

Notes

The spreadsheet presents aggregated information about the duration of the assessment presentations for AY2017-18.

The statistics for the full year include all presentations that lasted a minimum of 10 minutes and a maximum of 120 minutes.

The rationale for these limitations is as follows:

- * a presentation of less than 10 minutes is unlikely to have been a serious attempt;

- * a presentation of more than 120 minutes is likely to have included substantial pauses, which would make the 'duration' figure misleading .

The tab <**Duration Summary AY2018-19**> shows average duration per assessment for SNSA presentations across AY2017-18.

The following 11 tabs - <**Duration P1N**>, <**Duration P1L**> etc. - show duration statistics for each of the 11 assessments respectively, including

- * mean, standard deviation and number for each local authority; and

- * mean, median, standard deviation, minimum and maximum duration, and duration by percentile for the national cohort.

The final sheet <**Duration Summary to 22.03.18**> presents an earlier extract, showing summary information on duration per assessment for all

assessments taken in AY2017-18 up to 22/03/18. Please note that the time limitations for duration statistics recorded on this sheet is a minimum of 10 minutes and a maximum of 180 minutes.

Duration Summary

Form	Average duration per form (in minutes)	# of valid cases (completed in minimum of 10 min and maximum of 120 min)	total # of cases	% of those who completed within this duration (minimum of 10 min and maximum of 120 min)
P1 Numeracy	22	49229	55083	89
P1 Literacy*	27	47950	55280	87
P4 Numeracy	26	48907	56510	87
P4 Reading	30	46321	56346	82
P4 Writing	21	45340	56454	80
P7 Numeracy	33	46831	53770	87
P7 Reading	37	44716	53604	83
P7 Writing	19	42499	53449	80
S3 Numeracy	30	38841	46928	83
S3 Reading	31	35040	46867	75
S3 Writing	18	35853	46585	77
Total #		481527	580876	83

* Breakdown by local authority in tab named 'Duration_P1L'

* Breakdown by percentiles in tab named 'Duration_P1L'

Duration P1 Numeracy

Report

valid_duration

LocalAuthorityID	Mean	Std. Deviation	N
Argyll and Bute	26	16	675
West Dunbartonshire	24	16	931
East Dunbartonshire	20	13	1136
North Lanarkshire	21	13	3228
Renfrewshire	19	11	1720
Glasgow City	24	15	4700
North Ayrshire	21	14	1204
East Renfrewshire	22	15	1209
South Lanarkshire	25	17	3000
South Ayrshire	21	12	990
East Ayrshire	28	19	1150
Inverclyde	22	12	695
Aberdeen City	21	13	1942
Aberdeenshire	20	11	2773
Angus	19	10	991
Clackmannanshire	20	10	546
Dumfries and Galloway	20	11	1303
Dundee City	19	11	1296
The City of Edinburgh	21	13	4144
Falkirk	19	10	1557
Fife	19	11	3511
East Lothian	20	12	1091
The Highland	25	17	1983
Midlothian	22	14	1023
Moray	22	13	889
Perth and Kinross	23	13	1226
Scottish Borders	21	12	983
Stirling	23	14	812
West Lothian	21	12	1973
Orkney Islands	28	18	170
Shetland Islands	23	16	236
Eileanan Siar	28	18	142
Total	22	14	49229

Statistics

valid_duration		
N	Valid	49322
	Missing	5761
Mean		22 minutes
Median		18 minutes
Std. Deviation		14 minutes
Minimum		11 minutes
Maximum		119 minutes
Percentiles	5	12 minutes
	10	13 minutes
	15	13 minutes
	20	14 minutes
	25	15 minutes
	30	15 minutes
	35	16 minutes
	40	17 minutes
	45	17 minutes
	50	18 minutes
	55	19 minutes
	60	20 minutes
	65	21 minutes
	70	22 minutes
	75	23 minutes
	80	25 minutes
	85	27 minutes
	90	32 minutes
	95	43 minutes

Duration P1 Literacy

Report

valid_duration

LocalAuthorityID	Mean	Std. Deviation	N
Argyll and Bute	33	20	640
West Dunbartonshire	29	19	857
East Dunbartonshire	26	16	1093
North Lanarkshire	26	16	3309
Renfrewshire	24	15	1776
Glasgow City	30	20	4467
North Ayrshire	25	16	1222
East Renfrewshire	30	23	1137
South Lanarkshire	30	19	2840
South Ayrshire	29	16	984
East Ayrshire	28	15	1079
Inverclyde	31	19	669
Aberdeen City	25	16	1882
Aberdeenshire	27	16	2665
Angus	24	15	1028
Clackmannanshire	23	13	561
Dumfries and Galloway	26	15	1322
Dundee City	23	13	1378
The City of Edinburgh	26	18	3949
Falkirk	24	14	1599
Fife	25	16	3486
East Lothian	26	17	1013
The Highland	29	20	1816
Midlothian	28	18	1046
Moray	29	18	840
Perth and Kinross	29	20	1165
Scottish Borders	26	15	1030
Stirling	29	17	773
West Lothian	28	18	1847
Orkney Islands	35	21	137
Shetland Islands	31	20	220
Eileanan Siar	32	17	120
Total	27	17	47950

Statistics

valid_duration		
N	Valid	48048
	Missing	7232
Mean		27 minutes
Median		22 minutes
Std. Deviation		17 minutes
Minimum		11 minutes
Maximum		119 minutes
Percentiles	5	13 minutes
	10	14 minutes
	15	15 minutes
	20	16 minutes
	25	17 minutes
	30	18 minutes
	35	19 minutes
	40	20 minutes
	45	21 minutes
	50	22 minutes
	55	23 minutes
	60	25 minutes
	65	26 minutes
	70	28 minutes
	75	30 minutes
	80	33 minutes
	85	37 minutes
	90	44 minutes
	95	65 minutes

Duration P4 Numeracy

Report

valid_duration

LocalAuthorityID	Mean	Std. Deviation	N
Argyll and Bute	28	17	732
West Dunbartonshire	26	16	883
East Dunbartonshire	27	15	1201
North Lanarkshire	25	16	3353
Renfrewshire	25	15	1640
Glasgow City	27	18	4619
North Ayrshire	25	15	1235
East Renfrewshire	24	14	1191
South Lanarkshire	26	18	3084
South Ayrshire	26	16	983
East Ayrshire	25	17	1047
Inverclyde	24	15	657
Aberdeen City	28	18	1709
Aberdeenshire	28	18	2618
Angus	28	18	1047
Clackmannanshire	25	14	511
Dumfries and Galloway	23	14	1363
Dundee City	27	17	1275
The City of Edinburgh	26	16	3921
Falkirk	24	15	1660
Fife	28	16	3714
East Lothian	26	17	1033
The Highland	27	18	1964
Midlothian	29	18	880
Moray	26	15	866
Perth and Kinross	29	18	1329
Scottish Borders	26	17	1004
Stirling	26	15	867
West Lothian	30	20	1942
Orkney Islands	27	17	204
Shetland Islands	22	9	238
Eileanan Siar	25	10	137
Total	26	17	48907

Statistics

valid_duration		48983
N	Valid	
	Missing	7527
Mean		26 minutes
Median		21 minutes
Std. Deviation		17 minutes
Minimum		11 minutes
Maximum		119 minutes
Percentiles	5	12 minutes
	10	13 minutes
	15	14 minutes
	20	15 minutes
	25	16 minutes
	30	17 minutes
	35	18 minutes
	40	19 minutes
	45	20 minutes
	50	21 minutes
	55	23 minutes
	60	24 minutes
	65	26 minutes
	70	27 minutes
	75	30 minutes
	80	33 minutes
	85	37 minutes
	90	43 minutes
	95	60 minutes

Duration P4 Reading

Report

valid_duration

LocalAuthorityID	Mean	Std. Deviation	N
Argyll and Bute	31	18	689
West Dunbartonshire	34	23	814
East Dunbartonshire	34	20	1108
North Lanarkshire	29	19	3244
Renfrewshire	29	16	1635
Glasgow City	30	19	4298
North Ayrshire	30	18	1190
East Renfrewshire	30	19	1189
South Lanarkshire	29	19	2896
South Ayrshire	29	18	954
East Ayrshire	30	22	962
Inverclyde	27	15	655
Aberdeen City	31	19	1625
Aberdeenshire	31	19	2463
Angus	31	18	978
Clackmannanshire	29	15	467
Dumfries and Galloway	27	16	1258
Dundee City	30	18	1152
The City of Edinburgh	28	16	3852
Falkirk	26	15	1590
Fife	29	17	3393
East Lothian	29	18	989
The Highland	30	18	1857
Midlothian	33	20	825
Moray	30	20	793
Perth and Kinross	33	20	1236
Scottish Borders	27	16	936
Stirling	29	17	834
West Lothian	32	20	1863
Orkney Islands	29	16	187
Shetland Islands	28	16	255
Eileanan Siar	32	17	134
Total	30	18	46321

Statistics

valid_duration		
N	Valid	46399
	Missing	9947
Mean		30 minutes
Median		25 minutes
Std. Deviation		18 minutes
Minimum		11 minutes
Maximum		119 minutes
Percentiles	5	13 minutes
	10	15 minutes
	15	16 minutes
	20	17 minutes
	25	18 minutes
	30	20 minutes
	35	21 minutes
	40	22 minutes
	45	23 minutes
	50	25 minutes
	55	26 minutes
	60	27 minutes
	65	29 minutes
	70	31 minutes
	75	34 minutes
	80	37 minutes
	85	42 minutes
	90	50 minutes
	95	70 minutes

Duration P4 Writing

Report

valid_duration

LocalAuthorityID	Mean	Std. Deviation	N
Argyll and Bute	23	17	688
West Dunbartonshire	22	14	831
East Dunbartonshire	22	14	1165
North Lanarkshire	20	14	2994
Renfrewshire	21	14	1505
Glasgow City	21	14	4185
North Ayrshire	22	14	1158
East Renfrewshire	18	11	1056
South Lanarkshire	22	17	2840
South Ayrshire	19	12	875
East Ayrshire	22	17	967
Inverclyde	21	15	575
Aberdeen City	21	15	1653
Aberdeenshire	22	16	2538
Angus	23	16	976
Clackmannanshire	19	10	479
Dumfries and Galloway	18	12	1111
Dundee City	21	15	1190
The City of Edinburgh	20	14	3579
Falkirk	19	10	1443
Fife	20	13	3519
East Lothian	19	10	988
The Highland	22	14	1864
Midlothian	24	19	886
Moray	20	13	848
Perth and Kinross	22	14	1289
Scottish Borders	21	13	906
Stirling	20	13	807
West Lothian	22	14	1864
Orkney Islands	19	9	185
Shetland Islands	18	10	244
Eileanan Siar	21	10	132
Total	21	14	45340

Statistics

valid_duration		
N	Valid	45417
	Missing	11037
Mean		21 minutes
Median		17 minutes
Std. Deviation		14 minutes
Minimum		11 minutes
Maximum		119 minutes
Percentiles	5	11 minutes
	10	12 minutes
	15	12 minutes
	20	13 minutes
	25	14 minutes
	30	14 minutes
	35	15 minutes
	40	15 minutes
	45	16 minutes
	50	17 minutes
	55	18 minutes
	60	19 minutes
	65	20 minutes
	70	21 minutes
	75	22 minutes
	80	24 minutes
	85	27 minutes
	90	32 minutes
	95	46 minutes

Duration P7 Numeracy

Report

valid_duration

LocalAuthorityID	Mean	Std. Deviation	N
Argyll and Bute	36	21	730
West Dunbartonshire	34	19	874
East Dunbartonshire	36	18	1067
North Lanarkshire	29	18	3262
Renfrewshire	35	21	1650
Glasgow City	34	19	4072
North Ayrshire	31	17	1259
East Renfrewshire	37	22	1135
South Lanarkshire	34	20	3073
South Ayrshire	31	18	988
East Ayrshire	37	24	1040
Inverclyde	31	18	618
Aberdeen City	34	17	1521
Aberdeenshire	34	18	2494
Angus	31	16	1051
Clackmannanshire	31	14	456
Dumfries and Galloway	27	15	1448
Dundee City	32	17	1192
The City of Edinburgh	34	17	3536
Falkirk	30	15	1522
Fife	34	18	3502
East Lothian	32	16	1045
The Highland	33	19	2058
Midlothian	38	20	803
Moray	31	15	772
Perth and Kinross	36	19	1164
Scottish Borders	32	17	1011
Stirling	33	18	814
West Lothian	36	19	1936
Orkney Islands	29	14	242
Shetland Islands	33	19	227
Eileanan Siar	31	17	269
Total	33	18	46831

Statistics

valid_duration		
N	Valid	46930
	Missing	6840
Mean		33 minutes
Median		28 minutes
Std. Deviation		18 minutes
Minimum		11 minutes
Maximum		119 minutes
Percentiles	5	15 minutes
	10	17 minutes
	15	19 minutes
	20	20 minutes
	25	21 minutes
	30	23 minutes
	35	24 minutes
	40	25 minutes
	45	27 minutes
	50	28 minutes
	55	30 minutes
	60	32 minutes
	65	33 minutes
	70	36 minutes
	75	38 minutes
	80	42 minutes
	85	47 minutes
	90	54 minutes
	95	72 minutes

Duration P7 Reading

Report

valid_duration

LocalAuthorityID	Mean	Std. Deviation	N
Argyll and Bute	38	19	662
West Dunbartonshire	37	20	758
East Dunbartonshire	43	20	1092
North Lanarkshire	34	20	3181
Renfrewshire	36	19	1599
Glasgow City	38	21	3876
North Ayrshire	35	20	1236
East Renfrewshire	38	19	1107
South Lanarkshire	37	19	2889
South Ayrshire	34	17	978
East Ayrshire	39	23	964
Inverclyde	36	22	615
Aberdeen City	36	17	1477
Aberdeenshire	38	19	2396
Angus	37	19	993
Clackmannanshire	37	18	436
Dumfries and Galloway	32	18	1343
Dundee City	36	17	1073
The City of Edinburgh	36	18	3421
Falkirk	34	18	1497
Fife	38	19	3310
East Lothian	33	14	993
The Highland	39	21	2001
Midlothian	43	22	728
Moray	36	20	712
Perth and Kinross	39	20	1128
Scottish Borders	35	16	965
Stirling	36	18	795
West Lothian	39	19	1806
Orkney Islands	34	15	242
Shetland Islands	38	18	196
Eileanan Siar	35	16	247
Total	37	19	44716

Statistics

valid_duration

N	Valid	Missing
	44796	8808
Mean	37 minutes	
Median	32 minutes	
Std. Deviation	19 minutes	
Minimum	11 minutes	
Maximum	119 minutes	
Percentiles		
5	16 minutes	
10	19 minutes	
15	21 minutes	
20	23 minutes	
25	25 minutes	
30	26 minutes	
35	28 minutes	
40	29 minutes	
45	31 minutes	
50	32 minutes	
55	34 minutes	
60	35 minutes	
65	37 minutes	
70	40 minutes	
75	42 minutes	
80	46 minutes	
85	51 minutes	
90	60 minutes	
95	80 minutes	

Duration P7 Writing

Report

valid_duration

LocalAuthorityID	Mean	Std. Deviation	N
Argyll and Bute	19	12	651
West Dunbartonshire	19	12	747
East Dunbartonshire	19	10	1098
North Lanarkshire	18	13	2706
Renfrewshire	18	12	1428
Glasgow City	20	14	3739
North Ayrshire	18	12	1062
East Renfrewshire	21	15	1044
South Lanarkshire	19	12	2659
South Ayrshire	17	10	804
East Ayrshire	19	11	971
Inverclyde	19	15	521
Aberdeen City	19	12	1446
Aberdeenshire	19	12	2461
Angus	19	12	975
Clackmannanshire	18	6	449
Dumfries and Galloway	17	10	1088
Dundee City	19	11	1101
The City of Edinburgh	18	10	3047
Falkirk	18	12	1247
Fife	20	13	3371
East Lothian	18	10	927
The Highland	20	12	1993
Midlothian	21	14	842
Moray	17	9	708
Perth and Kinross	20	12	1164
Scottish Borders	18	10	887
Stirling	18	11	806
West Lothian	21	13	1915
Orkney Islands	18	9	212
Shetland Islands	19	9	203
Eileanan Siar	19	11	227
Total	19	12	42499

Statistics

valid_duration		
N	Valid	42584
	Missing	10865
Mean		19 minutes
Median		16 minutes
Std. Deviation		12 minutes
Minimum		11 minutes
Maximum		119 minutes
Percentiles	5	11 minutes
	10	12 minutes
	15	12 minutes
	20	12 minutes
	25	13 minutes
	30	13 minutes
	35	14 minutes
	40	15 minutes
	45	15 minutes
	50	16 minutes
	55	16 minutes
	60	17 minutes
	65	18 minutes
	70	19 minutes
	75	20 minutes
	80	22 minutes
	85	24 minutes
	90	27 minutes
	95	37 minutes

Duration S3 Numeracy

Report

valid_duration

LocalAuthorityID	Mean	Std. Deviation	N
Argyll and Bute	26	9	618
West Dunbartonshire	28	9	682
East Dunbartonshire	34	13	1192
North Lanarkshire	24	9	2475
Renfrewshire	31	12	1296
Glasgow City	30	14	2904
North Ayrshire	28	17	1074
East Renfrewshire	34	12	1225
South Lanarkshire	31	15	2640
South Ayrshire	28	11	859
East Ayrshire	39	22	949
Inverclyde	29	13	519
Aberdeen City	30	13	1127
Aberdeenshire	32	12	2081
Angus	31	13	1007
Clackmannanshire	28	9	287
Dumfries and Galloway	26	10	1259
Dundee City	26	10	1049
The City of Edinburgh	32	13	2689
Falkirk	26	10	1372
Fife	28	9	2715
East Lothian	33	12	899
The Highland	28	11	1719
Midlothian	33	15	719
Moray	32	10	702
Perth and Kinross	30	10	1021
Scottish Borders	27	8	900
Stirling	31	13	774
West Lothian	29	12	1555
Orkney Islands	31	10	200
Shetland Islands	31	12	102
Eileanan Siar	29	11	231
Total	30	13	38841

Statistics

valid_duration		
N	Valid	38960
	Missing	7968
Mean		30 minutes
Median		28 minutes
Std. Deviation		13 minutes
Minimum		11 minutes
Maximum		119 minutes
Percentiles	5	14 minutes
	10	17 minutes
	15	19 minutes
	20	20 minutes
	25	22 minutes
	30	23 minutes
	35	24 minutes
	40	25 minutes
	45	26 minutes
	50	28 minutes
	55	29 minutes
	60	30 minutes
	65	32 minutes
	70	33 minutes
	75	35 minutes
	80	37 minutes
	85	40 minutes
	90	44 minutes
	95	53 minutes

Duration S3 Reading

Report

valid_duration

LocalAuthorityID	Mean	Std. Deviation	N
Argyll and Bute	28	8	618
West Dunbartonshire	26	11	431
East Dunbartonshire	36	15	1149
North Lanarkshire	27	11	2206
Renfrewshire	30	11	1157
Glasgow City	32	15	2512
North Ayrshire	30	17	962
East Renfrewshire	34	14	1098
South Lanarkshire	31	15	2396
South Ayrshire	29	10	863
East Ayrshire	33	17	763
Inverclyde	33	15	494
Aberdeen City	32	11	1125
Aberdeenshire	33	12	2000
Angus	34	13	1028
Clackmannanshire	29	13	216
Dumfries and Galloway	27	11	1207
Dundee City	28	10	1016
The City of Edinburgh	33	16	2223
Falkirk	29	15	1181
Fife	28	10	2171
East Lothian	31	13	816
The Highland	30	12	1677
Midlothian	31	12	678
Moray	30	9	627
Perth and Kinross	35	17	983
Scottish Borders	26	10	761
Stirling	34	14	666
West Lothian	31	12	1517
Orkney Islands	31	8	193
Shetland Islands	31	9	97
Eileanan Siar	31	8	209
Total	31	13	35040

Statistics

valid_duration		35145
N	Valid	
	Missing	11722
Mean		31 minutes
Median		29 minutes
Std. Deviation		13 minutes
Minimum		11 minutes
Maximum		119 minutes
Percentiles	5	15 minutes
	10	17 minutes
	15	19 minutes
	20	21 minutes
	25	23 minutes
	30	24 minutes
	35	25 minutes
	40	26 minutes
	45	28 minutes
	50	29 minutes
	55	30 minutes
	60	31 minutes
	65	33 minutes
	70	34 minutes
	75	36 minutes
	80	38 minutes
	85	41 minutes
	90	45 minutes
	95	55 minutes

Duration S3 Writing

Report

valid_duration

LocalAuthorityID	Mean	Std. Deviation	N
Argyll and Bute	16	4	599
West Dunbartonshire	19	7	572
East Dunbartonshire	22	15	1223
North Lanarkshire	17	7	2084
Renfrewshire	19	10	1281
Glasgow City	18	9	2754
North Ayrshire	19	11	934
East Renfrewshire	22	12	1048
South Lanarkshire	18	10	2355
South Ayrshire	17	6	758
East Ayrshire	19	10	896
Inverclyde	19	14	496
Aberdeen City	18	8	1177
Aberdeenshire	18	8	2070
Angus	18	8	980
Clackmannanshire	20	10	248
Dumfries and Galloway	16	6	1039
Dundee City	17	7	949
The City of Edinburgh	19	11	2345
Falkirk	17	11	1047
Fife	17	5	2405
East Lothian	19	9	766
The Highland	17	6	1710
Midlothian	19	8	695
Moray	17	6	738
Perth and Kinross	18	10	1028
Scottish Borders	17	8	763
Stirling	19	9	838
West Lothian	19	9	1476
Orkney Islands	17	4	197
Shetland Islands	18	6	162
Eileanan Siar	15	4	220
Total	18	9	35853

Statistics

valid_duration		
N	Valid	35968
	Missing	10617
Mean		18 minutes
Median		16 minutes
Std. Deviation		9 minutes
Minimum		11 minutes
Maximum		119 minutes
Percentiles	5	11 minutes
	10	12 minutes
	15	12 minutes
	20	13 minutes
	25	13 minutes
	30	14 minutes
	35	14 minutes
	40	15 minutes
	45	15 minutes
	50	16 minutes
	55	17 minutes
	60	17 minutes
	65	18 minutes
	70	19 minutes
	75	20 minutes
	80	21 minutes
	85	23 minutes
	90	26 minutes
	95	32 minutes

Duration Summary to 22.03.18

Form	Average duration per form (in minutes)	# of valid cases (completed in minimum of 10 min and maximum of 180 min)	total # of cases	% of those who completed within this duration (minimum of 10 min and maximum of 180 min)
P1 Numeracy	30	7105	8488	84
P1 Literacy	24	7135	7821	91
P4 Numeracy	29	15928	18069	88
P4 Reading	33	15371	18582	83
P4 Writing	22	14942	17820	84
P7 Numeracy	37	19985	22489	89
P7 Reading	41	19063	22368	85
P7 Writing	20	18565	21802	85
S3 Numeracy	31	17497	21398	82
S3 Reading	32	16036	20804	77
S3 Writing	19	16498	20425	81
Total #		168125	200066	84