
Fundamental review of
Social Housing Allocations
Analytical Research Paper:
Social Housing Waiting List

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BACKGROUND: THE CLIENT'S REQUEST

1. Housing Group within the Department for Communities (DfC) commissioned this report from Analytical Services Unit (also in DfC). Housing Group set out the need for the report as follows:

Northern Ireland's first housing strategy entitled 'Facing the Future' gives recognition to the role housing plays in shaping our communities. The central vision of this strategy is that everyone should have the opportunity to access good quality housing at a reasonable cost. The vision seeks to direct activities to address housing need across all tenures.

The Housing Strategy Action Plan included a commitment to undertake a fundamental review of the allocations scheme, which duly commenced in 2012.

The equality screening undertaken as part of this review identified the need for an equality impact assessment. Independent advice was commissioned on equality matters relating to the Housing Strategy and, on reviewing the equality screening, the independent adviser noted that an Equality Impact Assessment (EQIA) of social housing allocations would benefit from a multivariate analysis to consider the impact of multiple identity issues.

The social housing waiting list in Northern Ireland is administered by the NIHE through the Housing Management System (HMS). The HMS records a wide range of information pertaining to applicants who apply for social housing, including equality related information such as religion, age, gender and dependant status. Also recorded is the date at which an applicant applies for social housing and the date at which they are allocated social housing (if allocated).

INTRODUCTION

2. The aim of this paper is to consider the key research questions posed by Housing Group. In doing so supplementary information or analysis is provided where possible to add context and to assist with interpretation and understanding of results.
3. Housing Group's key concern is whether differences in waiting times persist (and to what extent) when confounding, or influencing, variables are controlled for. Specifically Housing Group wishes to investigate whether age, religion and the presence of dependants are likely to be influencing variables. The multiple identity element is essential to this analysis.

Key research questions are:

- i. How long have applicants (categorised according to NIHE's data on religious background, age group and presence of dependants) been on the waiting list at the point of allocation?
 - ii. How long have applicants (categorized according to the breakdowns above) been on the waiting list without receiving an allocation?
 - iii. How significant are any differences in waiting times between the multiple religious, age and dependants categories?
 - iv. Are any such differences magnified or diminished by controlling for one category out of the three? ¹
4. To answer these questions this paper is based on an analysis of not only those who are on the current waiting list (as at point of data extraction) but also those who have been allocated housing from July 2011 (see paragraph 9 for further details) to time of data extraction. The project is based on descriptive statistics to allow for an examination of average waiting times for the groups noted within the research questions above. This will facilitate a high level assessment of the impact that demography has on average waiting times for housing allocations. See Descriptive Statistics section (page 8).
 5. For this project information on social housing applications and allocations is made available through a data extract from the NIHE HMS. The information shared by the NIHE with Analytical Services Unit (ASU) under the project consists of those applicants on the social housing waiting list at the point of extract (11 May 2016) plus applicants re-housed since July 2011 (excluding transfers) irrespective of application claim date. Further detail is provided within the User Information Section below (page 5).
 6. It is recommended that this paper is considered with reference to the User Information Section.

¹ This question is not considered using the methods described in this report.

USER INFORMATION

The Social Housing Waiting List data extract

7. The information shared by the NIHE with ASU under the project was agreed to consist of the following datasets for social housing at the point of extract (11 May 2016) plus applicants re-housed, or allocated, since April 2012 (excluding transfers) irrespective of application claim, or application, date:
 - Waiting list for applicants, excluding transfers, (Including Active, Deferred, Offer Pending, Under Review, Offer Accepted)
 - Allocations for applicants since April 2012 (excluding transfers) irrespective of application claim date

8. While the actual data transferred includes details as agreed above, it also includes, in addition to this, details of allocations to social housing prior to April 2012, back as far as 4 July 2011. This analysis makes use of this additional information provided, therefore extending the study period for housing allocations back to 4 July 2011, and as a result, increases the number of cases and robustness of the analysis.

Reference Period Workaround

9. The final dataset used for analysis in this project has been refined for the potential purpose of facilitating multivariate analysis. For consistency, the same final dataset has been used for purpose of descriptive statistics.

The analytical process has methods to account for any bias which might result from the absence of cases not included within the reference period. Specifically, bias may result from the loss of those applicants that applied for social housing between the period of the earliest application date on the data extract (August 1958) and July 2011 (the earliest allocation date on the data extract) and that were allocated social housing during that period. In other words, information is available on those who did not get housed over the period 1958 to 2011 but is not available for those applicants that did get housed. Consequently, it should be borne in mind that the dataset, in this context, is incomplete.

The dataset contains 7,647 cases (of the 78,452 total within the analysis), that applied for housing during this period (1958 - 2011) but that did not get housed by the data extract date. Common practice to account for cases that are not observationally at risk (i.e., the applicants that were housed during the period but whose details are not available) is to left truncate, or reset the date of data entry of those cases for which data is available; in this project the date is reset to 4 July 2011, which is the earliest allocation date on the data extract, to calculate a truncated waiting time from 04 July 2011. The proportion of cases within each of the main religious groupings that are affected by left truncation is quite even at around 10%.

Refining the Data for Analysis – Arbitrary Cut-off

10. The following table (Table 1) provides a breakdown of the number of applicants on the list categorised by the number of days spent on the list (including those cases that are censored i.e., those that had not been housed by the date of data extract). The figures in this table account for left truncation noted in paragraph 9 above.

Table 1: Days on list categorised by 2,000 day intervals

Days on list	Frequency	Percent	Cumulative Frequency
0-1999	76580	98	76580
2000-3999	1646	2	78226
4000-5999	190	0	78416
6000-7999	23	0	78439
8000-9999	9	0	78448
10000-11999	*	*	*
12000+	*	*	78452

Due to the small number of cases (less than 100) existing in some of the higher groupings of days (exacerbated if breaking figures down by religion or other variables of interest) it has been decided to set a cut off point of 3,999 days on the list. This is in the interest of robustness of output given the potential effect of outliers and small numbers.

Given this decision it is important to note that throughout this report, any reference to numbers on the waiting list is based on those who have waited, including those censored, up to 3,999 days.

Notation and Reference

11. Mean and Median Values: Although both mean and median values have been presented, unless otherwise stated the average waiting time referred to in the text will be based on the median value. This is to reduce the effect of outliers that the mean value will be subject to.

As a result of multiple breakdowns, the cell count for a number of specific groups is less than 100 and as such caution should be taken if making inference.

Any cell with a count of 5 or less has been suppressed to avoid disclosure of confidential information:

* Suppressed due to disclosure control

“Case”: A case refers to an applicant on the social housing waiting list and is interchangeable with ‘applicant’.

“Event Status”: This refers to whether or not a case (or applicant) has remained unallocated, or remained ‘active’, to the end of the study period (or data extract date). A value of 0 is given to those that have to be ‘censored’ or remain unallocated at the data extract date, while a value of 1 is given to those that are ‘uncensored’ or have been housed.

“Right Censoring”: Applicants who remained (or were ‘active’) on the waiting list at 11 May 2016 were right censored i.e. the observation period ended before the event of interest (being re-housed) occurred.

Data Quality

12. The data used within this analysis is deemed to be of sufficient quality. Data is sourced from NIHE and whilst ASU have been able to carry out a limited number of quality checks in regard to completeness and logic testing this can only be carried out on the data provided. The Project Working Group agreed that NIHE would undertake an exercise prior to data transfer to ensure data was of sufficient quality.

Change in Circumstances

13. Circumstances of applicants on the social housing waiting list are subject to change over time. Any change in circumstance has the potential to influence the points score awarded to the applicant - the points system is used to determine need in regard to allocation of social housing. Analysis of the impact of change in circumstances is not, however, within the scope of the analysis contained within this paper as it introduces a new level of complexity and resource requirement. Findings below will be used in the assessment of the need for such further research.

Key Variables

14. The following variables and respective groupings have been identified by the Project Working Group as pertinent to the analysis:

- Religion (Catholic, Protestant, Mixed / Other, Unknown / Refused / None)
- Age (16-24, 25-34, 35-44, 45-54, 55-64, 65+)
- Dependants (Yes / No)
- Points allocated (0, 1-29, 30-69, 70-99, 100-199, 200+)
- Area [applied to live in] (New 11 Local Government District (LGD))

SUMMARY OF FINDINGS

Descriptive Statistics

The following descriptive statistics reflect investigation of key research questions posed by the Project Working Group.

Table 2 shows waiting times by multiple identity for those allocated social housing by date of data extract (11 May 2016).

Given a multitude of combinations of religion, age group and dependant status that exist the following highlights those that may be considered of most interest:

Catholics aged 25-34 that have dependants waited an average of 531 days, compared to Catholics aged 25-34 without dependants waited an average of 368 days (see Table 2)

Protestants aged 25-34 that have dependants waited an average of 274 days, compared to Protestants aged 25-34 without dependants waited an average of 287 days (see Table 2)

'Mixed or Other' aged 25-34 that have dependants wait an average of 367 days, compared to 'Mixed or Other' aged 25-34 without dependants who wait an average of 323 days (see Table 2)

'Unknown/Refused/None' aged 25-34 that have dependants wait an average of 313 days, compared to 'Unknown/Refused/None' aged 25-34 without dependants who wait an average of 287 days

Table 3 shows waiting times by multiple identity for those not allocated social housing by date of data extract (11 May 2016).

Given a multitude of combinations of religion, age group and dependant status that exist the following highlights those that may be considered of most interest:

Catholics aged 25-34 that have dependants wait an average of 702 days, compared to Catholics aged 25-34 without dependants who wait an average of 562 days (see Table 3)

Protestants aged 25-34 that have dependants wait an average of 408 days, compared to Protestants aged 25-34 without dependants who wait an average of 450 days (see Table 3)

'Mixed or Other' aged 25-34 that have dependants wait an average of 466 days, compared to 'Mixed or Other' aged 25-34 without dependants who wait an average of 550 days.

'Unknown/Refused/None' aged 25-34 that have dependants wait an average of 359 days, compared to 'Unknown/Refused/None' aged 25-34 without dependants who wait an average of 345 days.

Descriptive Statistics

15. This section allows for an examination of average waiting times for the groups noted within the key research question in paragraph 3 above. As a result of multiple breakdowns, the cell count for a number of specific groups is less than 100 and as such caution should be taken if making inference. In some cases the cell has been suppressed due to being 5 or less where there is a risk of confidentiality breach. Although both mean and median values have been presented, unless otherwise stated the average waiting time referred to in the associated commentary will be based on the median value. This is to reduce the effect of outliers that the mean value will be subject to.
16. Table 2 below presents the average number of days that applicants spent on the social housing waiting list, broken down by religion, age and dependant status, for those that have been allocated social housing by the date of data extract, i.e., they appear as uncensored in the analysis. *Note: The relatively large differential between mean and median values is due to the inclusion of a relatively small number of cases within the scope of the analysis in which the application date is pre-2010.*

Table 2: Average Waiting Times across Main Variables for cases that have been allocated social housing

Religion	Age Group	Dependants	Days on List		
			Mean	Median	N
Catholic	16-24	Yes	529	433	953
		No	409	309	901
	25-34	Yes	756	531	3400
		No	555	368	1813
	35-44	Yes	662	405	1723
		No	621	392	1134
	45-54	Yes	733	485	904
		No	628	412	1342
	55-64	Yes	914	690	205
		No	612	372	1310
	65+	Yes	721	447	27
		No	612	276	1230
Protestant	16-24	Yes	333	239	1112
		No	313	219	1792
	25-34	Yes	448	274	2382
		No	469	287	2512
	35-44	Yes	495	289	1363
		No	463	273	1357

	45-54	Yes	604	347	900	
		No	491	270	1465	
	55-64	Yes	761	476	213	
		No	526	260	1499	
	65+	Yes	1010	562	62	
		No	576	220	2366	
Mixed or Other	16-24	Yes	332	259	95	
		No	365	250	176	
	25-34	Yes	555	367	404	
		No	521	323	340	
	35-44	Yes	618	412	357	
		No	552	341	265	
	45-54	Yes	790	577	201	
		No	568	376	265	
	55-64	Yes	878	680	56	
		No	549	344	256	
	65+	Yes	984	784	5	
		No	662	361	247	
	Unknown/Refused/None	16-24	Yes	310	245	201
			No	317	225	508
25-34		Yes	512	313	618	
		No	464	287	705	
35-44		Yes	495	314	390	
		No	410	260	449	
45-54		Yes	645	381	255	
		No	499	296	472	
55-64		Yes	764	543	65	
		No	560	294	433	
65+		Yes	1039	538	8	
		No	466	199	536	

17. Research Question i) How long have applicants (categorised according to NIHE's data on religious background, age group and presence of dependants) been on the waiting list at the point of allocation?

Given the multitude of combinations of religion, age group and dependant status that exist the following highlights those that may be considered of most interest (highlighted in red in Table 2 above).

Catholics aged 25-34 that have dependants wait an average of 531 days, compared to Catholics aged 25-34 without dependants who wait an average of 368 days.

Protestants aged 25-34 that have dependants wait an average of 274 days, compared to Protestants aged 25-34 without dependants who wait an average of 287 days.

'Mixed or Other' aged 25-34 that have dependants wait an average of 367 days, compared to 'Mixed or Other' aged 25-34 without dependants who wait an average of 323 days.

'Unknown/Refused/None' aged 25-34 that have dependants wait an average of 313 days, compared to 'Unknown/Refused/None' aged 25-34 without dependants who wait an average of 287 days.

18. Table 3 below presents the average number of days that applicants spent on the social housing waiting list, broken down by religion, age and dependant status, for those that have not been allocated social housing by the date of data extract, i.e., they appear as censored in the analysis. *Note: The relatively large differential between mean and median values is due to the inclusion of a relatively small number of cases within the scope of the analysis in which the application date is pre-2010.*

Table 3: Average Waiting Times across Main Variables for cases that have not been allocated social housing by date of data extract (11 May 2016)

			<i>Days on List</i>			
			Mean	Median	Count	
Religion	Age Group	Dependants				
Catholic						
	16-24	Yes	586	445	1068	
		No	489	355	1657	
	25-34	Yes	845	702	2779	
		No	743	562	2225	
	35-44	Yes	904	756	1802	
		No	858	701	1534	
	45-54	Yes	1038	988	1023	
		No	911	805	1844	
	55-64	Yes	1169	1394	262	
		No	944	831	1506	
	65+	Yes	1296	1773	91	
		No	1115	1199	1528	
	Protestant					
		16-24	Yes	443	314	489
			No	420	308	1504
25-34		Yes	614	408	1274	
		No	684	450	1711	
35-44		Yes	746	541	1009	
		No	763	569	1074	
45-54		Yes	925	786	698	
		No	802	617	1342	
55-64		Yes	1084	1198	242	
		No	914	776	1281	
65+		Yes	1306	1773	73	
		No	1109	1271	2704	
Mixed or Other						
		16-24	Yes	474	320	61
			No	442	296	214
	25-34	Yes	672	466	340	
		No	741	550	332	
	35-44	Yes	837	713	395	
		No	775	558	296	
	45-54	Yes	1002	887	217	
		No	969	903	298	

	55-64	Yes	1273	1618	69
		No	951	920	270
	65+	Yes	1142	1401	14
		No	1075	1220	312
Unknown / Refused / None					
	16-24	Yes	378	251	230
		No	386	267	707
	25-34	Yes	577	359	589
		No	584	345	887
	35-44	Yes	658	442	446
		No	707	461	550
	45-54	Yes	826	635	241
		No	810	579	563
	55-64	Yes	1188	1620	72
		No	867	686	451
	65+	Yes	1456	1773	23
		No	1079	1328	645

19. *Research Question ii) How long have applicants (categorized according to the breakdowns above) been on the waiting list without receiving an allocation?*

Given the multitude of combinations of religion, age group and dependant status that exist the following highlights those that may be considered of most interest (highlighted in red in Table 3 above).

Catholics aged 25-34 that have dependants wait an average of 702 days, compared to Catholics aged 25-34 without dependants who wait an average of 562 days.

Protestants aged 25-34 that have dependants wait an average of 408 days, compared to Protestants aged 25-34 without dependants who wait an average of 450.

'Mixed or Other' aged 25-34 that have dependants wait an average of 466 days, compared to 'Mixed or Other' aged 25-34 without dependants who wait an average of 550 days.

'Unknown/Refused/None' aged 25-34 that have dependants wait an average of 359 days, compared to 'Unknown/Refused/None' aged 25-34 without dependants who wait an average of 345 days.

20. *Research Question iii) How significant are any differences in waiting times between the multiple religious, age and dependants categories?*

The averages presented in the tables above are a reflection of the average waiting times for the specific period noted within paragraphs 10 and 11. The data extract used in the analysis

was not obtained through random sampling methodology and is not representative of any larger population. There is potential for differences in legislation, regulation, policy, and/or data capture practices between the data extract period and any other time period which would also limit representativeness of any larger population. Therefore any difference observed can be interpreted as a difference in the context of the data extract period.

21. *Average waiting times across all of the main groups of interest can be found in Annex A, with a further breakdown by Local Government District provided in Annex B and Annex C.*

ANNEX A - AVERAGE WAITING TIMES ACROSS ALL GROUPS OF INTERESTTable 1a: Average Waiting Times by Religion of Applicant (not allocated)

Religion	Mean	Median	N
Catholic	847	687	17322
Protestant	793	585	13406
Mixed or Other	838	656	2819
Unknown / Refused / None	696	419	5405

Table 2a: Average Waiting Times by Dependant Status (not allocated)

Dependants	Mean	Median	N
Yes	799	622	13509
No	811	611	25443

Table 3a: Average Waiting Times by Points (not allocated)

Points	Mean	Median	N
0	674	419	7183
1-29	735	512	8306
30-69	937	771	6825
70-99	822	660	5478
100-199	865	715	10798
200+	657	434	362

Table 4a: Average Waiting Times by Age Group (not allocated)

Age Group	Mean	Median	N
16-24	467	334	5930
25-34	719	516	10137
35-44	810	630	7106
45-54	904	776	6226
55-64	959	852	4153
65+	1113	1289	5390

Table 1b: Average Waiting Times by Religion of Applicant (allocated)

Religion	Mean	Median	N
Catholic	640	414	14943
Protestant	477	265	17024
Mixed or Other	574	364	2667
Unknown / Refused / None	473	279	4640

Table 2b: Average Waiting Times by Dependant Status (allocated)

Dependants	Mean	Median	N
Yes	594	374	15899
No	511	291	23375

Table 3b: Average Waiting Times by Points (allocated)

Points	Mean	Median	N
0	421	184	953
1-29	466	248	2549
30-69	521	248	4029
70-99	455	268	5725
100-199	586	361	23821
200+	521	322	2197

Table 4b: Average Waiting Times by Age Group (allocated)

Age Group	Mean	Median	N
16-24	370	271	5738
25-34	564	356	12174
35-44	553	331	7038
45-54	599	362	5804
55-64	600	342	4037
65+	585	240	4481

ANNEX B: DAYS ON WAITING LIST FOR THOSE UNALLOCATED SOCIAL HOUSING BY DATE OF DATA EXTRACT

LGD	Religion	Age Group	16-24		25-34		35-44		45-54		55-64		65+		
		Dependants	Median	N	Median	N	Median	N	Median	N	Median	N	Median	N	
Antrim & Newtownabbey	Catholic	Yes	448	46	484	133	693	82	856	45	975	17	-	-	
		No	330	64	616	82	457	60	650	70	764	53	1195	59	
	Protestant	Yes	336	62	375	160	387	99	765	69	1461	18	1773	8	
		No	275	172	441	193	659	123	483	137	704	128	1271	254	
	Mixed or Other	Yes	83	6	518	19	744	26	625	10	-	-	.	.	
		No	317	11	348	11	975	13	1762	18	300	23	1773	30	
	Unknown/Ref used/None	Yes	168	20	392	49	478	35	548	13	1771	6	-	-	
		No	307	68	374	50	681	29	768	49	1108	37	1169	49	
	Ards & North Down	Catholic	Yes	460	11	479	36	761	38	854	25	953	10	-	-
			No	356	24	442	27	492	33	754	26	686	39	1293	55
Protestant		Yes	279	62	492	195	541	201	771	137	800	53	1743	14	
		No	296	237	377	239	544	170	608	235	908	237	1301	573	
Mixed or Other		Yes	399	7	340	36	694	52	1338	26	1773	15	-	-	
		No	295	37	404	43	580	33	1192	36	581	31	1766	60	
Unknown/Ref used/None		Yes	315	20	289	53	573	41	386	28	1773	9	-	-	
		No	238	57	344	61	632	37	1014	42	898	55	1578	118	
Armagh Banbridge & Craigavon		Catholic	Yes	250	71	363	233	477	160	779	109	1556	31	1773	8
			No	275	177	368	198	466	146	594	201	770	186	1078	156
	Protestant	Yes	233	26	299	93	483	61	467	42	831	18	-	-	
		No	206	94	308	97	416	80	361	98	624	114	1008	193	
	Mixed or Other	Yes	367	6	362	50	282	35	480	24	1061	6	-	-	
		No	227	22	259	30	309	29	709	33	853	31	1112	21	
	Unknown/Ref used/None	Yes	296	9	218	13	658	17	763	8	-	-	.	.	
		No	287	20	310	30	386	15	736	19	684	12	1591	23	

		Age Group	16-24		25-34		35-44		45-54		55-64		65+		
LGD	Religion	Dependants	Median	N	Median	N	Median	N	Median	N	Median	N	Median	N	
Belfast	Catholic	Yes	511	449	973	928	965	405	1154	235	1434	51	1557	20	
		No	396	464	672	704	828	439	827	490	931	373	1343	383	
	Protestant	Yes	325	120	392	283	594	211	980	141	1494	64	1773	17	
		No	324	435	548	533	477	268	652	312	806	275	1575	542	
	Mixed or Other	Yes	285	18	642	111	919	117	1238	53	1330	17	-	-	
		No	264	54	681	124	719	109	901	89	928	58	1538	51	
	Unknown/Ref used/None	Yes	238	79	406	220	472	152	408	71	1736	21	1773	7	
		No	290	274	375	386	517	243	535	200	635	125	1171	164	
	Causeway Coast & Glens	Catholic	Yes	369	30	580	106	938	90	1391	70	1773	12	1773	6
			No	560	70	665	111	674	73	590	73	1001	73	1122	77
		Protestant	Yes	282	38	527	106	643	91	1017	51	1284	12	1416	9
			No	343	108	593	147	720	92	894	116	869	102	874	202
Mixed or Other		Yes	-	-	688	15	847	21	1379	16	-	-	-	-	
		No	718	8	568	14	767	18	963	22	1773	23	1009	23	
Unknown/Ref used/None		Yes	244	11	275	36	344	33	631	12	-	-	-	-	
		No	274	46	191	51	328	39	436	54	741	45	636	41	
Derry & Strabane		Catholic	Yes	477	215	800	496	780	308	967	173	1268	47	1363	27
			No	384	347	580	431	796	304	964	340	966	257	1440	272
		Protestant	Yes	238	18	456	52	677	47	762	26	1106	9	-	-
			No	297	44	354	52	708	35	546	58	1269	43	1264	76
	Mixed or Other	Yes	-	-	281	14	488	23	1142	19	-	-	-	-	
		No	323	23	365	25	271	18	364	25	589	25	362	19	
	Unknown/Ref used/None	Yes	225	28	296	55	301	37	530	14	388	8	-	-	
		No	216	63	196	69	357	38	700	38	176	25	638	33	

		Age Group	16-24		25-34		35-44		45-54		55-64		65+		
LGD	Religion	Dependants	Median	N	Median	N	Median	N	Median	N	Median	N	Median	N	
Fermanagh & Omagh	Catholic	Yes	274	29	382	100	450	84	814	49	1321	10	-	-	
		No	278	104	413	124	547	97	596	126	659	118	1007	101	
	Protestant	Yes	127	7	405	19	376	23	300	20	-	-	.	.	
		No	173	32	398	33	542	28	491	49	570	42	958	51	
	Mixed or Other	Yes	-	-	106	10	722	11	921	10	-	-	-	-	
		No	394	7	559	6	359	6	800	18	553	10	875	9	
	Unknown/Ref used/None	Yes	-	-	691	17	266	16	884	8	
		No	247	21	275	29	313	12	358	19	736	20	442	18	
	Lisburn & Castlereagh	Catholic	Yes	540	14	530	52	587	49	730	23	-	-	-	-
			No	236	34	426	60	706	32	819	45	526	25	821	23
Protestant		Yes	491	56	409	134	393	102	887	81	1689	22	1773	10	
		No	357	161	510	159	607	112	707	94	743	125	1105	305	
Mixed or Other		Yes	-	-	581	21	642	25	469	8	1394	6	.	.	
		No	295	16	534	15	639	13	788	10	695	13	1021	30	
Unknown/Ref used/None		Yes	226	27	271	53	263	40	470	25	923	9	.	.	
		No	194	58	289	77	316	43	397	29	579	33	1576	67	
Mid & East Antrim		Catholic	Yes	362	18	369	49	674	56	965	31	1401	12	-	-
			No	303	50	593	50	493	36	834	59	1324	41	1302	68
	Protestant	Yes	323	63	333	142	673	123	834	93	1049	29	1289	7	
		No	342	170	379	185	642	117	678	159	543	140	1441	391	
	Mixed or Other	Yes	-	-	342	20	523	25	751	13	-	-	-	-	
		No	232	11	618	22	354	18	1057	14	1163	19	1315	31	
	Unknown/Ref used/None	Yes	356	17	374	46	564	34	877	28	1164	7	-	-	
		No	293	43	426	54	833	46	508	44	685	44	1640	61	

		Age Group	16-24		25-34		35-44		45-54		55-64		65+		
LGD	Religion	Dependants	Median	N	Median	N	Median	N	Median	N	Median	N	Median	N	
Mid Ulster	Catholic	Yes	308	63	454	255	623	244	986	97	945	24	-	-	
		No	281	103	343	142	484	117	611	155	749	118	1388	95	
	Protestant	Yes	191	14	341	42	553	22	504	16	-	-	-	-	
		No	289	27	344	42	317	23	700	47	849	50	947	50	
	Mixed or Other	Yes	-	-	586	34	734	28	565	23	-	-	.	.	
		No	363	13	375	20	314	20	447	14	936	19	488	15	
	Unknown/Ref used/None	Yes	405	6	332	12	1352	14	1696	8	-	-	-	-	
		No	238	6	1225	19	1491	9	629	20	513	12	1370	11	
	Newry Mourne & Down	Catholic	Yes	546	122	735	391	892	286	977	166	1611	43	1773	14
			No	385	220	642	296	800	197	1086	259	814	223	1005	238
Protestant		Yes	372	23	680	48	939	29	889	22	1773	9	-	-	
		No	261	24	484	31	399	26	399	37	573	25	1079	67	
Mixed or Other		Yes	-	-	658	10	897	32	1773	15	1716	7	-	-	
		No	704	12	1626	22	818	19	1349	19	705	18	695	23	
Unknown/Ref used/None		Yes	258	11	902	35	842	27	1430	26	902	6	-	-	
		No	281	51	638	61	474	39	806	49	1108	43	1565	60	

ANNEX C: DAYS ON WAITING LIST FOR THOSE ALLOCATED SOCIAL HOUSING BY DATE OF DATA EXTRACT

		Age Group	16-24		25-34		35-44		45-54		55-64		65+		
LGD	Religion	Dependants	Median	N	Median	N	Median	N	Median	N	Median	N	Median	N	
Antrim & Newtownabbey	Catholic	Yes	368	57	418	137	320	76	603	40	357	-	652	-	
		No	285	41	295	82	287	57	291	48	350	51	207	42	
	Protestant	Yes	289	96	301	266	267	139	337	104	513	22	-	-	
		No	181	191	259	265	232	164	245	138	279	163	240	243	
	Mixed or Other	Yes	253	10	449	31	617	30	380	17	904	6	-	-	
		No	423	11	419	39	612	22	351	24	336	13	258	25	
	Unknown/Ref used/None	Yes	247	24	379	59	236	45	205	32	-	-	-	-	
		No	241	34	243	69	198	39	382	44	296	49	173	45	
	Ards & North Down	Catholic	Yes	400	8	357	51	251	19	380	8	313	6	-	-
			No	212	16	284	23	268	27	318	22	223	38	294	47
		Protestant	Yes	251	164	255	309	309	197	364	135	489	28	808	10
			No	218	203	264	280	280	160	278	173	350	198	261	378
Mixed or Other		Yes	307	15	359	49	422	29	587	15	987	7	.	.	
		No	238	22	625	30	378	31	257	36	472	33	387	29	
Unknown/Ref used/None		Yes	200	25	285	53	184	36	573	34	491	10	.	.	
		No	160	70	279	71	340	30	277	45	347	43	239	77	
Armagh Banbridge & Craigavon		Catholic	Yes	218	90	225	299	270	193	416	116	393	26	-	-
			No	203	137	210	197	224	133	356	194	314	181	371	138
		Protestant	Yes	146	76	207	141	185	110	256	75	392	14	-	-
			No	145	128	151	176	172	93	201	142	174	141	163	184
	Mixed or Other	Yes	189	17	177	48	226	55	394	25	637	7	.	.	
		No	209	22	195	33	148	25	423	30	191	34	161	23	
	Unknown/Ref used/None	Yes	146	8	136	30	271	17	-	-	-	-	.	.	
		No	115	23	181	31	228	19	154	33	320	16	209	20	
			Age Group	16-24		25-34		35-44		45-54		55-64		65+	

LGD	Religion	Dependants	Median	N	Median	N	Median	N	Median	N	Median	N	Median	N	
Belfast	Catholic	Yes	644	306	892	1144	529	367	643	177	802	39	-	-	
		No	524	211	557	534	571	320	583	329	415	364	329	305	
	Protestant	Yes	233	368	278	744	277	369	316	214	431	72	746	23	
		No	248	679	315	985	293	471	281	450	256	412	220	587	
	Mixed or Other	Yes	236	21	429	113	495	110	579	60	756	14	-	-	
		No	331	47	416	114	432	87	550	78	449	68	385	56	
	Unknown/Ref used/None	Yes	258	57	421	195	328	112	318	56	372	21	-	-	
		No	253	178	336	289	268	161	319	156	313	142	199	155	
	Causeway Coast & Glens	Catholic	Yes	278	45	259	114	375	70	331	48	478	11	-	-
			No	237	61	280	107	308	56	326	81	294	64	183	64
Protestant		Yes	207	109	276	200	259	110	287	69	713	8	671	8	
		No	158	106	222	139	258	70	197	95	228	100	159	200	
Mixed or Other		Yes	261	8	292	25	246	19	725	12	-	-	-	-	
		No	342	14	206	22	487	25	402	18	220	18	247	19	
Unknown/Ref used/None		Yes	260	19	129	34	322	22	389	24	-	-	-	-	
		No	238	24	298	41	264	28	394	30	226	24	208	31	
Derry & Strabane		Catholic	Yes	497	220	569	750	407	410	477	222	631	40	-	-
			No	363	158	414	266	429	171	512	212	373	184	323	205
	Protestant	Yes	258	32	279	100	254	66	247	46	266	7	-	-	
		No	199	56	222	80	211	40	254	60	263	51	155	66	
	Mixed or Other	Yes	-	-	355	12	343	15	701	10	-	-	-	-	
		No	348	6	264	10	623	13	-	-	315	15	394	24	
	Unknown/Ref used/None	Yes	295	7	490	49	430	14	198	17	-	-	-	-	
		No	398	22	338	15	213	16	306	24	409	17	146	20	

		Age Group	16-24		25-34		35-44		45-54		55-64		65+	
LGD	Religion	Dependants	Median	N	Median	N	Median	N	Median	N	Median	N	Median	N
Fermanagh & Omagh	Catholic	Yes	136	33	217	176	226	122	281	57	395	12	.	.
		No	173	99	217	171	238	97	217	119	165	115	194	135
	Protestant	Yes	213	13	176	40	189	26	139	23	139	7	.	.
		No	130	40	267	40	315	44	310	30	219	36	172	58
	Mixed or Other	Yes	-	-	285	14	494	16	280	9	-	-	.	.
		No	218	13	181	17	151	12	204	8	96	15	650	13
	Unknown/Ref used/None	Yes	-	-	206	19	85	17	297	8	-	-	.	.
		No	128	24	209	21	161	19	130	23	177	20	293	24
Lisburn & Castlereagh	Catholic	Yes	378	30	505	85	533	57	495	17	1191	7	.	.
		No	362	24	401	56	442	33	305	41	237	32	262	27
	Protestant	Yes	335	130	371	264	378	153	383	111	869	25	-	-
		No	262	130	367	207	325	121	310	150	253	171	227	228
	Mixed or Other	Yes	-	-	399	40	339	23	632	20	-	-	-	-
		No	434	16	348	21	292	24	580	10	225	14	147	17
	Unknown/Ref used/None	Yes	195	24	238	48	315	35	346	18	-	-	-	-
		No	174	35	274	56	231	31	395	30	212	33	143	46
Mid & East Antrim	Catholic	Yes	288	12	314	66	409	50	599	21	1157	6	-	-
		No	262	24	305	56	306	36	415	43	538	32	269	42
	Protestant	Yes	223	91	251	231	344	137	467	78	613	18	485	9
		No	256	193	296	242	322	131	296	141	298	151	314	302
	Mixed or Other	Yes	-	-	477	14	624	20	686	12	-	-	.	.
		No	216	12	292	26	231	8	269	18	364	22	542	12
	Unknown/Ref used/None	Yes	247	23	368	70	306	45	952	23	-	-	.	.
		No	242	62	220	62	361	49	310	39	679	37	268	64

		Age Group	16-24		25-34		35-44		45-54		55-64		65+	
LGD	Religion	Dependants	Median	N	Median	N	Median	N	Median	N	Median	N	Median	N
Mid Ulster	Catholic	Yes	291	58	281	196	348	142	400	75	923	18	-	-
		No	215	51	326	108	296	62	328	84	448	77	180	74
	Protestant	Yes	146	16	192	66	248	36	402	27	217	9	-	-
		No	208	50	189	69	141	48	224	61	203	54	198	60
	Mixed or Other	Yes	-	-	245	31	389	20	1125	9	267	6	.	.
		No	115	8	144	17	133	8	176	22	257	9	143	12
	Unknown/Ref used/None	Yes	-	-	701	19	455	15	559	15	-	-	.	.
		No	224	11	527	14	447	12	435	15	434	17	133	21
Newry Mourne & Down	Catholic	Yes	414	94	499	382	472	217	571	123	857	35	910	9
		No	276	79	324	213	420	142	371	169	450	172	280	151
	Protestant	Yes	425	17	286	21	398	20	595	18	-	-	.	.
		No	291	16	279	29	348	15	384	25	384	22	206	60
	Mixed or Other	Yes	361	8	671	27	961	20	687	12	-	-	.	.
		No	-	-	488	11	294	10	592	16	772	15	540	17
	Unknown/Ref used/None	Yes	219	8	316	42	444	32	1250	23	645	10	-	-
		No	439	25	442	36	262	45	245	33	238	35	224	33

Notation	
N	Number of cases
-	Cell count is 5 or less
Highlighted red	Cell count is 30 or less

ANNEX D: SOME KEY POINTS TO NOTE

1. The decisions made in determining the data for inclusion are set out separately in a control document.

2. It should be noted that:
 - a. deferred applicants and those with offers pending or accepted were included in the dataset;

 - b. transfer applicants were excluded from the dataset;

 - c. applications for supported housing were excluded from the dataset;

 - d. stock profile and size or type of accommodation required, including ground floor or wheelchair accommodation, may impact on waiting times, however, this was outside the scope of the project;

 - e. analysis pertaining to those who had received reasonable offers was considered in the context of the overall analysis, however, due to the relatively small number of cases concerned this was not progressed. The period of time an applicant waited before receiving an offer was outside the scope of the project; and

 - f. applicants who have been deferred or previously deferred may contribute to longer waiting times.