

TAYplan Housing Need & Demand Calculation

Backlog of Households in Current Need			Perth & Kinross Boundary					Fife Boundary		GDHMA	Angus Boundary			
Options	Data Source		Eastern	Greater Perth (net)	Highland	Kinross	Strathearn	St Andrews (net)	Cupar (net)	Dundee	South Angus	Forfar Kirriemuir Glens (net)	Montrose/Brechin	Arbroath
1.1 Homeless households & those in temporary accommodation	Those in Temporary Accommodation													
	1A. Snapshot of households in temporary accommodation	LA Temporary Accommodation Stock List	21	300	1	33	0							
	2A. HLI 1 End of Year Snapshot in Temporary Accommodation	HLI 1 statistics												
	3A. 'Currently in temporary accommodation'	HNADA Survey	0	0	0	0	0							
4A. Households with waiting list points: homeless	Council/RSL waiting list data	47	279	26	18	41								
1B. Households who have become homeless as a result of insecure tenure	HLI 1 statistics: Reasons for homelessness - monthly average		8	29	2	2	5							
	2B. Households with waiting list points: insecure tenure	Council/RSL waiting list data												
	3B. Households who have moved in past 5 years as a result of insecure tenure	HNADA Survey	7	68	7	0	22							
1.2 Concealed households	1. Currently sharing amenities with another household	HNADA Survey	11	148	20	120	61							
	2. Sharing amenities is a serious problem for the household	HNADA Survey	0	0	0	0	0							
	3. Households with waiting list points: sharing amenities	Council/RSL waiting list data												
1.3 Overcrowding	1. Households with 1 or bedrooms fewer than needed	HNADA Survey	401	1707	757	161	597							
	2. Households with 1 or bedrooms fewer than needed EXCLUDING single people	HNADA Survey	401	1707	679	146	559							
	3. Households with 1 or bedrooms fewer than needed AND who need/expect to move to bigger house	HNADA Survey	32	336	20	0	0							
	4. Households with waiting list points: overcrowding	Council/RSL waiting list data	148	825	83	57	153							
	5. Waiting list/Survey Triangulation		277	1190	381	108	372							
1.4 Support Needs	Need for Aids or Adaptations													
	1. Households who require installation of aids or adaptations in their current home	HNADA Survey	224	363	459	303	300							
	2. Local authority waiting list for adaptations	OT/PSHG waiting list data												
	Need for Special Forms of Housing													
	1. Households who require special forms of housing	HNADA Survey	129	189	127	200	153							
	2. Difficulty using stairs is a serious problem for the household	HNADA Survey	54	0	53	15	15							
	3. Households with waiting list points: medical/sheltered housing	Council/RSL waiting list data	101	452	47	18	86							
	4. Triangulation WU/Survey		115	321	87	109	120							
	Need for Housing with Support													
	1. Households who require housing support services	HNADA Survey	141	0	141	143	114							
2. Moving closer to those who provide support is a serious problem for the household	HNADA Survey	65	189	37	0	31								
1.5 Poor Quality	1. Quality of home is a serious problem for the household	HNADA Survey	123	53	129	6	0							
	2. Dissatisfied with current home because of poor condition	HNADA Survey												
	3. Number of BTS properties in LA area	LA Data/Prof judgement or private sector stock condition data	187	473	209	94	208							
1.6 Harrassment	1. Harrassment is a serious problem for the household	HNADA Survey	43	53	41	0	0							
	2. Households who have moved in the last 5 years as a result of harrassment	HNADA Survey	47	0	0	0	31							
1.7 Total current need			1025	2916	1346	910	1197							

Net Backlog of Households in Current Need			Perth & Kinross Boundary					Fife Boundary		GDHMA	Angus Boundary			
Component	Options	Data Source	Eastern	Greater Perth (net)	Highland	Kinross	Strathearn	St Andrews (net)	Cupar (net)	Dundee	South Angus	Forfar Kirriemuir Glens (net)	Montrose/Brechin	Arbroath
X = Number of Households in Current Need			1025	2916	1346	910	1197							
Y = In situ adjustment	1. Households who require installation of aids or adaptations in their current home	HNADA Survey	224	363	459	303	300							
	2. Number of homes where aids & adaptations have been installed given current annual budget available	Data on Stage 3 completions (HAG)/OT Service Outcomes/PSHG Expenditure												
	3. Number of households who require floating support services		108	0	135	122	83							
Z = % of households who cannot resolve need in private housing market	1. CACI Paycheck income profile X weighted average house prices	CACI Paycheck X 2007 Sasines Data	73%	68%	84%	72%	75%							
	2. CACI Paycheck income profile X lower quartile house prices	CACI Paycheck X 2007 Sasines Data	39%	39%	64%	42%	38%							
	3. CACI Paycheck income profile X LHA rents	HNADA Survey Q X 2007 Sasines Data	34%	51%	58%	51%	61%							
	4. Sample income X weighted average house prices	HNADA Survey Q X 2007 Sasines Data												
Net Current Housing Need		(X - Y)*Z	270	995	481	204	309							

Newly Arising Need			Perth & Kinross Boundary					Fife Boundary		GDHMA	Angus Boundary			
Component	Options	Data Source	Eastern	Greater Perth (net)	Highland	Kinross	Strathearn	St Andrews (net)	Cupar (net)	Dundee	South Angus	Forfar Kirriemuir Glens (net)	Montrose/Brechin	Arbroath
2.1 New household formation	1. Number of households who have moved from previous home to form a separate household in the last 5 years	HNADA Survey	173	226	82	45	174							
	2. Households where a family/household member has LEFT home to form separate household	HNADA Survey	38	242	11	60	44							
	3. Household members who would like to leave existing home to form a separate household in the next 2 years and remain in LA area	HNADA Survey	19	121	6	30	22							
	4. Annual net GROS household projection	2006 based household projections	107	492	65	66	123							
2.2 % New Households who resolve need in private housing market	1. Income profile of recently formed households X lower quartile house prices		57%	48%	84%	79%	37%							
	2. Lower quartile CACI Paycheck income profile X lower quartile house prices													
2.3 Existing households falling into need	1. Annual number of priority homeless households	HLI 1 statistics	96	356	21	13	47							
2.4 Total Newly Arising Need		(2.1*2.2) + 2.3	157	592	75	65	93							

Affordable Housing Supply			Perth & Kinross Boundary					Fife Boundary		GDHMA	Angus Boundary			
Component	Options	Data Source	Eastern	Greater Perth (net)	Highland	Kinross	Strathearn	St Andrews (net)	Cupar (net)	Dundee	South Angus	Forfar Kirriemuir Glens (net)	Montrose/Brechin	Arbroath

3.1 Available Affordable Dwellings	1. Number of Council vacancies in housing stock per annum	Council stock and turnover statistics	63	226	14	21	49							
	2. Number of RSL vacancies in housing stock per annum	RSL stock and turnover statistics	44	203	25	7	32							
3.2 Additional supply associated with reducing void levels	1. Snapshot of Council long terms voids	Council void statistics	0	0	0	0	0							
	2. Snapshot of RSL long terms voids	RSL void statistics	0	0	0	0	0							
3.3A Planned new supply of affordable housing for rent	1. Programmed SHIP completions of affordable accommodate for rent	SHIP/Section 75 agreements	15	90	15	21	9							
	2. Programmed SHIP completions of intermediate accommodation options	SHIP	3	18	3	4	2							
3.4 Units taken out of management	1. Council units for demolition/conversion	Council demolition/regeneration data	0	3	0	0	0							
	2. RSL units for demolition/conversion	RSL demolition/regeneration data	0	0	0	0	0							
3.5 Total Affordable housing stock available		(3.1+3.2+3.3) - 3.4	125	534	56	53	92							

Net Annual Housing Need			Perth & Kinross Boundary					Fife Boundary		GDHMA	Angus Boundary			
Component	Options	Data Source	Eastern	Greater Perth (net)	Highland	Kinross	Strathearn	St Andrews (net)	Cupar (net)	Dundee	South Angus	Forfar Kirriemuir Glens (net)	Montrose/Brechin	Arbroath
A = Net Current Need			270	995	481	204	309							
B = Annual Net Current Need over next 5 years		Net Current Need / 5	54	199	96	41	62							
C = Annual Newly Arising Need			157	592	75	65	93							
D = Total Annual Need		B + C	211	791	171	106	154							
E = Total Annual Supply			125	534	56	53	92							
Net Annual Housing Need		D - E	86	258	115	52	62							

TOTAL NEED	Angus					Perth & Kinross					North Fife		Total	
	East	North	South	West	Dundee	Eastern	Greater Perth	Highland	Kinross	Strathearn	Cupar & West	St Andrews & East		
TOTAL NEED	710	770	831	752	4,341	628	2,366	383	390	697	834	1,017	13,719	11]total need1563
YEAR 1	710	770	831	752	4,341	628	2,366	383	390	697	834	1,017	13,719	11]total need1563
YEAR 2	710	770	831	752	4,341	628	2,366	383	390	697	834	1,017	13,719	11]total need1563
YEAR 3	710	770	831	752	4,341	628	2,366	383	390	697	834	1,017	13,719	11]total need1563
YEAR 4	710	770	831	752	4,341	628	2,366	383	390	697	834	1,017	13,719	11]total need1563
YEAR 5	710	770	831	752	4,341	628	2,366	383	390	697	834	1,017	13,719	11]total need1563
YEAR 6	710	770	831	752	4,341	628	2,366	383	390	697	834	1,017	13,719	11]total need1563
YEAR 7	710	770	831	752	4,341	628	2,366	383	390	697	834	1,017	13,719	11]total need1563
YEAR 8	710	770	831	752	4,341	628	2,366	383	390	697	834	1,017	13,719	11]total need1563
YEAR 9	710	770	831	752	4,341	628	2,366	383	390	697	834	1,017	13,719	11]total need1563
YEAR 10	710	770	831	752	4,341	628	2,366	383	390	697	834	1,017	13,719	11]total need1563
PERCENTAGE	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	OK
AFFORDABILITY %	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	OK
QUARTILE (Q1)	40%	41%	39%	41%	46%	63%	52%	72%	61%	70%	42%	50%		
QUARTILE (Q2)	34%	39%	24%	31%	23%	22%	26%	19%	28%	18%	33%	30%		
QUARTILE (Q3-Q4)	25%	20%	35%	24%	21%	14%	22%	9%	12%	12%	27%	20%		
QUARTILE (Q1)	0	0	0	0	0	0	0	0	0	0	0	0	0	
QUARTILE (Q1) TOTAL NEED	287	314	321	306	2,009	397	1,231	276	237	487	352	507	6,723	
YEAR 1	287	314	321	306	2,009	397	1,231	276	237	487	352	507	6,723	
YEAR 2	287	314	321	306	2,009	397	1,231	276	237	487	352	507	6,723	
YEAR 3	287	314	321	306	2,009	397	1,231	276	237	487	352	507	6,723	
YEAR 4	287	314	321	306	2,009	397	1,231	276	237	487	352	507	6,723	
YEAR 5	287	314	321	306	2,009	397	1,231	276	237	487	352	507	6,723	
YEAR 6	287	314	321	306	2,009	397	1,231	276	237	487	352	507	6,723	
YEAR 7	287	314	321	306	2,009	397	1,231	276	237	487	352	507	6,723	
YEAR 8	287	314	321	306	2,009	397	1,231	276	237	487	352	507	6,723	
YEAR 9	287	314	321	306	2,009	397	1,231	276	237	487	352	507	6,723	
YEAR 10	287	314	321	306	2,009	397	1,231	276	237	487	352	507	6,723	
QUARTILE (Q2) TOTAL NEED	244	299	216	265	1,429	141	613	74	108	125	256	303	4,074	
YEAR 1	244	299	216	265	1,429	141	613	74	108	125	256	303	4,074	
YEAR 2	244	299	216	265	1,429	141	613	74	108	125	256	303	4,074	
YEAR 3	244	299	216	265	1,429	141	613	74	108	125	256	303	4,074	
YEAR 4	244	299	216	265	1,429	141	613	74	108	125	256	303	4,074	
YEAR 5	244	299	216	265	1,429	141	613	74	108	125	256	303	4,074	
YEAR 6	244	299	216	265	1,429	141	613	74	108	125	256	303	4,074	
YEAR 7	244	299	216	265	1,429	141	613	74	108	125	256	303	4,074	
YEAR 8	244	299	216	265	1,429	141	613	74	108	125	256	303	4,074	
YEAR 9	244	299	216	265	1,429	141	613	74	108	125	256	303	4,074	
YEAR 10	244	299	216	265	1,429	141	613	74	108	125	256	303	4,074	
QUARTILE (Q3-Q4) TOTAL NEED	179	156	295	181	902	90	522	33	45	85	226	206	2,922	
YEAR 1	179	156	295	181	902	90	522	33	45	85	226	206	2,922	
YEAR 2	179	156	295	181	902	90	522	33	45	85	226	206	2,922	
YEAR 3	179	156	295	181	902	90	522	33	45	85	226	206	2,922	
YEAR 4	179	156	295	181	902	90	522	33	45	85	226	206	2,922	
YEAR 5	179	156	295	181	902	90	522	33	45	85	226	206	2,922	
YEAR 6	179	156	295	181	902	90	522	33	45	85	226	206	2,922	
YEAR 7	179	156	295	181	902	90	522	33	45	85	226	206	2,922	
YEAR 8	179	156	295	181	902	90	522	33	45	85	226	206	2,922	
YEAR 9	179	156	295	181	902	90	522	33	45	85	226	206	2,922	
YEAR 10	179	156	295	181	902	90	522	33	45	85	226	206	2,922	

TOTAL SALES NUMBERS	Angus					Perth & Kinross					North Fife		Total
	East	North	South	West	Dundee	Eastern	Greater Perth	Highland	Kinross	Strathearn	Cupar & West	St Andrews & East	
QUARTILE (Q1)	148	181	127	139	895	112	579	74	81	130	160	124	2,750
QUARTILE (Q2)	145	181	117	139	846	121	568	70	80	134	160	124	2,685
QUARTILE (Q3-Q4)	293	360	242	278	1,740	238	1,128	143	161	256	220	248	5,407
CHECK	0	0	0	0	0	0	0	0	0	0	0	0	0
INPUT % INCREASE /DECREASE BY QUARTILE (YEAR ON YEAR INCREASE)	QUARTILE (Q1)												
YEAR 1	-33%	-33%	-33%	-33%	-33%	-33%	-33%	-33%	-33%	-33%	-33%	-33%	-33%
YEAR 2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
YEAR 3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
YEAR 4	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
YEAR 5	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
YEAR 6	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
YEAR 7	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
YEAR 8	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
YEAR 9	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
YEAR 10	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
CHECK	QUARTILE (Q2)												
YEAR 1	-33%	-33%	-33%	-33%	-33%	-33%	-33%	-33%	-33%	-33%	-33%	-33%	-33%
YEAR 2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
YEAR 3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
YEAR 4	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
YEAR 5	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
YEAR 6	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
YEAR 7	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
YEAR 8	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
YEAR 9	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
YEAR 10	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
CHECK	QUARTILE (Q3-Q4)												
YEAR 1	-33%	-33%	-33%	-33%	-33%	-33%	-33%	-33%	-33%	-33%	-33%	-33%	-33%
YEAR 2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
YEAR 3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
YEAR 4	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
YEAR 5	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
YEAR 6	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
YEAR 7	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
YEAR 8	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
YEAR 9	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
YEAR 10	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
CHECK	QUARTILE (Q1)												
BASELINE	148	181	127	139	895	112	579	74	81	130	160	124	2,750
YEAR 1	99	121	85	93	600	75	388	50	54	87	107	83	1,843
YEAR 2	99	121	85	93	600	75	388	50	54	87	107	83	1,843
YEAR 3	99	121	85	93	600	75	388	50	54	87	107	83	1,843
YEAR 4	105	129	90	99	636	80	411	53	58	92	114	88	1,952
YEAR 5	111	136	96	105	674	84	426	56	61	98	120	93	2,070
YEAR 6	118	144	101	111	714	89	462	59	66	104	128	99	2,194
YEAR 7	125	153	107	118	757	95	490	63	69	110	135	105	2,326
YEAR 8	131	162	114	125	802	100	519	66	73	117	143	111	2,466
YEAR 9	141	172	121	132	851	106	550	70	77	124	152	118	2,614
YEAR 10	149	182	128	140	902	113	583	75	82	131	161	125	2,770
BASELINE	145	181	117	139	846	121	568	70	80	134	160	124	2,685
YEAR 1	97	121	78	93	567	81	381	47	54	90	107	83	1,799
YEAR 2	97	121	78	93	567	81	381	47	54	90	107	83	1,799
YEAR 3	97	121	78	93	567	81	381	47	54	90	107	83	1,799
YEAR 4	103	129	83	99	601	86	403	50	57	95	114	88	1,907
YEAR 5	109	136	88	105	637	91	428	53	60	101	120	93	2,021
YEAR 6	116	144	93	111	675	97	453	56	64	107	128	99	2,143
YEAR 7	123	153	99	118	716	102	480	59	68	113	135	105	2,271
YEAR 8	130	162	105	125	759	108	509	63	72	120	143	111	2,407
YEAR 9	138	172	111	132	804	115	540	67	76	127	152	118	2,552
YEAR 10	146	182	118	140	852	122	572	71	81	135	161	125	2,705
BASELINE	293	360	242	278	1,740	238	1,128	143	161	256	220	248	5,407
YEAR 1	196	241	162	186	1,166	159	756	96	108	172	214	166	3,623
YEAR 2	196	241	162	186	1,166	159	756	96	108	172	214	166	3,623
YEAR 3	196	241	162	186	1,166	159	756	96	108	172	214	166	3,623
YEAR 4	208	264	172	197	1,236	169	801	102	114	180	227	176	3,860
YEAR 5	221	271	182	209	1,310	179	849	108	121	193	241	187	4,070
YEAR 6	234	287	193	222	1,388	190	900	114	128	204	255	198	4,315
YEAR 7	248	305	205	235	1,472	201	954	121	136	217	271	210	4,574
YEAR 8	263	323	217	249	1,560	213	1,011	128	144	230	287	222	4,848

10,842

Total Annual Decline in Supply Due to Recession

3,578

3,578

3,578

3,142

2,680

2,150

1,671

1,121

538

-81

21,995

7,264

7,264

7,264

8,162

8,652

9,171

9,721

10,304

10,923

YEAR 9	278	342	230	264	1,654	226	1,072	136	153	243	304	236	5,139
YEAR 10	295	363	244	280	1,753	240	1,186	144	162	258	322	250	5,447

NET @ QUARTILE LEVEL QUARTILE (Q1)	Angus				Dundee	Perth & Kinross					North Fife		Total
	East	North	South	West		Eastern	Greater Perth	Highland	Kinross	Strathearn	Cupar & West	St Andrews & East	
BASELINE	139	133	194	167	1,114	285	652	209	156	357	192	383	3,973
YEAR 1	188	193	236	213	1,409	322	843	226	183	400	245	424	4,880
YEAR 2	188	193	236	213	1,409	322	843	226	183	400	245	424	4,880
YEAR 3	188	193	236	213	1,409	322	843	226	183	400	245	424	4,880
YEAR 4	182	185	231	207	1,373	317	819	223	179	395	238	419	4,770
YEAR 5	176	178	225	201	1,335	318	795	249	176	389	252	413	4,653
YEAR 6	169	170	219	195	1,295	308	769	217	172	384	224	408	4,529
YEAR 7	162	161	213	188	1,252	302	741	213	168	377	217	402	4,397
YEAR 8	154	152	207	181	1,206	297	711	210	164	371	209	396	4,257
YEAR 9	146	142	200	174	1,158	290	680	206	160	364	200	389	4,109
YEAR 10	138	132	193	166	1,107	284	647	201	155	356	191	382	3,953
QUARTILE (Q2)													
BASELINE	99	118	99	126	583	20	45	4	28	-9	96	179	1,389
YEAR 1	147	178	138	172	863	60	233	27	85	35	149	220	2,275
YEAR 2	147	178	138	172	863	60	233	27	85	35	149	220	2,275
YEAR 3	147	178	138	172	863	60	233	27	85	35	149	220	2,275
YEAR 4	141	171	133	166	829	55	210	24	51	29	143	215	2,167
YEAR 5	135	165	128	160	793	50	186	21	48	24	136	210	2,053
YEAR 6	128	155	123	154	754	44	160	18	44	18	129	205	1,931
YEAR 7	121	146	117	147	714	38	133	15	40	11	121	199	1,803
YEAR 8	114	137	111	140	671	32	104	11	36	5	113	192	1,667
YEAR 9	106	127	105	133	625	26	73	7	32	-3	104	186	1,522
YEAR 10	98	117	98	125	577	19	41	3	28	-10	95	179	1,369
QUARTILE (Q3-Q4)													
BASELINE	-114	-204	53	-97	-838	-148	-606	-110	-116	-171	-94	-42	-2,485
YEAR 1	-17	-85	132	-5	-263	-69	-234	-63	-63	-86	11	40	-701
YEAR 2	-17	-85	132	-5	-263	-69	-234	-63	-63	-86	11	40	-701
YEAR 3	-17	-85	132	-5	-263	-69	-234	-63	-63	-86	11	40	-701
YEAR 4	-29	-99	123	-16	-333	-79	-279	-69	-69	-96	-2	30	-918
YEAR 5	-41	-115	112	-28	-408	-89	-327	-75	-76	-107	-15	20	-1,149
YEAR 6	-55	-131	102	-40	-486	-100	-378	-81	-84	-119	-30	8	-1,393
YEAR 7	-69	-148	90	-54	-569	-111	-432	-88	-91	-131	-45	-3	-1,652
YEAR 8	-84	-166	78	-68	-658	-123	-489	-95	-99	-144	-61	-16	-1,926
YEAR 9	-99	-186	65	-83	-751	-136	-550	-103	-108	-158	-79	-29	-2,217
YEAR 10	-116	-206	51	-99	-851	-149	-614	-111	-117	-172	-97	-43	-2,526

2,877
0
6,454
6,454
6,454
6,454
5,557
5,067
4,548
3,998
3,414
2,796
50,761

1
5
10

QUARTILE (Q1) NOTE +VE = NEED AND -VE = OVER SUPPLY

QUARTILE (Q2)	East	North	South	West	Dundee	Eastern	Greater Perth	Highland	Kinross	Strathairn	Cupar & W	St Andrews & East	Angus	Dundee	Perth & Kinross	North Fife	
2009	181	151	231	211	1,401	322	341	224	181	402	281	421	200	821	1,420	1,574	661
2011	176	178	221	201	1,181	311	795	220	170	380	232	411	2011	780	1,335	1,801	641
2018	138	132	191	166	1,107	284	647	201	155	354	191	382	2018	628	1,107	1,644	571

4,880

4,653

3,953

QUARTILE (Q2)

Annual	East	North	South	West	Dundee	Eastern	Greater Perth	Highland	Kinross	Strathairn	Cupar & W	St Andrews & East	Angus	Quartile 1 and 2									
														Angus	Dundee	Perth & Kinross	North Fife						
2009	147	178	138	172	861	60	211	27	51	140	220	2009	614	861	409	170	2,059	1,440	2,272	2,381	1,038	1,461	
2011	130	168	126	160	791	50	386	21	48	24	136	230	2011	586	780	328	346	2,011	1,366	2,124	2,251	991	1,366
2018	98	117	98	125	577	19	41	3	28	-10	95	179	2018	438	577	80	274	2,018	1,056	1,684	1,725	846	1,066

2,376

2,053

1,369

QUARTILE (Q3-Q4)

Annual	East	North	South	West	Dundee	Eastern	Greater Perth	Highland	Kinross	Strathairn	Cupar & W	St Andrews & East	Angus	Dundee	Perth & Kinross	North Fife	
2009	17	85	132	-5	-261	-69	-234	-63	-61	-86	11	40	2009	-26	-261	-515	51
2011	-41	115	122	28	-68	-69	-137	75	-76	-107	-15	20	2011	-71	-606	-674	-1
2018	-116	206	51	99	-85	-140	-114	-111	-117	-172	-97	-41	2018	370	851	-1,165	-140

Total

6,454

-701

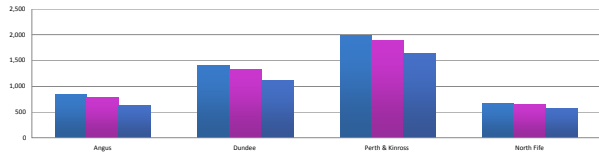
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-2,526

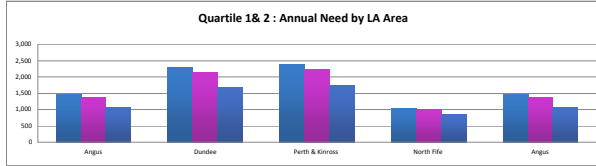
5,857

2,796

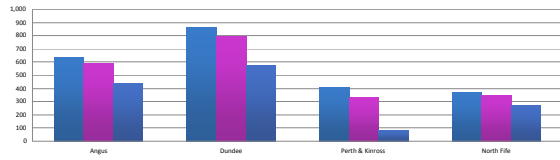
Quartile 1: Annual Need by LA Area



Quartile 1 & 2 : Annual Need by LA Area



Quartile 2 : Annual Need by LA Area



Quartile 3-4 : Annual Need by LA Area:

