

19 HAYLE

BELGROVE

TAMWORTH B77-2JZ

22nd OCTOBER 2015

20 JUL 2015 ~~21~~ OCT 2015

MR MATTHEW BOWERS
HEAD OF PLANNING & REGENERATION
TAMWORTH BOROUGH COUNCIL
MAYFLOW HOUSE
LICHFIELD STREET
TAMWORTH B79-7BZ

23 OCT 2015

DEAR MR BOWERS

I ENCLOSE HEREWITH MY RESPONSES TO THE LOCAL PLAN
MAIN MODIFICATIONS CONSULTATION.

I ALSO ENCLOSE A COPY OF A REPORT I HAVE PREPARED
FOR AN IMPORTANT DECISION MAKERS.

ENTITLED TAMWORTH - A FUTURE IN JEOPARDY,
WHICH RAISES CONCERNS.

IT MAY BE HELPFUL TO YOU TO MEET WITH ME AFTER
YOU HAVE READ THE REPORT, SO THAT YOU CAN UNDERSTAND
FULLY THE IMPLICATIONS, FOR TAMWORTH AS THINGS STAND,
TAMWORTH IS THE ONLY AUTHORITY IN STAFFORDSHIRE
NOT SHOWING GROWTH FOR 2013, 2014,

IT IS ALSO THE AUTHORITY THAT HAS THE HIGHEST

PER ANNUM) PERCENTAGE OF OUTWARD MIGRATION FOR THIS PERIOD. - 45%

I SEEK TO ENCOURAGE MITIGATION TO PREVENT THE

CONTINUATION OF AN ENZINGING DECLINE

THE CHART ATTACHED GIVES EVIDENCE OF THE
STRENGTHS MADE.

Yours sincerely
Ken Forest

ENCLOSURE CHART, AS STATED

5 COMPLETED RESPONSE FORMS

COPY OF REPORT - TAMWORTH A FUTURE IN JEOPARDY

TABLE 1 STAFFORDSHIRE GROWTH AREAS BY PERCENTAGE 2012-2014
SOURCE POPULATION STATISTICS ONS

		2012	2014	CHANGE	%
ABOVE MEAN 1/	SOUTH STAFFORDSHIRE	108,441	110,692	+2,251	+2.08%
ABOVE MEAN 2/	NEWCASTLE UNDER LYME	124,883	126,052	+1,169	+1.05%
ABOVE MEAN 3/	EAST STAFFORDSHIRE	144,888	145,663	+775	+0.54%
ABOVE MEAN 4/	LICHFIELD	101,886	102,093	+207	+0.20%
BELOW MEAN 5/	CANNOCK CHASE	97,940	98,549	+609	+0.62%
BELOW MEAN 6/	STAFFORDSHIRE MOORLANDS	97,237	97,763	+526	+0.54%
BELOW MEAN 7/	STAFFORD	131,630	132,241	+611	+0.46%
NEGATIVE 8/	TAMWORTH	77,118	77,112	-6	-0.01%
	STAFFORDSHIRE	852,123	860,165	+8,042	+0.94%
BELOW MEAN. STROKE ON TRENT		249,903	251,027	+1,124	+0.45%
	TOTAL OVERALL (MEAN)	1,102,026	1,111,192	+9,166	+0.83%

LEGEND TABLE OF STAFFORDSHIRE GROWTH AREAS BY PERCENTAGE OF TOTAL GROWTH IN POPULATION FOR THE PERIOD 2012-2014

					AREA OF INTEREST	
1	SOUTH STAFFORDSHIRE	+ 2,251	+ 24.56 %	SHARE	YES	24.56%
2	NEWCASTLE UNDER LYME	+ 1,169	+ 20.39 %	SHARE	X	
3	EAST STAFFORDSHIRE	+ 1,275	+ 13.91 %	SHARE	X	
4	STROKE ON TRENT	+ 1,124	+ 12.26 %	SHARE	X	
5	LICHFIELD	+ 907	+ 9.90 %	SHARE	YES	9.90%
6	STAFFORD	+ 611	+ 6.67 %	SHARE	X	
7	CANNOCK CHASE	+ 609	+ 6.64 %	SHARE	YES	6.64%
8	STAFFORDSHIRE MOORLANDS	+ 526	+ 5.74 %	SHARE	X	
9	TAMWORTH	- 6	- 0.07 %	SHARE	YES	-0.07%
	TOTAL	+ 9,166	+ 100 %		TOTAL	41.03%

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List of Contents and Data Sheets With Informative Notes

Sheet Nos.

1. Details of combined changes by final age and sex for period 2012/13 and 2013/4 - ie, two years. The percentages used are the combined changes from the previous year.

This combined data is calculated and combined into the ONS age groups on the following sheets. The figures are not totals. For instance, it may occur in one year that there has been an inward migration of a nominal 3, while the following year there was an outward migration of 3. In which case the net total would be zero. The results have been incorporated as changes in the following pages because individual age groups have low change numbers which indicate small number uncertainties. Grouping them by age groups increases the overall accuracy levels.

2. This sheet gives details of the population by age group and gender. It also gives the numerical total net changes and percentages for the mid years ending 2013/2014. Also included is the projection for 2015, taking account of data sheet one above. The totals at the bottom give change from the previous year and also the total change from the previous year, excluding new births,

3. As sheet 2 above with projections for the mid-year periods 2016, 2017, 2018.

4. As sheet 2 above with projections for the mid-year periods 2019, 2020, 2022.

Note: Deaths and migration cannot be separated and have been combined in sheet 1. Because details of deaths by age and gender for 2014 have yet to be released by ONS. The release date is scheduled for the end of 2015, although 2014 deaths appear lower than may be expected.

5. This sheet is used to inform the projected birth rates for the projected years above. The figures are based on the fertility rates for all age groups from 2013 data projected for the following year, 2014. Note that whilst the actual births stated by ONS varies from 899 initially, subsequent information gave 903 and the 2014 population estimates gave 911. Having queried this with ONS, they have explained that the difference is due to deaths and migration for the period. On this basis the higher figure has been used in the projections. This potentially increases the expected numbers. ONS has also released information that young person/teenage pregnancies have declined by around 9% nationally. This has been built into the projected figures which are 2013 based.

It is possible that when the 2014 Birth and Fertility rates are released at the end of the year some nominal adjustments may be required. The actual change/decline indicates a likely change is greater than projected in the older age groups. The existing fertility rates have been retained at the 2013

level. The percentage of births male/female ratio has been retained at 50.93% / 49.93% based on ONS mid 2014 figures.

The projected birth rates are in decline mainly due to the migration of fertile females moving out of the town. This rate of decline is expected to reduce in the longer term.

6. Changes in population by year, gender, and individual age groups. For the mid-year figures ending 2009, 2010, 2011, 2012, 2013, between the final years age 17 - 26. These have been detailed because of the relatively high level of outward movement in the age groups up to 21 and the relatively high inward migration for years 22 - 26. The net combined totals at the bottom indicate a clear negative figure overall with males declining in 2014, but females increasing for the same year.

7. This chart covers the 5 year changes in young persons of both genders for the period ending in 2011, 2012, 2013, 2014, ages 15 - 34. Note that the majority of the combined totals are mainly in decline which appears to be on the increase particularly with females. The 5 year negative change has peaked in 2014 at -538 overall. It is this level of apparent increase which is the cause of the major concern high spots underlined.


8. This data sheet summarises the changes in population by gender and totals by cause births less deaths and migration yearly using mid year periods from 2008 to 2014. The net changes are shown in numerical and in percentage terms. Note that from 2009 there appears to be an increasing general downward change both numerically and in percentage terms, with the decline trend peaking in 2013. The figures up to 2014 are based on ONS data. Post 2014 to 2021 I have used my projected figures. Note that by 2016 the population projections indicate that the population will only be 50 higher than in 2011, with births in general decline and deaths and migration on the increase. This will accelerate in time, projected to reach minus (-)206 by 2021. It is considered that should this trend continue as predicted this is serious for Tamworth.

9. This is an illustrative chart to scale.. It illustrates the changes that have occurred in the population since 2001. It shows the slight decline starting in 2012 and then rapidly accelerating decline into negative growth by 2014.

This chart also shows the projected figures detailed. It also includes the current 2012 projection and the apparent excess caused by what appears to be the failure to take account of the 2011-2012 decline.

The shaded areas show differences of 616 by 2014. This is expected to increase to 1013 by 2015. Then too reach a difference of 3899 by 2021. Unless something occurs to reduce this

10. Other relevant information. Enclosed is a copy of table 2 which heads the 2012 sub national population projections for Tamworth.



3rd Paragraph. This paragraph clearly states that the projections do not take account of any policy changes that have not yet occurred. Nor those that have not yet had an impact on observed trends.

It is believed that the budget changes that came into effect in the spring of 2013 have had a substantial adverse effect that could not be assessed in detail because the effect varies from local authority to local authority. Therefore the disclaimer by ONS effectively nullifies responsibility for failing to take this into account at the time.

Paragraph 2 states that the students are taken to be resident at their term time addresses. This explains why there are substantial reductions in Tamworth's younger age groups.

11. This is a copy of a press release dated 8th October 2015 which states that over 70% of Landau Forte academy students go on to university.

MALE			FEMALE			MALE			FEMALE		
No	No	%	No	No	%	No	No	%	No	No	%
0-1	+6	+0.605	+12	+1.277		45-46	-20	-1.729	-14	-1.283	
1-2	+1	+0.100	-24	-2.518		46-47	0	0	+11	+0.952	
2-3	-6	-0.568	+3	+0.323		47-48	-3	-0.256	-13	-1.086	
3-4	-9	-0.538	+18	+1.798		48-49	-7	-0.093	-13	-1.144	
4-5	+2	+0.185	+3	+0.292		49-50	+3	+0.283	-10	-0.887	
5-6	-20	-1.890	-10	-1.033		50-51	-19	-1.513	-9	-0.821	
6-7	+5	+0.522	-5	-0.546		51-52	-2	-0.206	+7	+0.661	
7-8	+3	+0.310	-17	-1.986		52-53	-25	-2.530	-5	-0.462	
8-9	0	0	-3	-0.336		53-54	0	0	-9	-0.851	
9-10	-18	-1.850	-16	-1.816		54-55	-21	-2.368	+12	+1.164	
10-11	0	0	-10	-1.212		55-56	-28	-0.882	-4	-0.387	
11-12	-15	-1.650	+2	+0.234		56-57	-16	-1.690	-7	-0.702	
12-13	-8	-0.842	+16	+1.800		57-58	-13	-1.382	-16	-1.655	
13-14	-9	-0.950	-8	-0.889		58-59	-19	-1.990	-4	-0.412	
14-15	-6	-0.596	+4	+0.441		59-60	+4	+0.422	+1	+0.102	
15-16	-9	-0.847	-4	-0.406		60-61	-19	-2.013	-6	-0.642	
16-17	-14	-1.363	+3	+0.303		61-62	-30	-3.319	-9	-0.978	
17-18	-30	-3.067	-37	-3.862	X	62-63	-13	-1.498	-13	-1.350	
18-19	-110	-11.790	-180	-18.067	X	63-64	-19	-2.072	-30	-3.046	X
19-20	-45	-5.294	-38	-4.663	X	64-65	-16	-1.634	-18	-1.809	
20-21	+4	+0.487	+34	+4.177		65-66	-23	-2.250	-10	-0.978	
21-22	+33	+3.837	+62	+6.958	X	66-67	-19	-2.077	-4	-0.419	
22-23	+34	+3.769	+21	+2.248	X	67-68	-7	-0.859	-9	-1.100	
23-24	+39	+4.212	+19	+2.023	X	68-69	-22	-2.689	-6	-0.758	
24-25	-24	-2.372	+15	+1.462	X	69-70	-1	-0.131	-12	-1.542	
25-26	+7	+0.690	-8	-0.741	X	70-71	-2	-0.304	-4	-0.584	
26-27	-12	-1.345	+7	+0.640		71-72	-22	-3.819	-21	-3.307	X
27-28	-16	-1.677	+8	+0.733		72-73	-9	-1.727	-19	-2.973	X
28-29	-16	-1.538	+12	+1.108		73-74	-13	-2.495	-16	-2.581	X
29-30	-2	-0.196	+2	+0.192		74-75	-18	-3.523	-14	-2.500	X
30-31	-6	-0.599	-9	-0.853		75-76	-16	-3.313	-16	-3.226	X
31-32	-7	-0.721	-1	-0.095		76-77	-17	-3.803	-3	-0.634	
32-33	+4	+0.398	0	0		77-78	-15	-3.797	-14	-2.985	X
33-34	0	0	+7	+0.692		78-79	-18	-5.248	-17	-4.106	X
34-35	-2	-0.221	-7	-0.745		79-80	-22	-6.811	-14	-3.182	X
35-36	+5	+0.589	-13	-1.429		80-81	-8	-2.807	-9	-1.961	
36-37	-26	-2.697	-23	-2.396	X	81-82	-27	-10.150	-12	-2.993	
37-38	-17	-1.740	-5	-0.519		82-83	-12	-4.858	-29	-8.406	X
38-39	-22	-2.243	-20	-2.018	X	83-84	-19	-8.837	-11	-3.514	
39-40	-8	-0.732	+10	+0.899		84-85	-24	-11.765	-25	-8.475	
40-41	-7	-0.610	-27	-2.228	X	85-86	-13	-8.125	-28	-10.853	X
41-42	+8	+0.694	-6	-0.502		86-87	-23	-16.667	-21	-8.714	
42-43	-12	-1.026	-10	-0.810		87-88	-15	-13.274	-19	-8.482	
43-44	+25	+2.076	-8	-0.654		88-89	-15	-17.045	-14	-6.635	
44-45	-15	-1.210	+13	+1.121		89-90	-60	-21.352	-156	-19.524	

BASCO DOWNS POPULATION STATISTICS

PROJECTIONS

AGE GROUPS	2013			% CHANGES			2014			% CHANGES			2015			% CHANGES		
	Male	Female	Total	M	F	Tot	Male	Female	Total	M	F	Tot	Male	Female	Total	M	F	Tot
0	596	465	961	-	-	-	464	447	911				458	442	900			
1-4	2964	1943	4907				2051	1838	3889				1957	1850	3807			
	+1	-2	-1	+048	-103	-025	-9	+11	+2	-437	+386	+051	-3	+3	0	-153	+162	0
TOTAL 0-4	2570	2406	4976				2515	2335	4850				2415	2292	4707			
	+1	-2	-1	562	ADJUST		-9	+11	+2	562	ADJUST		-3	+3	0	562	ADJUST	
5-9	2548	2284	4832				2524	2336	4860				2588	2392	4980			
	-5	-19	-24	-196	-821	-493	-5	-13	-18	-198	-353	-367	-5	-18	-23	-193	-747	-4
10-14	2280	2154	4434				2311	2179	4490				2316	2131	4447			
	-34	-5	-39	-1469	-232	-672	-16	-11	-27	-655	-502	-555	-25	-10	-35	-1068	-447	-78
15-19	2430	2332	4762				2408	2274	4682				2372	2232	4604			
	-75	-125	-200	-2974	-5058	-4031	-76	-89	-165	-3034	-3746	-3581	-79	-103	-182	-3023	-4411	-38
20-24	2216	2264	4480				2209	2227	4436				2166	2205	4371			
	+5	+46	+51	+226	+2914	+1051	+60	+52	+112	+2792	+2391	+2510	+32	+47	+79	+1000	+2178	+181
25-29	2455	2727	5182				2396	2650	5046				2335	2610	4945			
	-30	+30	0	-1207	+1111	0	-31	+4	-27	-127	+149	-529	-30	+16	-14	-1268	-617	-62
30-34	2486	2551	5037				2495	2628	5123				2503	2640	5143			
	-4	-9	-13	-161	-351	-257	-7	+8	+1	-280	+305	+020	-6	-1	-7	-239	-038	-13
35-39	2342	2354	4696				2274	2311	4585				2301	2350	4651			
	-13	-19	-32	-552	-791	-673	-49	-49	-98	-2109	-2016	-2093	-27	-33	-60	-1160	-1385	-12
40-44	2940	3035	5975				2834	2902	5736				2680	2756	5436			
	0	-26	-26	0	-849	-433	+6	-15	-9	+212	-514	-157	+4	-19	-15	-147	-690	-2
45-49	2836	2821	5657				2905	2870	5775				2922	2863	5785			
	+5	-8	-3	+172	-242	-053	-44	-34	-78	-1496	-1471	-1333	-19	-23	-42	-646	-797	-7
50-54	2464	2670	5134				2508	2706	5214				2564	2724	5288			
	-29	+2	-27	-1163	+2914	-521	-10	-28	-38	-377	-1024	-724	-20	-12	-32	-774	-439	-6
55-59	2304	2486	4790				2256	2493	4749				2255	2557	4812			
	-56	-17	-73	-2372	-679	-1504	-21	-2	-23	-922	-980	-482	-38	-10	-48	-1657	-390	-9
60-64	2266	2373	4639				2238	2352	4590				2229	2318	4547			
	-46	-19	-60	-1727	-794	-1277	-36	-38	-74	-1583	-1590	-1587	-39	-28	-67	-1720	-963	-14
65-69	2219	2241	4460				2234	2294	4528				2226	2363	4589			
	-34	-25	-59	-1509	-1103	-1306	-53	-22	-75	-2317	-930	-1627	-42	-25	-67	-1482	-963	-61
70-74	1444	1606	3050				1545	1679	3224				1672	1708	3380			
	-14	-29	-43	-760	-1773	-1350	-33	-43	-76	-2091	-2497	-2303	-27	-37	-64	-1589	-2120	-14
75-79	1012	1141	2153				1083	1207	2290				1111	1280	2391			
	-46	-32	-78	-4348	-2725	-3490	-38	-32	-70	-3389	-2582	-2966	-46	-36	-82	-3976	-2736	-31
80-84	617	943	1560				631	940	1571				655	958	1613			
	-44	-35	-79	-6657	-3578	-4520	-44	-40	-84	-6519	-4082	-5070	-47	-40	-87	-6670	-4003	-51
85-89	294	560	854				319	562	881				327	562	889			
	-48	-58	-106	-14035	-9385	-11041	-42	-49	-91	-11634	-8020	-9342	-48	-54	-102	-12080	-8766	-10
90+	106	306	412				115	337	452				123	346	469			
	-37	-83	-120	-25874	-2337	-22550	-23	-73	-96	-1646	-17605	-19302	-33	-84	-117	-21075	-19535	-19
TOTAL	37829	39328	77157	499	433	932	37800	39312	77112	-493	463	954	37760	39287	77047	498	467	965
PERCENT CHANGES	+7	+32	+39	1319	1102	1209	-29	-16	-45	1303	1177	1239	-40	-25	-65	1317	1188	1212

Page 1A
CHANGES

Age- Group	2016			% CHANGES			2017			% CHANGES			2018			% CHANGES		
	Male	Female	Total	M	F	Total	Male	Female	Total	M	F	Total	Male	Female	Total	M	F	Total
0	458	438	892				449	433	882				445	428	873			
1-4	1921	1828	3749				1893	1799	3692				1827	1761	3588			
	-4	+5	+1	-208	+24	+127	-4	+4	0	-212	+223	0	-4	+4	0	-218	+228	10
Total 0-4	2375	2266	4641				2332	2232	4564				2272	2189	4461			
	-4	+5	+1	SEE ABOVE			-4	+4	0	SEE ABOVE			-4	+4	0	SEE ABOVE		
5-9	2588	2418	5006				2593	2402	4995				2526	2388	4914			
	-5	-19	-24	-193	-780	-477	-3	-19	-22	-116	-785	-439	-3	-19	-22	-119	-789	-44
10-14	2301	2106	4401				2346	2143	4489				2458	2200	4658			
	-26	-9	-35	-107	-427	-789	-25	-8	-33	-1054	-372	-730	-27	-11	-38	-1067	-488	-81
15-19	2343	2198	4541				2226	2112	4338				2134	2051	4185			
	-83	-109	-172	-344	-4725	-4057	-80	-99	-179	-3447	-4483	-3963	-74	-96	-170	-3351	-4471	-379
20-24	2116	2113	4229				2119	2079	4198				2132	2037	4169			
	+30	+48	+78	+438	+2324	+1879	+27	+42	+69	+1291	+2062	+1467	+26	+43	+69	+1235	+2156	+161
25-29	2404	2576	4980				2395	2517	4912				2305	2433	4738			
	-31	+17	-14	-123	+664	-280	-30	+16	-14	-1237	+640	-284	-30	+15	-15	-1285	+620	-31
30-34	2394	2677	5071				2365	2689	5054				2364	2749	5113			
	-6	-1	-7	-250	-037	-137	-5	-2	-7	-211	-074	-138	-5	-1	-6	-211	-036	-11
35-39	2296	2349	4645				2328	2440	4768				2428	2481	4909			
	-27	-35	-62	-112	-1445	-1317	-29	-34	-63	-1230	-1374	-1304	-32	-36	-68	-1301	-1430	-131
40-44	2584	2587	5171				2416	2448	4864				2217	2245	4462			
	+2	-17	-15	+077	-653	-289	+4	-17	-13	+166	-690	-267	+2	-15	-13	+090	-664	-25
45-49	2889	2872	5761				2925	2863	5788				2885	2924	5809			
	-19	-20	-39	-653	-692	-672	-20	-22	-42	-679	-763	-720	-20	-21	-41	-658	-712	-71
50-54	2658	2778	5436				2692	2792	5484				2739	2729	5468			
	-23	-13	-36	-858	-466	-658	-24	-13	-37	-884	-463	-670	-23	-13	-36	-833	-474	-65
55-59	2244	2590	4834				2225	2613	4838				2312	2650	4962			
	-37	-11	-48	-622	-423	-783	-37	-10	-47	-636	-381	-762	-40	-10	-50	-670	-376	-79
60-64	2231	2328	4559				2213	2361	4574				2150	2391	4541			
	-38	-27	-65	-615	-1146	-1406	-38	-29	-67	-688	-1213	-1444	-37	-28	-67	-692	-1158	-14
65-69	2211	2360	4571				2123	2254	4377				2054	2206	4260			
	-43	-24	-67	-6908	-1077	-1445	-42	-23	-65	-1940	-1010	-1463	-40	-23	-63	-1910	-1032	-14
70-74	1771	1804	3575				1943	1980	3923				2044	2088	4132			
	-30	-40	-70	-666	-2169	-1920	-32	-42	-74	-620	-2077	-1851	-33	-44	-77	-589	-2064	-18
75-79	1128	1306	2434				1156	1346	2502				1225	1409	2634			
	-46	-35	-81	-3918	-2410	-3221	-48	-36	-84	-3987	-2605	-3248	-49	-39	-88	-3946	-2463	-32
80-84	690	784	1474				735	973	1708				770	958	1728			
	-47	-43	-90	-6444	-4187	-5131	-53	-39	-92	-6726	-3853	-5111	-54	-38	-92	-6553	-3815	-500
85-89	349	568	917				353	604	957				365	660	1025			
	-51	-54	-105	-12950	-8692	-10273	-51	-58	-109	-12624	-8135	-10206	-56	-63	-119	-1332	-8714	-10
90+	132	357	489				133	358	491				145	361	506			
	-36	-87	-123	-21429	-19394	-20418	-36	-87	-123	-21332	-19351	-20433	-39	-88	-127	-21196	-19387	-20
TOTAL P.L.O. CHANGES	37694	39251	76945	520	474	994	37618	39209	76827	525	476	1001	37524	39153	76677	539	482	10
	-68	-35	-122	-1377	-1207	-1290	-76	-43	-119	-1393	-1213	-1301	-94	-55	-149	-1428	-1228	-15

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AGE GROUP	2019			% CHANGE			2020			% CHANGE			2021			% CHANGE		
	Male	Female	Total	M	F	Tot	Male	Female	Total	M	F	Tot	Male	Female	Total	M	F	Tot
0	441	424	865				435	419	854				429	413	842			
1-4	1908	1741	3649				1791	1722	3513				1771	1700	3471			
	-4	+3	-1	-221	+772	-028	-4	+3	-1	-223	+175	-028	-4	+2	-2	-226	+118	-10
5-9	2247	2165	4414				2226	2141	4367				2200	2113	4313			
	-4	+3	-1	SEE ABOVE			-4	+3	-1	SEE ABOVE			-4	+2	-2	SEE ABOVE		
10-14	2474	2307	4783				2374	2265	4642				2334	2243	4577			
	-3	-18	-21	-121	-774	-0437	-4	-18	-22	-165	-787	-0402	-4	-17	-21	-171	-752	-4
15-19	2443	2237	4680				2505	2291	4796				2506	2318	4824			
	-25	-11	-36	-1023	-489	-763	-27	-10	-37	-1066	-435	-765	-26	-9	-35	-1027	-387	-7
20-24	2157	2069	4226				2162	2024	4186				2156	1999	4155			
	-72	-97	-169	-3230	-4478	-3845	-72	-95	-167	-3223	-4483	-3836	-66	-90	-156	-2970	-4308	-31
25-29	2118	1965	4083				2084	1926	4010				2077	1904	3981			
	+31	+45	+76	+485	+344	+1897	+33	+40	+73	+576	+274	+850	+32	+40	+72	+565	+2746	+18
30-34	2279	2411	4690				2234	2385	4619				2186	2284	4470			
	-28	+16	-12	-124	+669	-255	-28	+15	-13	-1238	+629	-281	-28	+14	-14	-1265	+617	-3
35-39	2311	2704	5015				2250	2634	4884				2318	2601	4919			
	-5	-1	-6	-216	-537	-119	-6	0	-6	-266	0	-123	-5	+1	-4	-215	+538	-01
40-44	2427	2534	4961				2436	2547	4983				2331	2601	4932			
	-31	-36	-67	-1261	-1401	-1333	-31	-36	-67	-1257	-1394	-1327	-30	+38	-68	-1271	-1440	-13
45-49	2772	2202	4974				2196	2238	4434				2186	2238	4424			
	+2	-14	-12	+072	-632	-274	+3	-14	-11	+137	-622	-247	+1	-15	-14	+046	-666	-36
50-54	2789	2791	5580				2636	2653	5289				2542	2490	5032			
	-18	-22	-40	-641	-782	-712	-16	-18	-34	-603	-674	-639	-16	-18	-34	-625	-718	-6
55-59	2822	2786	5608				2838	2780	5618				2805	2787	5592			
	-25	-13	-38	-878	-464	-673	-23	-14	-37	-804	-501	-654	-25	-13	-38	-893	-464	-67
60-64	2337	2675	5012				2389	2691	5080				2477	2745	5222			
	-39	-11	-50	-1061	-410	-710	-41	-11	-52	-1716	-407	-1013	-42	-10	-52	-1667	-363	-7
65-69	2072	2394	4466				2093	2463	4556				2082	2496	4578			
	-36	-27	-63	-1092	-1113	-1383	-34	-27	-61	-1598	-1084	-1321	-36	-28	-64	-1700	-1109	-17
70-74	2027	2187	4214				2020	2156	4176				2021	2165	4186			
	-40	-22	-62	-1935	-996	-1450	-39	-21	-60	-1894	-965	-1416	-39	-22	-61	-1893	-1006	-14
75-79	2066	2136	4202				2057	2196	4253				2043	2188	4231			
	-35	-47	-82	-1666	-2183	-1914	-36	-50	-86	-1720	-2226	-1982	-36	-51	-87	-1732	-2278	-20
80-84	1324	1475	2799				1433	1502	2935				1517	1589	3106			
	-53	-41	-94	-3848	-2704	-3249	-57	-40	-97	-3978	-2594	-3099	-60	-42	-102	-3805	-2575	-30
85-89	821	1022	1843				840	1085	1925				852	1107	1959			
	-57	-42	-99	-6492	-3475	-598	-59	-44	-103	-6563	-3597	-5099	-61	-44	-105	-6681	-3823	-51
90+	371	646	1017				385	655	1040				402	675	1077			
	-55	-64	-119	-12911	-7014	-1045	-58	-63	-121	-13092	-8774	-10422	-60	-64	-124	-12987	-8660	-10
TOTAL	153	372	525				158	375	533				169	383	552			
	-41	-90	-131	-2103	-1946	-2057	-42	-91	-133	-2100	-19528	-19970	-46	-93	-139	-21395	-19588	-20
PER 1000	37432	37085	76517	534	492	1028	37326	37010	76336	541	494	1035	37204	36926	76130	551	497	104
CHANGE	-92	-68	-160	-1423	-1257	-1338	-106	-75	-181	-1448	-1244	-1353	-124	-84	-206	-1476	-1274	-103

PER 1000
CHANGE

PUBLISHED BIRTH RATES FOR THE FUTURE
BASED ON THE LATEST INFORMATION

BIRTHS BY SEX

AGE GROUPS	15-19	20-24	25-29	30-34	35-39	40-44	+1	TOTAL	MALE	FEMALE
N ^o FEMES	2332	2264	2727	2557	2384	3035		15299	50.93%	49.07%
2013 FRAT/1000	24.01	87.01	106.34	92.68	41.95	7.88		59.65		
BIRTHS 2014	56	197	290	237	100	30+1	1	911	464	447
N ^o FEMES	2274	2227	2680	2628	2311	2902		15022	50.93%	49.07%
2014 FRAT/1000	23.42	87.11	105.97	92.84	41.97	9.99		59.91		
BIRTHS 2015	51	194	284	244	97	29+1	1	900	458	442
N ^o FEMES	2232	2205	2610	2640	2350	2756		14793	50.93%	49.07%
2015 FRAT/1000	22.40	87.07	106.13	92.80	42.12	10.16		60.30		
BIRTHS 2016	50	192	277	245	99	28+1	1	892	454	438
N ^o FEMES	2198	2113	2576	2697	2349	2587		14520	50.93%	49.07%
2016 FR/1000	22.29	87.05	105.48	92.70	42.15	10.05		60.74		
BIRTHS 2017	49	184	273	250	99	26+1	1	882	449	433
N ^o FEMES	2112	2079	2517	2689	2440	2448		14285	50.93%	49.07%
2017 FR/1000	22.25	87.06	106.05	92.60	42.21	10.21		61.11		
BIRTHS 2018	47	181	267	249	103	25+1	1	873	445	428
N ^o FEMES	2051	2037	2433	2749	2451	2245		13796	50.93%	49.07%
2018 FR/1000	22.42	86.59	106.04	92.76	42.32	10.24		61.80		
BIRTHS 2019	46	177	258	255	105	23+1	1	863	441	424
N ^o FEMES	2069	1965	2411	2704	2534	2202		13585	50.93%	49.07%
2019 FR/1000	22.23	87.02	106.18	92.93	42.23	9.99		61.51		
BIRTHS 2020	46	171	256	251	107	22+1	1	854	435	419
N ^o FEMES	2024	1926	2385	2634	2547	2238		13754	50.93%	49.07%
2020 FR/1000	22.03	87.23	106.04	92.63	42.40	10.28		61.22		
BIRTHS 2021	45	168	253	244	108	23+1	1	842	429	413
N ^o FEMES	1999	1904	2284	2601	2601	2238		13642	50.93%	49.07%
2021 FR/1000	22.01	87.18	105.15	92.66	42.29	10.28		60.69		
BIRTHS 2022	44	166	242	241	110	23+1	1	827	421	406
N ^o FEMES	2207	1732	2058	2306	2508	2478		13259	50.93%	49.07%
2022 FR/1000	22.20	87.18	106.41	92.80	42.26	10.08		57.49		
BIRTHS 2027	49	151	219	214	106	25+1	1	765	390	375
N ^o FEMES	2047	1912	1872	2078	2224	2389		12522	50.93%	49.07%
2031 FR/1000	22.47	86.82	105.77	92.87	42.27	10.05		57.66		
BIRTHS 2032	46	166	198	193	94	24+1	1	722	368	354
N ^o FEMES	1962	1878	2150	1903	2016	1955		11864	50.93%	49.07%
2036 FR/1000	22.42	86.79	106.51	93.01	42.16	10.23		60.60		
BIRTHS 2037	44	163	229	177	85	20+1	1	719	366	353

NOTES

UN5 HAS PUBLISHED DIFFERENT FIGURES FOR 2014 AND 2022 POP ESTIMATES WHICH TAKE INTO ACCOUNT DECREASES & MIGRATIONS SINCE END OF 2013 THESE VALUES & I HAVE USED THE HIGHEST 911 UN5 HAVE ALSO REPORTED ON THE DECLINING FERTILITY RATES FOR YOUNGER PERSONS I HAVE ADJUSTED THE FERTILITY RATES FOR TEENAGERS, BUT WITH THE 2014 BIRTHS ARE PUBLISHED SOME UNCERTAINTY EXISTS, IT IS BELIEVED THAT THESE PROJECTIONS CAN WELL NEED TO BE REVISED DOWNWARDS IN THE NEXT FUTURE

CHANGES IN POPULATION BETWEEN 2009 & 2014 FOR YOUNG PERSONS AGED 16-26

AGE	MALES											
	2009	CHANGE	2010	CHANGE	2011	CHANGE	2012	CHANGE	2013	CHANGE	2014	CHANGE
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
16-17	509	-9	508	+13	472	-2	458	-5	490	-3	523	-11
17-18	534	-13	492	-17	499	9	461	11	472	16	476	-14
18-19	470	-47	474	-60	438	54	440	59	410	51	413	-59
19-20	435	-24	453	-17	447	27	415	23	407	33	398	-12
20-21	475	0	442	+7	446	7	441	6	419	+4	407	0
SUB TOTAL	2423	93	2319	-74	2302	-99	2245	104	2198	-99	2217	-96
21-22	465	+16	500	+25	475	+33	445	1	457	+6	436	+17
22-23	398	+1	474	+9	521	+21	470	5	456	+11	480	+23
23-24	525	+9	408	+10	478	+4	535	14	472	7	488	+32
24-25	510	+7	525	0	408	0	491	13	523	14	465	-12
25-26	528	+9	505	-5	539	+14	412	+4	450	-11	541	+18
SUB TOTAL	2426	41	2412	+39	2421	+72	2363	+25	2393	+9	2410	+78
10 YR TOTAL	4849	52	4781	35	4723	-27	4598	-79	4591	-90	4627	-18

AGE	FEMALES											
	2009	CHANGE	2010	CHANGE	2011	CHANGE	2012	CHANGE	2013	CHANGE	2014	CHANGE
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
16-17	528	-6	500	+6	531	+3	481	+2	477	+3	515	0
17-18	537	-21	515	-13	479	-21	513	18	467	14	454	-23
18-19	451	-83	452	-85	440	-75	406	73	409	104	391	76
19-20	433	0	427	-24	419	-33	438	2	376	30	401	8
20-21	467	+8	460	+27	431	+4	448	29	443	5	405	29
SUB TOTAL	2416	-96	2354	84	2300	122	2286	62	2172	140	2166	-78
21-22	504	+51	500	+33	491	31	441	10	493	45	460	17
22-23	523	+32	524	+20	517	17	485	6	454	13	501	18
23-24	522	+1	554	+31	526	2	528	11	498	73	460	16
24-25	512	+7	535	+13	553	1	533	7	546	18	495	3
25-26	497	+4	529	+17	544	9	561	8	533	0	538	-8
SUB TOTAL	2558	95	2642	114	2631	58	2548	+30	2524	89	2454	20
10 YR TOTAL	4974	-1	4996	25	4931	64	4834	32	4676	51	4620	58

TOTALS FOR BOTH SEXES

16-21	4839	189	4723	163	4602	221	4582	4531	4370	239	4383	174
21-26	4994	+136	5054	+153	5052	+130	4901	55	4917	18	4864	18
GRAND TOTAL	9823	-53	9777	10	9654	91	9432	111	9287	141	9247	76

NOTES: GRAND TOTALS FOR BOTH SEXES
2009-2014 VARY BUT IN ALL CASES ARE NEGATIVE

RECENT DECLINE TRENDS IN YOUNG PERSONS

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5 YR CHANGES To 2011							5 YR CHANGES To 2012							5 YR CHANGES To 2013							5 YR CHANGES To 2014						
CL F207 To	MALES		FEMALES		TOTALS		MALES		FEMALES		TOTALS		MALES		FEMALES		TOTALS		MALES		FEMALES		TOTALS				
10/15	-9	492	-17	462	-26	954	+7	538	-3	522	+4	1060	+13	544	0	464	+13	1008	-5	477	+4	447	-1	924			
11/16	+7	493	-12	479	-19	972	+2	493	-1	474	+1	967	+2	534	-2	515	0	1049	+3	519	0	467	+3	986			
12/17	-4	492	-4	531	-8	1023	+1	488	+1	491	+2	969	-1	490	+4	477	+3	967	-16	523	-5	515	-21	1038			
13/18	-3	499	-33	479	-36	978	+21	461	-19	513	-40	974	-21	472	-11	467	-32	939	-13	476	-14	454	-27	930			
14/19	-82	433	-52	440	-164	873	-57	440	-97	406	-154	846	-69	410	-122	409	-191	819	-50	413	-87	391	-187	804			
TOTAL	-91	2394	-48	2371	-129	4765	-68	2420	-119	2326	-187	4816	-76	2450	-131	2332	-207	4782	-111	2408	-102	2274	-213	4682			
% CHANGE	-3.272	-5.829	-4.567	-2.733	-4.732	-3.738	-3.008	-5.319	-4.149	-4.407	-4.293	-4.351	-3.008	-5.319	-4.149	-4.407	-4.293	-4.351	-3.008	-5.319	-4.149	-4.407	-4.293	-4.351			
15/20	-109	447	-139	419	-248	866	-107	415	-95	438	-192	853	-87	447	-83	376	-172	783	-87	399	-132	401	-219	799			
16/21	-87	446	-127	431	-214	877	-112	441	-108	448	-220	889	-99	419	-10	443	-109	862	-88	407	-89	405	-177	812			
17/22	-70	475	-16	491	-86	966	-83	445	-101	441	-184	886	-90	457	+2	493	-88	930	-73	436	-68	460	-141	896			
18/23	-35	521	-33	517	-68	1038	-58	470	+2	495	-56	955	-61	456	-77	454	-138	910	-54	480	-37	501	-91	981			
19/24	+3	478	+74	526	+77	1004	+41	535	+61	528	+102	1063	+18	477	-7	498	+11	975	+18	488	+9	460	+27	948			
TOTAL	-298	2361	-241	2384	-539	4751	-319	2306	-231	2340	-550	4646	-324	2216	-175	2264	-496	4480	-284	2209	-317	2227	-601	4436			
% CHANGE	-11.882	-9.181	-10.189	-12.652	-9.985	-10.585	-12.653	-7.175	-9.948	-11.092	-12.461	-11.931	-11.882	-9.181	-10.189	-12.652	-9.948	-11.092	-12.461	-11.931	-11.882	-9.181	-10.189	-12.652			
20/25	+70	408	+114	553	+134	961	+46	491	+94	533	+140	1024	+48	523	+87	546	+135	1069	+30	465	+62	495	+92	960			
21/26	+62	539	+69	544	+131	1083	+25	412	+104	561	+129	973	+31	480	+80	533	+111	1013	+66	541	+71	538	+137	1079			
22/27	+11	508	+99	550	+110	1058	+38	539	+26	535	+59	1074	+18	415	+65	556	+83	971	0	465	+41	545	+41	1010			
23/28	+75	520	+33	497	+108	1017	+11	508	+47	540	+58	1048	+16	532	+22	543	+38	1075	+8	406	+33	556	+41	962			
24/29	+6	486	+74	554	+80	1040	+33	515	+7	493	+40	1008	+2	505	+44	549	+46	1054	-6	519	+24	546	+18	1065			
TOTAL	+174	2461	+389	2698	+563	5159	+148	2465	+278	2662	+426	5127	+115	2455	+298	2727	+413	5182	+98	2376	+231	2680	+329	5076			
% CHANGE	+7.608	+16.847	+12.650	+6.348	+11.661	+9.062	+4.915	+12.268	+8.660	+4.265	+9.432	+6.931	+7.608	+16.847	+12.650	+6.348	+11.661	+9.062	+4.915	+12.268	+8.660	+4.265	+9.432	+6.931			
25/30	+8	510	+16	503	+24	1013	+3	483	+49	561	+52	1044	0	518	+1	494	+1	1012	-10	500	+38	550	+28	1050			
26/31	+35	514	+34	543	+69	1057	-20	491	-14	495	-34	986	-25	480	+28	559	+3	1039	-11	515	-10	487	-21	1002			
27/32	+41	497	+31	500	+72	997	+4	514	+10	527	+14	1041	-8	492	-7	496	-15	988	-38	472	+8	557	-30	1029			
28/33	+25	428	+19	449	+44	877	-1	497	+6	490	+5	977	-12	507	-14	522	-26	1029	-9	503	-10	501	-19	1004			
29/34	-27	438	+25	453	+1	891	-2	418	+3	453	+1	871	-6	489	+3	486	-3	975	-13	505	+2	533	-11	1038			
TOTAL	+85	2387	+125	2448	+210	4835	-16	2373	+54	2526	+38	4919	-51	2486	+71	2557	-40	5043	-81	2495	+28	2628	-53	5123			
% CHANGE	+3.692	+5.380	+4.541	-0.644	+2.184	+0.779	-2.010	+4.322	-0.787	-3.144	+1.077	-1.024	+3.692	+5.380	+4.541	-0.644	+2.184	+0.779	-2.010	+4.322	-0.787	-3.144	+1.077	-1.024			
TOTALS	-120	9609	+725	9921	+5	19530	+255	9584	-18	9924	-273	19508	-333	9607	+3	9890	-330	19407	-378	9508	-160	9809	-538	19317			
% CHANGE	-1.222	+1.726	+0.026	-2.592	-0.181	-1.380	-3.350	+0.030	-1.665	-3.824	+0.005	-2.735	-3.350	+0.030	-1.665	-3.824	+0.005	-2.735	-3.350	+0.030	-1.665	-3.824	+0.005	-2.735			

MALES

FEMALES

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YEAR	POPULATION	BIRTHS	DEATHS & MIGRATION NET	TOTAL ANNUAL CHANGE	% CHANGE	TREND	POPULATION	BIRTHS	DEATHS & MIGRATION NET	TOTAL ANNUAL CHANGE	% CHANGE	TREND
2007	37109				+148		38298				+181	
2008	37291	+516	-334	+182	+490	+34	38533	+505	-266	+235	+614	+54
2009	37447	+513	-357	+156	+418	-26	38908	+519	-244	+275	+714	+40
2010	37586	+552	-413	+139	+371	-17	38996	+472	-284	+188	+484	-97
2011	37726	+523	-383	+140	+372	+1	39169	+474	-301	+173	+444	-15
2012	37822	+485	-387	+96	+254	-44	37226	+475	-348	+127	+324	-46
2013	37824	+506	-499	+7	+019	-89	37328	+465	-433	+32	+031	-95
2014	37800	+464	-493	-29	-0077	-36	37312	+447	-463	-16	+0041	-48
2015	37767	+458	-498	-40	-0106	-11	37287	+442	-467	-25	-0064	-9
2016	37694	+454	-520	-66	-0175	-26	37251	+438	-474	-36	-0089	-11
2017	37618	+449	-525	-76	-0202	-10	37208	+433	-476	-43	-0110	-7
2018	37524	+445	-539	-94	-0250	-18	37153	+428	-483	-55	-0140	-12
2019	37432	+441	-533	-92	-0245	-2	37085	+424	-494	-68	-0174	-13
2020	37326	+435	-541	-106	-0288	-14	37010	+419	-494	-75	-0192	-7
2021	37204	+429	-558	-122	-0327	-16	36926	+413	-497	-84	-0215	-9

2014/21

-5916

-3810

CHANGE

NOTE FEMALE NEGATIVE CHANGE IS

POSSIBLY WHICH AFFECTS THE

FERTILITY RATE & DECREASE IN BIRTH RATE

SOURCE DATA TO 2014 ONS

TOTAL BOTH SEXES

YEAR	POPULATION	BIRTHS	DEATHS & MIGRATION NET	TOTAL ANNUAL CHANGE	% CHANGE	TREND
2007	75407				+329	
2008	75824	+1017	-600	+417	+553	+88
2009	76255	+1032	-601	+431	+568	+14
2010	76582	+1024	-697	+327	+429	-104
2011	76895	+997	-684	+313	+409	-14
2012	77115	+960	-737	+223	+290	-90
2013	77157	+971	-932	+39	+051	-184
2014	77112	+911	-956	-45	-0058	-84
2015	77047	+900	-965	-65	-0084	-20
2016	76945	+892	-994	-102	-0132	-37
2017	76826	+882	-1001	-119	-0155	-17
2018	76677	+873	-1022	-149	-0194	-30
2019	76517	+865	-1025	-160	-0209	-14
2020	76336	+854	-1035	-181	-0237	-19
2021	76130	+842	-1048	-206	-0270	-25

2014/21

-982

CHANGE

NOTES GENERAL DECLINE IN BIRTH RATES SINCE 2009

INCREASING DEATH RATES & NET DOWNWARD MIGRATION SINCE 2008 WITH EXCEPTION OF 2011 SLIGHT DECLINE

HENCE TOTAL ANNUAL CHANGE FIGURES HAVE BEEN IN DECLINE SINCE 2009 WHICH WILL LIKELY CONTINUE UNLESS ACTION IS TAKEN TO REDUCE THIS NEGATIVE CHANGE.

BY STOPPING THE DOWNWARD MIGRATION & OUTLACONING THE CAUSES.

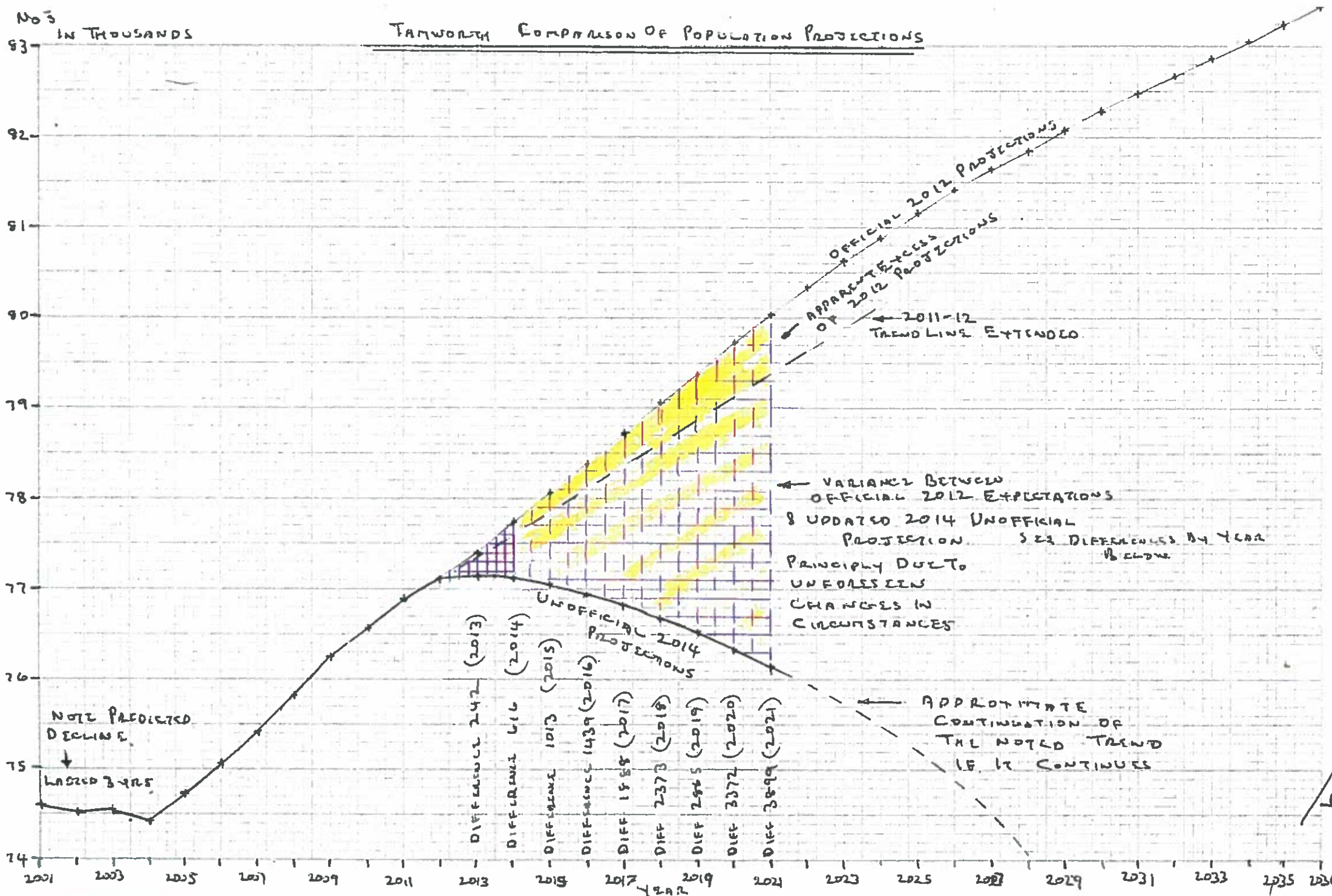


Table 2: 2012-based Subnational Population Projections for Local Authorities in England
By sex and 5 year age groups, all local authorities and higher administrative areas within England

Long-term subnational population projections are an indication of the future trends in population by age and sex over the next 25 years. They are trend-based projections, which means assumptions for future levels of births, deaths and migration are based on observed levels mainly over the previous five years. They show what the population will be if recent trends continue.

The projected resident population of an area includes all people who usually live there, whatever their nationality. People moving into or out of the country are only included in the resident population if their total stay in that area is for 12 months or more, thus visitors and short-term migrants are not included. Armed forces stationed abroad are not included, but armed forces stationed within an area are included. Students are taken to be resident at their term-time address.

The projections do not take into account any policy changes that have not yet occurred, nor those that have not yet had an impact on observed trends. They are constrained at the national level to the national projections published on 6 November 2013.

These projections published on 29 May 2014 are based on the 2012 mid-year population estimates published on 26 June 2013.

Further tables and information about this release are available from the ONS website at:

<http://www.ons.gov.uk/ons/rel/snpp/sub-national-population-projections/2012-based-projections/index.html>

For further information please email projections@ons.gsi.gov.uk or telephone +44(0)1329 444 652.

These data are on administrative geographic boundaries in place from 1 January 2012.

As different levels of the geographical hierarchy are here combined in one file it is important to bear in mind the distinction between the West Midlands region (code E12000005) and the Metropolitan County of West Midlands (code E11000005). It should also be noted that Greater London, which is often presented alongside Metropolitan Counties, is not included in this table as counts would simply duplicate those for London region.

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Source: Population Projections Unit, ONS. Crown copyright 2014.

TOTAL

AREA	AGE	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
Tamworth	0-4	5,079	4,970	4,911	4,875	4,850	4,849	4,837	4,815	4,798	4,777	4,754	4,727	4,701	4,674	4,650	4,628	4,607	4,587	4,571	4,558	4,548	4,542	4,542	4,547	4,557	4,570
Tamworth	5-9	4,644	4,658	4,693	4,677	5,034	5,037	4,954	4,899	4,872	4,851	4,850	4,842	4,826	4,811	4,795	4,776	4,753	4,730	4,706	4,685	4,664	4,645	4,627	4,612	4,599	4,590
Tamworth	10-14	4,818	4,471	4,541	4,528	4,529	4,630	4,829	4,866	4,950	5,009	5,019	4,948	4,901	4,879	4,861	4,860	4,856	4,843	4,831	4,817	4,800	4,780	4,758	4,737	4,717	4,698
Tamworth	15-19	4,818	4,783	4,710	4,656	4,594	4,405	4,280	4,339	4,330	4,350	4,449	4,818	4,873	4,750	4,802	4,802	4,743	4,714	4,689	4,685	4,683	4,681	4,672	4,662	4,651	4,636
Tamworth	20-24	4,646	4,555	4,529	4,498	4,403	4,384	4,351	4,284	4,240	4,190	4,037	3,935	3,961	3,952	3,972	4,085	4,212	4,268	4,343	4,394	4,415	4,383	4,377	4,373	4,366	4,361
Tamworth	25-29	5,127	5,216	5,202	5,149	5,248	5,284	5,229	5,220	5,178	5,079	5,048	5,008	4,940	4,889	4,825	4,676	4,583	4,597	4,599	4,642	4,749	4,898	4,968	5,048	5,108	5,145
Tamworth	30-34	4,919	5,039	5,082	5,096	5,080	5,077	5,160	5,168	5,155	5,259	5,310	5,273	5,269	5,225	5,133	5,098	5,058	4,992	4,941	4,875	4,739	4,656	4,661	4,668	4,718	4,826
Tamworth	35-39	5,074	4,739	4,883	4,763	4,737	4,854	4,968	5,009	5,022	5,019	5,020	5,099	5,118	5,128	5,228	5,288	5,261	5,264	5,222	5,134	5,095	5,055	4,992	4,942	4,875	4,747
Tamworth	40-44	5,966	5,974	5,731	5,451	5,239	4,969	4,672	4,622	4,702	4,692	4,804	4,914	4,954	4,987	4,971	4,976	5,050	5,076	5,094	5,195	5,258	5,239	5,246	5,205	5,121	5,081
Tamworth	45-49	5,643	5,640	5,795	5,811	5,792	5,829	5,828	5,589	5,339	5,128	4,871	4,601	4,559	4,637	4,640	4,751	4,857	4,897	4,909	4,918	4,928	4,998	5,026	5,050	5,150	5,214
Tamworth	50-54	5,014	5,148	5,205	5,292	5,419	5,473	5,472	5,609	5,619	5,602	5,831	5,822	5,407	5,165	4,961	4,720	4,473	4,437	4,514	4,525	4,633	4,737	4,776	4,788	4,799	4,809
Tamworth	55-59	4,855	4,832	4,780	4,857	4,902	4,916	5,047	5,110	5,202	5,324	5,378	5,378	5,503	5,510	5,494	5,519	5,505	5,301	5,072	4,873	4,643	4,413	4,381	4,458	4,477	4,584
Tamworth	60-64	4,770	4,847	4,820	4,595	4,613	4,647	4,633	4,604	4,675	4,729	4,756	4,888	4,954	5,050	5,188	5,220	5,224	5,338	5,343	5,330	5,351	5,333	5,140	4,924	4,732	4,514
Tamworth	65-69	4,227	4,472	4,588	4,668	4,706	4,539	4,431	4,406	4,385	4,403	4,440	4,435	4,419	4,404	4,554	4,592	4,719	4,792	4,889	5,004	5,056	5,082	5,168	5,172	5,182	5,180
Tamworth	70-74	2,875	3,038	3,235	3,408	3,593	3,953	4,187	4,299	4,375	4,415	4,259	4,163	4,144	4,126	4,148	4,186	4,189	4,181	4,256	4,321	4,365	4,490	4,564	4,662	4,772	4,824
Tamworth	75-79	2,130	2,162	2,299	2,409	2,483	2,570	2,724	2,908	3,066	3,235	3,586	3,782	3,888	3,958	3,995	3,861	3,783	3,772	3,759	3,781	3,822	3,832	3,834	3,811	3,978	4,028
Tamworth	80-84	1,470	1,548	1,557	1,615	1,666	1,735	1,781	1,898	1,996	2,065	2,141	2,276	2,438	2,575	2,722	3,006	3,194	3,287	3,350	3,382	3,275	3,218	3,218	3,212	3,237	3,280
Tamworth	85-89	845	866	891	921	969	1,019	1,090	1,111	1,159	1,208	1,267	1,314	1,405	1,483	1,540	1,603	1,711	1,842	1,951	2,065	2,289	2,438	2,512	2,560	2,585	2,511
Tamworth	90+	492	432	470	492	524	545	576	618	647	697	740	804	838	886	950	1,013	1,082	1,159	1,234	1,299	1,371	1,478	1,599	1,705	1,806	1,990
Tamworth	All ages	77,118	77,399	77,728	78,060	78,384	78,714	79,050	79,382	79,708	80,028	80,339	80,620	80,893	81,158	81,408	81,636	81,856	82,074	82,282	82,483	82,681	82,873	83,056	83,238	83,412	83,587

MALES

AREA	AGE	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
h	0-4	2,636	2,559	2,542	2,492	2,473	2,476	2,470	2,459	2,449	2,439	2,428	2,414	2,400	2,387	2,375	2,363	2,352	2,343	2,334	2,327	2,322	2,320	2,320	2,322	2,327	2,334
h	5-9	2,424	2,547	2,532	2,588	2,615	2,615	2,550	2,537	2,496	2,481	2,482	2,479	2,470	2,463	2,454	2,445	2,433	2,421	2,409	2,398	2,387	2,377	2,368	2,361	2,354	2,350
h	10-14	2,395	2,314	2,354	2,362	2,358	2,418	2,530	2,523	2,576	2,603	2,608	2,551	2,541	2,506	2,494	2,494	2,492	2,485	2,479	2,472	2,463	2,453	2,442	2,431	2,420	2,410
h	15-19	2,420	2,425	2,420	2,397	2,376	2,267	2,198	2,233	2,240	2,248	2,301	2,397	2,400	2,452	2,476	2,476	2,431	2,422	2,396	2,388	2,387	2,386	2,381	2,376	2,370	2,362
h	20-24	2,306	2,250	2,212	2,189	2,149	2,159	2,157	2,145	2,124	2,103	2,017	1,963	1,982	1,985	1,992	2,039	2,122	2,133	2,179	2,202	2,213	2,184	2,185	2,171	2,167	2,164
h	25-29	2,465	2,509	2,514	2,489	2,589	2,602	2,568	2,547	2,520	2,477	2,479	2,470	2,451	2,426	2,396	2,316	2,268	2,279	2,284	2,302	2,355	2,435	2,457	2,504	2,532	2,551
h	30-34	2,393	2,476	2,483	2,498	2,437	2,452	2,495	2,511	2,508	2,601	2,625	2,603	2,591	2,565	2,523	2,519	2,508	2,486	2,461	2,429	2,357	2,315	2,320	2,326	2,349	2,401
h	35-39	2,522	2,342	2,308	2,342	2,317	2,354	2,426	2,435	2,451	2,410	2,426	2,467	2,489	2,498	2,585	2,616	2,603	2,598	2,573	2,533	2,526	2,512	2,490	2,466	2,432	2,365
h	40-44	2,975	2,923	2,804	2,670	2,584	2,445	2,290	2,261	2,294	2,279	2,317	2,383	2,393	2,408	2,381	2,397	2,435	2,461	2,477	2,560	2,595	2,586	2,586	2,562	2,524	2,515
h	45-49	2,764	2,808	2,890	2,884	2,850	2,863	2,812	2,702	2,581	2,495	2,366	2,229	2,204	2,236	2,229	2,267	2,329	2,340	2,355	2,336	2,351	2,388	2,415	2,435	2,514	2,551
h	50-54	2,378	2,474	2,504	2,554	2,634	2,654	2,693	2,764	2,757	2,727	2,738	2,690	2,589	2,477	2,394	2,275	2,152	2,130	2,161	2,160	2,197	2,256	2,267	2,283	2,268	2,284
h	55-59	2,394	2,345	2,305	2,316	2,327	2,329	2,420	2,452	2,504	2,580	2,600	2,635	2,700	2,693	2,666	2,675	2,629	2,534	2,430	2,349	2,236	2,122	2,102	2,134	2,137	2,175
h	60-64	2,346	2,276	2,260	2,274	2,287	2,283	2,243	2,212	2,227	2,243	2,252	2,340	2,374	2,427	2,499	2,519	2,552	2,611	2,604	2,580	2,588	2,544	2,456	2,358	2,279	2,172
h	65-69	2,103	2,223	2,267	2,256	2,274	2,198	2,138	2,125	2,139	2,151	2,151	2,120	2,097	2,116	2,137	2,152	2,234	2,271	2,324	2,393	2,413	2,444	2,499	2,492	2,472	2,479
h	70-74	1,342	1,430	1,535	1,671	1,757	1,941	2,053	2,097	2,091	2,110	2,042	1,988	1,978	1,993	2,005	2,009	1,984	1,968	1,988	2,012	2,031	2,110	2,147	2,199	2,264	2,284
h	75-79	979	1,012	1,072	1,104	1,128	1,156	1,239	1,338	1,457	1,533	1,697	1,800	1,841	1,838	1,854	1,798	1,758	1,753	1,768	1,780	1,787	1,769	1,759	1,782	1,807	1,830
h	80-84	600	615	625	652	684	742	775	824	852	877	903	972	1,056	1,153	1,217	1,351	1,437	1,475	1,476	1,490	1,450	1,423	1,425	1,439	1,452	1,462
h	85-89	273	305	329	345	366	382	402	417	440	466	511	538	576	597	617	641	696	761	833	879	981	1,048	1,075	1,078	1,088	1,065
h	90+	107	115	128	138	152	160	181	198	213	234	249	273	292	314	343	377	407	439	464	491	523	572	628	682	722	802
h	All ages	37,822	37,945	38,083	38,221	38,355	38,495	38,638	38,780	38,918	39,058	39,190	39,311	39,424	39,533	39,637	39,728	39,821	39,909	39,994	40,078	40,162	40,244	40,321	40,398	40,475	40,554

FEMALES

AREA	AGE	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
h	0-4	2,443	2,420	2,369	2,383	2,377	2,373	2,367	2,357	2,347	2,337	2,327	2,313	2,300	2,287	2,276	2,265	2,254	2,245	2,237	2,230	2,225	2,223	2,223	2,225	2,230	2,236
h	5-9	2,220	2,312	2,361	2,389	2,419	2,423	2,404	2,362	2,376	2,370	2,367	2,364	2,356	2,348	2,340	2,331	2,320	2,309	2,297	2,287	2,277	2,267	2,259	2,251	2,245	2,241
h	10-14	2,221	2,157	2,187	2,166	2,172	2,213	2,298	2,344	2,374	2,406	2,411	2,395	2,360	2,374	2,368	2,366	2,364	2,358	2,352	2,345	2,337	2,327	2,317	2,306	2,296	2,287
h	15-19	2,396	2,358	2,289	2,259	2,219	2,139	2,081	2,106	2,090	2,102	2,148	2,218	2,272	2,299	2,326	2,326	2,311	2,292	2,303	2,298	2,296	2,295	2,291	2,286	2,281	2,274
h	20-24	2,340	2,305	2,318	2,310	2,254	2,225	2,195	2,140	2,116	2,088	2,020	1,972	1,979	1,967	1,980	2,025	2,090	2,135	2,164	2,192	2,202	2,199	2,192	2,203	2,199	2,197
h	25-29	2,662	2,708	2,687	2,660	2,659	2,682	2,662	2,673	2,657	2,602	2,569	2,539	2,489	2,462	2,429	2,360	2,315	2,317	2,315	2,340	2,394	2,462	2,509	2,543	2,576	2,594
h	30-34	2,526	2,562	2,600	2,598	2,644	2,625	2,666	2,657	2,647	2,659	2,685	2,670	2,678	2,661	2,610	2,578	2,550	2,506	2,480	2,447	2,382	2,341	2,340	2,342	2,370	2,424
h	35-39	2,552	2,397	2,375	2,421	2,421	2,500	2,541	2,574	2,572	2,608	2,595	2,632	2,629	2,628	2,643	2,670	2,658	2,666	2,649	2,601	2,570	2,543	2,502	2,476	2,444	2,382
h	40-44	2,991	3,051	2,927	2,782	2,655	2,523	2,382	2,362	2,408	2,413	2,488	2,531	2,561	2,558	2,590	2,579	2,614	2,615	2,617	2,636	2,663	2,653	2,660	2,643	2,597	2,566
h	45-49	2,879	2,833	2,905	2,927	2,942	2,967	3,016	2,896	2,758	2,633	2,504	2,372	2,355	2,401	2,411	2,483	2,528	2,557	2,554	2,583	2,574	2,608	2,611	2,615	2,636	2,664
h	50-54	2,636	2,674	2,701	2,739	2,784	2,819	2,779	2,845	2,861	2,874	2,893	2,933	2,818	2,688	2,567	2,445	2,322	2,307	2,352	2,366	2,436	2,481	2,509	2,505	2,531	2,525
h	55-59	2,461	2,487	2,485	2,541	2,575	2,587	2,627	2,657	2,698	2,744	2,778	2,743	2,803	2,817	2,828	2,844	2,876	2,767	2,642	2,525	2,407	2,291	2,279	2,324	2,341	2,409
h	60-64	2,424	2,372	2,360	2,321	2,326	2,364	2,390	2,392	2,449	2,486	2,504	2,546	2,580	2,623	2,669	2,702	2,672	2,727	2,739	2,750	2,762	2,789	2,684	2,566	2,453	2,341
h	65-69	2,124	2,250	2,320	2,411	2,432	2,340	2,293	2,282	2,245	2,252	2,289	2,316	2,322	2,378	2,418	2,440	2,485	2,521	2,565	2,611	2,644	2,618	2,670	2,680	2,690	2,701
h	70-74	1,533	1,608	1,700	1,737	1,835	2,012	2,134	2,202	2,284	2,304	2,218	2,175	2,165	2,133	2,141	2,177	2,204	2,213	2,268	2,309	2,335	2,380	2,417	2,463	2,509	2,540
h	75-79	1,151	1,150	1,227	1,305	1,355	1,414	1,485	1,571	1,610	1,702	1,869	1,982	2,045	2,120	2,142	2,063	2,025	2,018	1,991	2,001	2,036	2,063	2,075	2,129	2,170	2,199
h	80-84	870	932	932	963	984	993	1,006	1,074	1,144	1,188	1,238	1,304	1,382	1,422	1,506	1,555	1,757	1,812	1,874	1,892	1,825	1,795	1,794	1,774	1,786	1,818
h	85-89	572	561	562	575	603	637	688	693	719	742	756	775	830	886	923	961	1,015	1,081	1,118	1,186	1,307	1,391	1,437	1,483	1,497	1,447
h	90+	295	317	342	355	372	384	398	418	435	462	492	531	546	574	607	636	675	720	770	809	848	904	971	1,023	1,086	1,188
h	All ages	39,296	39,454	39,645	39,839	40,029	40,219	40,412	40,603	40,790	40,972	41,149	41,309	41,470	41,625	41,771	41,907	42,035	42,165	42,287	42,405	42,519	42,629	42,736	42,838	42,936	43,033

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to: MR MARK BOWERS
HEAD OF PLANNING & REGULATION
TAMWORTH BOROUGH COUNCIL
PARLIAM HOUSE
LICHFIELD STREET
TAMWORTH B79 7DZ

date: 21st OCTOBER 2015

Dear MR BOWERS

As an important decision maker in Tamworth I enclose for you a copy of the report entitled "Tamworth - A Future In Jeopardy"

It follows my investigation in recent months and focuses on my evidence based, albeit unofficial, 2014 population projections for Tamworth covering the period 2015 - 2021. The results raise major concerns, hence this title.

I have made some mitigation recommendations which I trust you will find constructive, with a hope and expectation that you may seek to work with other decision makers to mitigate and minimise the emerging impact.

Should you or any of your fellow decision makers seek further information for clarity and understanding I am of course happy to co-operate with you. Likewise I am happy to meet and talk with any who may feel it useful.

Yours sincerely



Ken Forest

Recent note: Since the report was prepared new information indicates that the 2016 figures will actually result in a population lower than the report's trend based projections indicate, highlighting and even more urgent need to take appropriate actions.

More recently information indicates more positive news - see handwritten note on next page.

REPORT UPDATE
TATWORTH A FUTURE IN JEOPARDY

DATE 20/10/2013

SINCE THE REPORT WAS COMPILED NEW EVIDENCE HAS COME FORWARD IN RECENT WEEKS THAT INDICATES THAT THE SHORT TERM PROJECTIONS MADE FOR 2016 TO 2021 WHICH INDICATES AN ACCELERATING DECLINE MAY NOT BE AS BAD AS PROJECTED. I SHOULD BE REVIEWED AGAIN IN A FEW MONTHS WHICH I WILL UNDERTAKE.

THIS NEW EVIDENCE ~~IS THE~~ COMPRISED THE EXCELLENT WORK & PUBLICITY IN THE PRESS IN CONNECTION WITH THE TOWN CENTRAL REGULATION PROJECT & WORK ON THE ASSEMBLY ROOFS TOGETHER WITH SOME FUNDING INFORMATION & NEWS ON CREATION OF 100 JOBS.

ALL THOSE INVOLVED WITH THIS WORK ARE TO BE CONGRATULATED FOR THEIR EFFORTS & HOPEFULLY WILL GIVE OPTIMISED EXPECTANCY TO THE LOCAL POPULACE & REDUCE THE OUTWARD MIGRATION THAT HAS BEEN APPARENT IN RECENT YEARS, TATWORTH STILL FACES CHALLENGES AS INDICATED IN MY REPORT. IT HAS ALSO BEEN NOTED IN THE PRESS THAT AN INCREASED NUMBER OF JOB OPPORTUNITIES HAVE COME FORWARD SOME OF WHICH ARE FOR A IN THE HIGHER PAY AREAS & REQUIRES SKILLS & KNOWLEDGE.

THE 2015 PROJECTIONS WILL STILL STAND FOR THE MID YEAR & WHEN COMPARED WITH THE ELECTORAL CHANGES FROM MAY 2014 TO MAY 2015 WHICH GAVE A NOMINAL INCREASE OF 5 FROM 57874 TO 57879.

WHEN TATWORTHS SUCH 15 AGE GROUPS FROM THE 2014 POPULATION ESTIMATES WERE COMPARED WITH MY 2015 PROJECTIONS THIS INDICATED A GAIN OF 116 DESPITE THE TOTAL POPULATION DECLINE OF -65 TO 77047.

IN THE LIGHT OF THIS COMPARISON THE 77047 FIGURE APPEARS REALISTIC & CERTAINLY DISCOUNTS THE OFFICIAL 2015 PROJECTION OF AN INCREASE IN EXCESS OF 300. BY NOW THESE PROJECTIONS ARE OVER 1000 OUT. & WHEN O.N.S. PUBLISH THEM 2014 REVISED POPULATION PROJECTIONS NEXT YEAR THEY WILL UNDOUBTBLY BE MORE REALISTIC. THAN THE 2012 VERSION THE REPORT EXPLAINS WHY THE 2012 PROJECTIONS ARE UNSOUND ALSO IT IS IMPORTANT TO RECOGNISE THAT FOR THE PERIOD 2012 TO 2014 ALL AREAS IN STRAFFORDSHIRE MAINTAINED GROWTH BUT TATWORTH WAS THE ONLY AREA TO DECLINE ALTHOUGH SLIGHTLY. ~~THIS~~

IT SHOULD BE NOTED THAT MID YEAR POPULATION ESTIMATES ARE ESTIMATES & THEREFORE SHOULD NOT BE TAKEN TO THE DEGREE OF ACCURACY INDICATED (ONS GUIDANCE)

KW Jones

Tamworth - A Future In Jeopardy

Introduction

This report follows on from my long term monitoring of Tamworth Population Growth and Housing Development.

In 2013 the Office for National Statistics (ONS) released its 2012 based population projections for Tamworth and other areas. On recent investigation and subsequent analysis this has proved to be flawed and excessive. This matter is considered in this report.

Early in 2013 the government's spring budget introduced changes to the benefits system including the controversial bedroom tax. This has had an adverse effect on many people in the UK and in Tamworth, which is a low pay area with few well paid jobs. This is resulting in hardship and financial problems for many. This has resulted in an increase in net outward migration from the town in 2013 and 2014. No doubt by people seeking a better job and quality of life elsewhere.

In 2013 Tamworth had the lowest population growth in Staffordshire compared with all other areas, an increased population of 39 (0.05%) - effectively zero increase.

In 2014's updated figures, while other areas showed a slight increase or reduced growth Tamworth was alone in show a net loss, this time of -45 (-0.06%). A reduced birth rate played a part in this which, significantly research shows, fell more in less affluent areas of the town and, as reported by ONS, was particularly reduced among the younger and teenage age range.

Next summer ONS will publish an updated version of its long term population projections, which will also be based on 2014 figures. This will take into account changes from 2013 to 2014 and will undoubtedly severely reduce Tamworth's own population forecasts for the long term.

Making long term projections for Tamworth is a risky thing and I still have records and a demographic report dated 1999. This projected that by 2011 Tamworth would have a population of 81,194. In practice there was a substantial shortfall of 4299 (-5.29%). Whereas other projections have been closer, the problem for the authorities appears to be predicting long term migration, especially for small population areas where there are increased difficulties and uncertainties occur.

Historically, over the years, Tamworth has experienced regular reductions in the long term projections. Having received details of the 2013 and 2014 mid year population estimates by individual, age and gender. The net outward migration recorded by ONS for these two years is almost identical, 348 & 349. Therefore I have combined the population changes for those two years by number, age and gender. I have included a copy of the results in the appendix. I have then used this data to produce unofficial projections for the short term up until 2021. This takes into account the perceived reduced fertility rates based on information available to date. i.e. reduced fertility rates nationally for teenagers. Unfortunately ONS is not expected to publish the 2014 birth rates by age group of mother until the end of this year. So there may need to be some slight adjustment. I have maintained the same age group fertility rates. But because of the outward migration of females in the

fertility age groups 15 - 44. The number of births will continue to decline. Again I have included a chart in the appendix to show how the projected birth rates have been calculated.

Deaths in Tamworth are also on the increase with an aging population. Although in 2014 they appeared lower than expected. Unfortunately details for deaths by age and gender will not be published until the end of the year. Therefore these have been combined with the changes noted and recorded above. While most deaths occur in the older age groups. The data sheets show increased and decreased year on year losses by age in the post retirement age groups that indicate that outward migration is also occurring in these age groups at a higher rate than would otherwise be expected. This could well be as a result of the such events as the threatened reductions in the local NHS Hospital Services, combined with the run down of the Meadowythe nursing home on the Comberford Road and relocation elsewhere outside of the town. Evidence of this hypothesis is not available. Therefore it is only possible to make projections on the basis the statistics and changes available at this point in time. I have also noted that the school leaving age changed in September 2014 from 17 - 18.

The aforementioned data sheet shows some slight outward migration for the 16-17 year age group. Which consider is unlikely to occur for 2015 onwards. I have therefore projected this age group at zero, which should have a one-off slight positive benefit in the 2015 figures which will slightly reduce the level of decline.

I have also noted that there is an increasing trend for young persons to improve their academic qualifications by going to university. I also understand that the funding system deadline change from grants to loans occurred this September. This indicates a likely increase in outward migration that will be recorded in the 2016 mid year population estimates. There is a press release to the Tamworth Herald from the Landau Forte Academy which states that 70% of their students go on to university. Unfortunately I have been unable to quantify this factor and build it into the projections. This indicated the possibility that my 2016 projections may well be over-optimistic. I have also analysed the inward and outward migration changes for the younger 16-26 age groups for both genders showing an increasing trend, in net terms, for younger people to be leaving Tamworth. Because Tamworth has few high paid jobs suitable for newly qualified successful students there is a clear tendency for these young people, our future, to move out of the town and to not return. This is a major concern.

Unofficial Projections

These have been compiled for the short term period 2015 - 2021. They are based on the evidence available at this time, late Autumn 2015. They clearly show an increasing decline occurring which has resulted in this report becoming necessary. It attempts to identify and raise these concerns and to encourage measure to be brought forward to prevent or reduce the impact of an increasing decline in the population in the foreseeable future.

It is clear that the substantial outward migration is likely to continue due to the current economic situation that occurs with Tamworth's low pay jobs. I know of one young man with a family who has informed me that he has 4 part time jobs. There are many other reports I have received which have almost reduced me to tears. The growth of food banks is an indication. Talks with market traders,

small businesses, estate agents and suchlike indicates that this Autumn, 12 months on from 2014, little has changed.

With the traders still struggling, and many people seeking to sell their properties and relocate, there is a high demand for 1 & 2 bedroom properties which is not being satisfied. The rented property market is so buoyant, with high demand in Tamworth. It is now cheaper to rent a property outside of the borough.

Monitoring of the development through site inspections and enquiries it indicates that for the year ended 31st March only around 100 dwellings will likely be completed. This despite the fact that the Council's own Availability of Residential Land Report (31st March 2015) clearly shows that this year Tamworth has 352 residential housing opportunities on a number of sites all of which have full planning permission. Yet only a small number are showing progress. Hence my reduced unofficial estimate. Although the Garage Sites and affordable housing is making good progress and will probably be completed this year. The council's commitment that 55 affordable houses will be completed per year will, yet again, certainly not be achieved, despite the obvious need.

This report is intended to make decision makers and other influential people aware in order for appropriate action to be encouraged to mitigate and to prevent the projections made becoming a reality. Time is short. Tamworth's image of as a growing and thriving town will be harmed by future estimates by ONS which will be published a year after the occurrence. My assessment is that the 2015 population estimates will not likely be frightening sufficiently to put off business growth proposals, which I fully support. These will be published next summer. But the 2016 population estimates will likely be more adverse and harmful will be published in the summer of 2017.

Relevant Information about the Author, Ken Forest.

I am a retired industrial and mechanical engineer who has over 50 years experience in investigating problems and challenges. I have fortunately inherited an unusual and special acumen for mathematics and statistics. I have the mental ability to digest data and to perceive patterns in numerical data, to predict the next number mentally without the need of a graph. To me numbers are pictures. Being an engineer I have, alongside other engineers, developed a philosophy that is one is able to identify a problem then they are more than half way to a solution.

I therefore make the following recommendations for the serious consideration by influential persons and decision makers.

1. Work is underway to encourage business development in the town centre for culture and the promotion of Tamworth's heritage. Recent press reports of meetings and talks indicates that a survey is being undertaken in order to make progress. Information from informed and reliable sources indicates that the project could take 5 - 6 years to come to fruition. In view of the population projections indicating an accelerating decline for the period 2016-2021 it is not possible to make any realistic projections for the proposals as this is the early stages of the project where the lack of detail cannot realistically be quantified in any meaningful way and built into any projections.

I urge that this good work continue, but emphasise the need to make speedy progress to lead to a detailed business plan being produced within the next 18 months. This would potentially enable the project to be factored into a population projection. At present this cannot be done. It should be noted that I occasionally read the magazine Staffordshire Business and whilst I read of projects elsewhere, Tamworth has little mention. Promotion of Tamworth as a place to do business should be reconsidered for improvement.

2. There is clear and emerging evidence that young people are seeking to improve their educational prospects by leaving the town to go to universities and are away for several years. ONS information indicates that these are registered in their geographical areas of study and therefore recorded in Tamworth as outward migration. Tamworth College previously indicated in the press last year of expansion into the town. Apprenticeships are also being encouraged. The possibility exists of extending Tamworth's educational facilities, including university level qualification, in order to assist in the retention of these important young persons in the town. This to help to reduce student costs elsewhere. ONS does not separately identify student studying outside of the town. The possibility of measures to address this needs to be explored.

The objective being to retain the best and most aspiring young people in the town which Tamworth will need in future years. At present those with potential and good qualifications are going elsewhere because of the lack of well paid quality jobs.

Talks and enquiries with educational facilities should be undertaken in order to -:

- a) Quantify by age and gender the number of young persons going to university this year in order to inform local projection accuracy.
- b) Making Tamworth an academic centre could also be beneficial in encouraging people to come to Tamworth to enhance its image and growth.
- c) Building this into the town centre regeneration project as a combined scheme would also be beneficial.

3. Tamworth town centre has a high number of under-utilised upper floors to commercial properties. These are suitable for conversion and use for one and two bedroom units for which there is a high demand. These would involve costs to the owners and benefits to the Council in council tax and new homes bonus. Also it would bring benefits to the owners in increased rental income. There are many small households of 1 or 2 persons without children who would likely see benefits in relocating into the town centre. Persons who do not need to travel by car daily and will have the required facilities close by. Financial incentives should be considered to assist owners bring these upper floors into use as small affordable residential rental properties. Noise and nuisance could be an issue in the town centre. Noise mitigation measures will most likely be required which could have an affect on conservation areas and listed buildings. Whilst I understand some talks have been taking place I would urge progress to enable these under-utilised areas to be brought into use speedily for the benefit of all. This would also increase income to town centre traders.

4. Tamworth also has a below average number of empty homes. Whilst I understand the government has ceased its financial support, the benefits of bringing these properties back into use

could far outweigh the losses. Enabling these to be used as affordable accommodation and encourage to continuation and expansion of the scheme should be a main objective. With the added objective of reducing the outward migration which is stimulated by the shortfall in reasonably priced and affordable rental properties in Tamworth.

5. Research indicates that an increasing number of working age people are working from home. The official statistics from ONS for 2014 give the percentage as 13.9%. However this figure only represents those known about and registered. Unofficial estimates indicate the true figure is more likely to be 30%.

Tamworth Borough Council has led on this field in Tamworth and I believe from my own contacts that this 30% estimate is realistic and will grow as an increasing trend. Tamworth should encourage this phenomena for the benefits it provides.

1. That building houses with a special study area instead of a bedroom would be popular with developers.
2. That by virtue of their usage the occupiers would still seek to use a car to visit others but would likely be able to choose travel times to be off peak.
3. That the occupiers would bring there own job interests with them and the need for job creation for this section would be minimal as they are largely self sufficient.
4. Care should be taken in selection of localities which should place them within close proximity to schools and facilities to reduce travel impact.

It is therefore recommended that Tamworth includes this into its Local Plan as a policy / guidance note to encourage inward migration to Tamworth as a special feature. Publicity of this approach could also be beneficial.

6. Outwards migration of older households.

Analysis of the population change profiles indicates a net outward migration of middle aged and elderly persons. Some of these would be seeking to downsize to smaller properties. But it is also likely to be due to concerns about the emerging lack of local hospital facilities. Many of those older persons would obviously resent the need to travel long distances because of cost and time implications and general inconvenience. Support for those opposed to the local hospital proposals should be encouraged in order to reduce the outward migration and reduce the concerns of those who may expect to require the use of good local NHS provision.

7. There is a shortfall of extra care / flexicare facilities where people can be encouraged to live close to support facilities available on site. Several years ago I visited Lichfield's complex which had everything for the elderly on just one site. For the disabled and those with special medical need it was like a hotel with a community eating area, like a bar, a gym, hairdressing and other associated facilities on site. I have long sought to have such a facility available for Tamworth people, close to the town centre.

The Lichfield facility is well worth a visit. Locating and providing this in or adjacent to the town centre

with little or no transport problems could well be beneficial. Incorporating such a concept into the town centre regeneration could well be beneficial.

This report is intended to be constructive in order to prepare decision makers for some of the difficult challenges ahead. With a main threat in the foreseeable future being outward migration.

There are other emerging changes not mentioned so far

1. The government is committed to its current austerity programme. This is unlikely to change before 2021

2. The minimum pay legislation comes into effect next spring. It excludes young persons below the age of 24. This appears to have some benefits for the over 24 age groups, but not those under 24. Unless some employers take advantage of the under 24 rule some of Tamworth's small traders would struggle to comply with this minimum wage legislation. They may need to increase prices which may drive away their trade and further reduce their viability.

Research on the impact of this and any future tightening of the benefits system indicates that the more vulnerable and struggling households, particularly those with young families could be worse off.

It is not possible at this point in time to predict the effect of this in Tamworth, or whether or not 2016 brings an improved situation or a decline. This will only be resolved by the elapse of time. Even the revised 2014 population projections may well be out of date by the time they are published.

Finally I would like to thank the number of nameless persons who I have spoken to and have responded to my question to determine that Tamworth is facing emerging problems. My prime concerns remain for the young, our future. I would also like to thank Adrian Tipson, my computer buddy at Tamworth library who has acted on my behalf as a link with other bodies on the internet. Much of this has been with ONS itself and this organisation has been most helpful in the guidance given to collect information. Whilst I may understand the complaints and criticisms of ONS I am one of the few persons who can understand and appreciate the problems and difficulties in collecting and collating accurate and up to date information.

In my opinion ONS performs well with all the challenges. It provides important information to inform local authorities and government to aid in decision making. Mistakes and errors may creep in and they do occur. We are all human and make mistakes. For me, ONS remains a respected organisation with a helpful team. Therefore I would wish it to be recorded how I appreciate the importance and value of the work they do.

Report Author

Ken Forest

19 Hayle, Belgrave, Tamworth, Staffs. B77 2JR

Footnote 1:

At present I am unwilling/unable to make any long term population projections post 2021. However, I have monitored the population changes and housing development/completions in Tamworth over many years. Both of which show a general decline since 1991. I remain convinced that the present draft Local Plan as it stands forecasts an excessive and unreasonable population increase and a housing requirement that that will not and cannot be achieved within the Plan period.

Next year's (2016) figure will come to light showing the population projections excessive by around a 1000. They will also show that the stated housing requirements will have a substantial shortfall of at least 2000 dwellings.

Tamworth clearly has a 5 year deliverable land supply and does not need the assistance of adjacent local authorities in this period. Tamworth's economy and future is in jeopardy and uncertain. There is urgent need to review the present situation. Until accurate and up to date information is available any decisions made as far as the long term future is concerned have little chance of occurring in practice. I submit that good decisions can only be based on accurate and up to date information.

Footnote 2:

Should any recipient of this report seek any further information or clarification on detail I would request that they put their request into writing. I do not have internet facilities. I will endeavour to assist and supply any information requested or even meet and discuss any issues if this is required. At this point in time I consider making the information widely available to the public generally may be more harmful to the future wellbeing of Tamworth and its occupants. Hence my intention is not to publicise this report.

Supplementary information added for consideration and awareness on data sheet :- Comparison of population changes in Staffordshire between 2012/13 and 2013/14

Comparison Of Population Changes In Staffordshire between 2012/13 and 2013/14

	2012	2013		2014	
Cannock	97940	98119	+179 (+0.18%)	98549	+430 (+0.44%)
East Staffordshire	114388	114922	+534 (+0.47%)	115663	+741 (+0.64%)
Staffordshire Moorlands	97237	97415	+178 (+0.18%)	97763	+348 (+0.36%)
Newcastle Under Lyme	124183	125239	+1056 (+0.85%)	126052	+813 (+0.65%)
Stafford	131630	132092	+462 (+0.35%)	132241	+149 (+0.11%)
Lichfield	101186	101768	+582 (+0.58%)	102093	+325 (+0.32%)
South Staffordshire	108441	110295	+1854 (+1.71%)	110692	+397 (+0.36%)
Tamworth	77118	77157	<u>+39</u> (+0.05%)	77112	<u>-45</u> (-0.06%)
Staffordshire	852123	857007	+4884 (+0.57%)	860165	+3158 (+0.37%)
Stoke On Trent	249903	250227	+324 (+0.13%)	251027	+800 (+0.32%)
Total Overall	1102026	1107234	+5208 (+0.47%)	1111192	+3958 (+0.36%)

Note: Tamworth has the lowest population size and the highest net outward migration by percentage in Staffordshire. It equates to 0.45% net out migration. These facts are relevant to the following research.

Information from ONS

Is contained in August 2015 publication - Subnational Population Projections.

The Summary Of Findings

The report identifies difficulties in accuracy in recording migration and making long term projections for smaller authorities. This is because the lower numbers in individual age groups are more fragmented on their changes. This makes it difficult for accuracy when undertaking longer term projections, particularly over the 25 year period of the Local Plan where a small error/discrepancy magnifies with time as has occurred in Tamworth.

The report also explains the problem experienced in recording migration. It gives an example which

is relevant in Tamworth's case. When an older person migrates out of an area into another area they usually register with a new GP quite speedily. Whereas younger persons are less likely to do so. This indicates that areas with inward migration are likely to have an under-reported population with the reverse occurring where there is significant outward migration. Both of these above scenarios occur in Tamworth. This could help to explain the flaws and errors in the accuracy of the 2012 population estimates and projections, which have been substantially overstated and over-projected. There is also a factor that has arisen that is reported elsewhere. This is where a change has taken place following the collection of the data that could not be reasonably expected or predicted. The data in the table above demonstrates differences in change levels for all Staffordshire Local Authorities. With Tamworth being the only authority whose population projection has been negative. This despite the low change rate - from +0.05% to -0.06%.

Combining all the facts together it is clear that the 2012 based population projections are unreasonable for use in making important long term projections. Which is why there is an urgent need to encourage ONS to publish their revised and updated 2014 based population projections. These should be reviewed regularly in the light of Tamworth's size and substantial outward migration.