%
Waste Collection	Population Dispersion	2,824	3.43%
Street Cleaning	Road Density/Area Deprivation	7,018	10.17%
Environmental Health	Rural Settlement Pattern	1,296	1.90%
Consumer Protection	Rural Settlement Pattern	1,530	8.54%
School Crossing Patrols	Urban Settlement Pattern	802	6.14%
TOTAL		119,900	1.52%

Annex 7: Example Calculations¹

Example 1: A GAE line based on a single primary indicator		
Aberdeen City Nursery School Teaching Staff GAE, 2016-17		
Total GAE for Nursery School Teaching Staff (£000s):		£26,215
Primary indicator:	Population Aged 3 and 4 (2014 Mid Year Estimates)	
Number of children aged 3 and 4 in Scotland:		119,287
Number of children aged 3 & 4 in Aberdeen City:		4,749
Percentage of children aged 3 & 4 in Aberdeen City:	$\frac{4,749}{119,287} \times 100$	4.0%
Aberdeen City's GAE for Nursery School Teaching Staff is calculated by multiplying its share of children aged 3 and 4 by Total GAE for this sub-service (£000s):		
	26,215 x 4.0%	£1,044

Example 2: A GAE line based on a primary indicator and a secondary indicator		
Highland Primary School Teaching Staff GAE, 2016-17		
Total GAE for Primary School Teaching Staff (£000s):		£902,523
Primary indicator (PI):	Primary Sector Pupils from 2015 Pupil Census	
Secondary indicator (SI):	Percentage of pupils in small schools (Education ASD)	
Number of primary sector pupils in Scotland:		393,244
Number of primary sector pupils in Highland:		17,312
Percentage of primary sector pupils in Highland:	$\frac{17,312}{393,244} \times 100$	4.4%
Primary indicator effect:	902,523 x 4.4%	39,732
Secondary indicator in Highland:		17.45%
Coefficient ² :		0.0305
Weighted mean (Wt mean):		4.24%
Formula for the secondary indicator effect:	(PI x coefficient) x (SI – Wt Mean SI)	
The secondary indicator effect for Highland:	(17,312 x 0.0305) x (17.45% - 4.24%)	
		6,972
Highland's GAE for Primary School Teaching Staff is the sum of GAE assessments based on the PI plus GAE assessments based on the SI (£000s):		
	39,732 + 6,972	£46,705

¹ Rounded totals and coefficients are shown in these example calculations

² Derived mathematically from relationship between past expenditure per primary indicator and the secondary indicator

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