PINS Ref: APP/B1605/W/21/3273053 LPA Ref: 20/01069/OUT PROOF OF EVIDENCE ON EDUCATIONAL CONTRIBUTIONS



LAND AT OAKLEY FARM, CHELTENHAM

APPENDICES TO PROOF OF EVIDENCE ON EDUCATIONAL CONTRIBUTIONS

ON BEHALF OF ROBERT HITCHINS LIMITED

Prepared by: NEIL TILEY Assoc RTPI

Pegasus Group

Pegasus House | Querns Business Centre| Whitworth Road | Cirencester | Gloucestershire | GL7 1RT T 01285 641717 | F 01285 642348 | W www.pegasusgroup.co.uk

Birmingham | Bracknell | Bristol | Cambridge | Cirencester | East Midlands | Leeds | Liverpool | London | Manchester | Newcastle | Peterborough

DESIGN | ENVIRONMENT | PLANNING | ECONOMICS | HERITAGE



APPENDICES:

APPENDIX 1: COHORT PROGRESSION FORECAST

APPENDIX 2: HEADLINE FINDINGS OF THE PUPIL PRODUCT RATIO STUDY

APPENDIX 3: CENSUS TABLES



APPENDIX 1:

		Pre-scho	ool				Primary	school					Ş	Seconda	ıry schoo	I				Secondary total
			Aged 0 at Sept				R	1	2	3	4	5	6	7	8	9	10	11		
2016/17	Pupils				•		6941	6893	6867	6632	6736	6390	6193	6460	6403	6447	6088	6080	46652	31478
2016/17	Live Births	6545																		
	Pupils						6786	6963	6903	6891	6620	6765	6392	6655	6431	6376	6429	5927	47320	31818
	Population according to GP registrations		5881	6949	6855	6998	7254													
2017/18	Live Births	6515																		
	Uptake factor						0.94													
	Cohort progress							1.00	1.00	1.00	1.00	1.00	1.00	1.07	1.00	1.00	1.00	0.97		
	Pupils						6661	6794	6990	6850	6879	6592	6758	6826	6657	6391	6336	6309	47524	32519
	Population according to GP registrations		5906	6638	7065	6974	7129													
2018/19	Live Births	6255																		
	Uptake factor						0.93													
	Cohort progress							1.00	1.00	0.99	1.00	1.00	1.00	1.07	1.00	0.99	0.99	0.98		
	Pupils						6676	6607	6721	6747	6967	6862	6818	7110	7248	6778	6601	6274	47398	34011
	Population according to GP registrations		5689	6580	6740	7184	7099													
2019/20	Live Births	5930																		
	Uptake factor						0.94													
	Cohort progress							0.99	0.99	0.97	1.02	1.00	1.03	1.05	1.06	1.02	1.03	0.99		
Cohort	Average							1.00	1.00	0.99	1.00	1.00	1.01	1.06	1.02	1.00	1.01	0.98		
progression	Weighted average							1.00	1.00	0.98	1.01	1.00	1.02	1.06	1.03	1.01	1.01	0.98		
rate	Trend							0.99	0.98	0.95	1.03	0.99	1.05	1.04	1.09	1.03	1.05	1.00		
	Population	5676	5930	5689	6580	6740	7184												7184	
2020/21	Pupils assuming average						6756	6668	6595	6634	6777	6961	6939	7260	7247	7267	6832	6480	47330	35085
	Pupils assuming weighted average						6756	6655	6582	6591	6799	6954	6978	7235	7325	7294	6872	6499	47313	35224
	Population	5422	5676	5930	5689	6580	6740													
2021/22	Pupils assuming average						6338	6747	6656	6509	6664	6772	7039	7389	7400	7265	7324	6707	46726	36085
	Pupils assuming weighted average						6338	6735	6630	6454	6641	6786	7071	7404	7454	7371	7395	6765	46655	36389
	Population	5168	5422	5676	5930	5689	6580													
2022/23	Pupils assuming average						6188	6330	6735	6569	6539	6658	6848	7496	7531	7419	7323	7190	45868	36959
	Pupils assuming weighted average						6188	6319	6709	6501	6504	6629	6900	7503	7628	7501	7474	7280	45749	37385
	Population	4913	5168	5422	5676	5930	5689													
2023/24	Pupils assuming average						5350	6180	6319	6648	6599	6534	6733	7292	7640	7550	7478	7189	44362	37149
	Pupils assuming weighted average						5350	6169	6294	6579	6551	6491	6740	7322	7730	7676	7605	7358	44174	37690
	Population	4659	4913	5168	5422	5676	5930													
2024/25	Pupils assuming average						5577	5343	6169	6237	6678	6594	6607	7170	7432	7660	7610	7341	43204	37212
	Pupils assuming weighted average						5577	5333	6145	6172	6629	6538	6600	7152	7543	7779	7783	7487	42996	37743
	Population	4405	4659	4913	5168	5422	5676													
2025/26	Pupils assuming average						5338	5570	5334	6089	6265	6672	6667	7035	7307	7451	7720	7471	41935	36985
	Pupils assuming weighted average						5338	5559	5313	6026	6220	6617	6649	7004	7369	7591	7887	7662	41720	37512
	Population	4151	4405	4659	4913	5168	5422													
2026/27	Pupils assuming average						5099	5331	5560	5264	6116	6260	6747	7100	7170	7326	7510	7579	40377	36686
	Pupils assuming weighted average						5099	5321	5538	5210	6072	6208	6728	7055	7216	7415	7696	7764	40175	37146

	Change in pop 2019/20-2023/24	-1017	-522	-1158	-1064	-1254														
	Change in pupils 2019/20-2023/24 assuming average						-1326	-427	-402	-99	-368	-328	-85						-3036	
Changes	Change in pupils 2019/20-2023/24 assuming weighted average						-1326	-438	-427	-168	-416	-371	-78						-3224	
	Change in pupils 2019/20-2026/27 assuming average													-10	-78	548	909	1305		2675
	Change in pupils 2019/20-2026/27 assuming weighted average													-55	-32	637	1095	1490		3135



APPENDIX 2:

HEADLINE FINDINGS OF THE PUPIL PRODUCT RATIO STUDY



HEADLINE FINDINGS OF THE PUPIL PRODUCT RATIO SURVEY CORRECTED FOR ERRATA

ON BEHALF OF ROBERT HITCHINS LTD

TOWN & COUNTRY PLANNING ACT 1990 (AS AMENDED) PLANNING AND COMPULSORY PURCHASE ACT 2004

Prepared by: Neil Tiley AssocRTPI

Pegasus Group

Pegasus House | Querns Business Centre | Whitworth Road | Cirencester | Gloucestershire | GL7 1RT \mathbf{T} 01285 641717 | \mathbf{F} 01285 642348 | \mathbf{W} www.pegasusgroup.co.uk

Birmingham | Bracknell | Bristol | Cambridge | Cirencester | East Midlands | Leeds | Liverpool | London | Manchester | Newcastle | Peterborough

Robert Hitchins Ltd Gloucestershire Pupil Product Ratio Headline Findings



CONTENTS:

		Page No:
1.	INTRODUCTION	2
2.	THE NEMS MARKET RESEARCH SURVEY	3
3.	CONCLUSIONS AND RECOMMENDATIONS	11



1. INTRODUCTION

- 1.1 Gloucestershire County Council commissioned Cognisant Research to undertake a study to identify the product ratios experienced on new build developments in Gloucestershire. The resultant Pupil Product Ratio Study (PPRS) was published in 2018. In 2019, a supplementary report (the PPRS update) was prepared using the same methodology as adopted in the PPRS.
- 1.2 A wide range of stakeholders have raised significant concerns with the approach adopted and with the resultant product ratios of these reports. In light of this, Robert Hitchins Ltd commissioned NEMS Market Research to undertake a survey to verify the findings and address the omissions of the PPRS update.
- 1.3 The following report was originally prepared in December 2020 to present the findings of the NEMS Market Research survey. However, in March 2021 prior to the Coombe Hill appeal, it was noted that there were a number of errors in Table 2.4 which had translated through to paragraph 2.12 although not the remainder of the document. Similarly, at the Coombe Hill appeal, the County Council noted that one of the references was incorrect. All of these have been corrected in the following report.



2. THE NEMS MARKET RESEARCH SURVEY

Methodology

- 2.1 The NEMS Market Research survey has been designed to record both the average number of pupils resident in a household within a new build dwelling and the number of these that are new to local educational facilities as required by the School Capacity Survey. These are respectively referred to as the total pupil product ratio and the additional pupil product ratio.
- 2.2 Pegasus Group identified developments within Gloucestershire that had either achieved at least 100 completions in the years leading up to 1st April 2019 or were expected to have done so in 2019/20 according to the latest trajectories of the District Councils within Gloucestershire¹.
- 2.3 The current addresses within each of these sites was obtained from partners of Ordnance Survey. These were filtered to remove any obvious commercial addresses. A total of 7,430 potential residential new build properties remained. A hard copy survey was sent to each of these addresses by NEMS Market Research providing the opportunity to provide freepost returns or to complete an online survey. A total of 815 responses were received, which represents 11% of the properties surveyed².
- 2.4 The data was processed by NEMS Market Research, a UK-based market research company specialising in such research. A small number of responses were imputed where the respondent had answered questions positively but not recorded the corresponding negative responses. A total of 5 respondents did not provide sufficient information to be able to impute the returns and accordingly these are excluded from the following findings. However, all of the remaining responses are

^{1 (}

¹ Comprising GCHQ, Land West of Farm Lane, Land at Starvehall Farm and Travis Perkins in and around Cheltenham Town, Kingshill at Cirencester, Land at the former Aggregates Industries Site at South Cerney, Land off Todenham Road at Moreton-in-Marsh, Land parcel south of Quercus Road at Tetbury, Roman Way at Bourton-on-the-Water, Land parcel off Broad Marston Road at Mickleton, Lydney East, Owen Farm at Coleford, Former Bishops College, Former Kwik Save, Monk Meadow, Norville Factory Site, Former St Gobain/Wellman Graham Site, Kingsway, Coopers Edge, Hunts Grove, Land East of Tewkesbury Road and North of Longford Lane, Plot 5030 at Gloucester Business Park and Former Gloscat Buildings in and around Gloucester City, Land West of Stonehouse, Littlecombe at Dursley, Land rear of Canonbury Street at Berkeley, Chestnut Park at Kingswood, Land South of Leonard Stanley Primary School, Parcel 7561 at Gotherington, Part Parcel 3400 at Walton Cardiff, Cleevelands and Homelands at Bishop's Cleeve.

² As it is likely that a proportion of the addresses were either in commercial use or were as yet unoccupied residential dwellings, it is likely that the actual response rate will have been higher than this.



included in the following results, including two households that recorded that they had 11 and 30 resident pupils respectively. These responses are likely to be erroneous but are included as it is not possible to confirm this. If these are indeed erroneous returns, then the resultant findings will be over-inflated.

2.5 As set out in section 2.6 of the PPRS update, ideally the responses would exactly reflect the overall make-up of the developments surveyed. However, as with the PPRS update, the NEMS Research survey does not exactly align with the make-up of the developments. It is therefore necessary to weight the returns appropriately. As has been undertaken in the PPRS update it is clearly appropriate to weight the returns according to the number of bedrooms in dwellings given the significant variation between the number of pupils likely to arise in a 1 bedroom dwelling as compared to a 4+ bedroom dwelling. This variation is evident from Table 2.1 below.

Table 2.1 – unweighted net change pupil product ratios per household by the number of bedrooms

	Total pupil product ratio	Additional pupil product
		ratio
1	0.0	0.0
2	30.1	7.3
3	48.4	13.5
4+	87.0	27.4

2.6 Similarly, Table 2.2 demonstrates the significant variation between the pupil product ratios in dwellings of different tenures.

Table 2.2 – unweighted net change pupil product ratios per household by tenure

	Total pupil product ratio	Additional pupil product ratio
Affordable (either shared ownership or rented from a housing association or registered provider)	97.4	22.8
Market (either owned or privately rented)	55.6	17.7

2.7 Based on this analysis, it is considered appropriate to weight the results taking account of tenure to adjust to the under-representation of responses from affordable homes. This has not been undertaken in the PPRS Update notwithstanding the fact that as set out in Table 15a of the PPRS Update the child product ratio varies significantly depending upon tenure.



2.8 The proportion of different sized dwellings on these developments by bedroom size and tenure is compared with the proportion of responses in Table 2.3 below. From this the appropriate weighting is calculated³.

Table 2.3 – dwellings on surveyed developments, responses received and weighting

Tenure	Bedrooms	Responses received	Dwellings on developments surveyed	Weighting
Affordable ⁴	1	1.8%	4.5%	2.5
	2	6.1%	13.0%	2.1
	3	4.5%	6.8%	1.5
	4+	1.5%	1.9%	1.3
Market	1	1.0%	1.8%	1.8
	2	9.0%	14.2%	1.6
	3	33.1%	31.8%	1.0
	4+	42.9%	26.0%	0.6

2.9 Unlike the PPRS, the PPRS update also weights the results based on the proportion of homes in each of the surveyed sites. Given that the responses received broadly reflect the number of dwellings surveyed, this is considered unnecessary. It also has the effect of amplifying the effect of low response rates and reducing the effect of more representative response rates⁵.

Outputs

2.10 The mean, standard deviation and 95% confidence intervals of the results of the NEMS Market Research survey are presented in Table 2.4 below using both the weighted and unweighted data.

³ A total of 2 respondents didn't identify the number of bedrooms or the tenure of their property and so these have been excluded from the following results.

⁴ For the purposes of this analysis, affordable housing is calculated from the sum of the homes in shared ownership and those rented from a housing association or registered provider.

⁵ The same is true of the weighting applied to the number of bedrooms and tenure but these weightings are considered necessary as without this the significant differences between the number of pupils resident in a 1 bed house to the number in a 4+ bed house, or between an affordable home and a market home would not be taken into account.



Table 2.4 - descriptive statistics on pupil product ratio per 100 households

	Total pupil p	roduct ratio	Additional pupil product ratio			
	Unweighted	Weighted	Unweighted	Weighted		
Mean pupil product ratio	61.5	55.9	16.2	13.7		
95% confidence interval	±11.0	±9.3	±5.4	±4.2		

- 2.12 These descriptive statistics identify that on average every 100 households in a new dwelling would be expected to accommodate 55.9 pupils but that only 13.7 of these would be additional to the local school population. The confidence intervals also indicate that there is a 95% chance that the average total number of pupils per 100 households will be in the range of 46.6 to 65.2, and that the average additional number of pupils per 100 households will be in the range of 9.5 to 17.9.
- 2.13 These pupil product ratios are broken down by the phase of schooling in Table 2.5 below. This provides the appropriate pupil product ratios to be used when determining the average number of additional pupils in each household occupying a new build dwelling.

Table 2.5 - Pupil product ratios per 100 households

	Total pupil p	roduct ratio	Additional pup	il product ratio
	Unweighted	Weighted	Unweighted	Weighted
Pre-school attendees	23.3	21.9	8.9	7.3
Primary school pupils	23.0	20.8	5.6	4.6
Secondary school pupils	12.2	10.5	1.0	1.0
Post-16 pupils	3.0	2.7	0.7	0.7
Total	61.5	55.9	16.2	13.7

2.15 According to the NEMS Market Research survey it would therefore be expected that every 100 households in a new dwelling would accommodate on average 21.9 preschool attendees, 20.8 primary pupils, 10.5 secondary pupils and 2.7 post-16 pupils. Of these, only 7.3 pre-school attendees would require a new childcare place, and only 4.6 primary pupils, 1.0 secondary pupils and 0.7 post-16 pupils would require a new school place⁶.

⁶ As the remainder would remain in their existing school.



2.16 The number of pupils in 100 dwellings will be lower owing to the fact that a proportion of dwellings are not occupied by a household. Applying the assumed occupancy rates of each District/Borough/City Council, the weighted pupil product ratios for 100 dwellings (rather than 100 households) are set out in Table 2.6 below.

Table 2.6 - weighted pupil product ratios per 100 dwellings

	Total pupil product ratio				Additional pupil product ratio					
	Pre-school	Primary	Secondary	Post-16	Pre-school	Primary	Secondary	Post-16		
Cheltenham	20.9	19.8	10.0	2.5	7.0	4.4	1.0	0.7		
Cotswold	19.9	18.8	9.5	2.4	6.7	4.2	0.9	0.7		
Forest of Dean	21.0	19.9	10.1	2.6	7.0	4.4	1.0	0.7		
Gloucester	21.2	20.0	10.1	2.6	7.1	4.4	1.0	0.7		
Stroud	21.1	19.9	10.1	2.6	7.1	4.4	1.0	0.7		
Tewkesbury	21.3	20.2	10.2	2.6	7.1	4.5	1.0	0.7		
Gloucestershire ⁷	20.9	19.8	10.0	2.5	7.0	4.4	1.0	0.7		

2.18 As set out in Table 2.6, the NEMS Market Research survey therefore demonstrates that 100 new dwellings would accommodate on average 20.9 pre-school attendees (ranging from 19.9 to 21.3 across the Districts), 19.8 primary pupils (ranging from 18.8 to 20.2 across the Districts), 10.0 secondary pupils (ranging from 9.5 to 10.2 across the Districts), and 2.5 post-16 pupils (ranging from 2.4 to 2.6 across the Districts). Of these, only 7.0 pre-school attendees would require a new childcare place (ranging from 6.7 to 7.1 across the Districts), and only 4.4. primary pupils (ranging from 4.2 to 4.5), 1.0 secondary pupils (ranging from 0.9 to 1.0) and 0.7 post-16 pupils would require a new school place. In total there would be 53.3 pupils accommodated in 100 new dwellings (rather than households) of which 13.1 would be new to local schools. These findings are summarised in Table 2.7 below.

⁷ Calculated using the proportionate share of housing requirements between the Districts in Gloucestershire



Table 2.7 – average weighted pupil product ratios per 100 dwellings across Gloucestershire

	Total pupil product ratio	Additional pupil product ratio
Pre-school attendees	20.9	7.0
Primary school pupils	19.8	4.4
Secondary school pupils	10.0	1.0
Post-16 pupils	2.5	0.7
Total	53.3	13.1

- 2.19 However, as identified in the School Capacity Survey there will also be effects further down the housing chain, as households that move to new dwellings may release an existing property, which in turn will be occupied by a household potentially with pupils new to local schools. These can be estimated based on the NEMS Market Research survey.
- 2.20 According to the NEMS Market Research survey, of the households that moved to a new property, 28.6% moved from a dwelling which was shared with others8. These households will not therefore release a dwelling for occupation by another household. Therefore, only 71.4% of the households that move to 100 new dwellings will release a dwelling for occupation in the first link of the housing chain⁹. These released dwellings will not all be within the local area as a proportion of these households will move from further afield. Nevertheless, even if it was assumed that all of the moves were local and that all of the pupils that occupy the released dwellings will attend local schools, based on the additional pupil product ratio that apply to new build dwellings and assuming these are broadly consistent with those that apply to existing dwellings, these 71.4 released dwellings would be expected to accommodate 5.0 pre-school attendees, 3.1 primary pupils, 0.7 secondary pupils and 0.5 post-16 pupils that are new to the local school population¹⁰ in addition to the 7.0 pre-school pupils, 4.4 primary pupils, 1.0 secondary pupils and 0.7 post-16 pupils within the new dwellings.

⁸ This broadly accords with the range of between 22% and 32% of properties sold to first-time buyers nationally according to the National Association of Estate Agents, many of whom will previously have shared with others. It will also reflect those households that have separated.

⁹ The additional pupil product ratios for these dwellings was 13.1 which aligns with that of all dwellings and so it is not necessary to apply differential rates for those households moving from shared and unshared dwellings.

¹⁰ Based on the additional pupil product ratios identified in Table 2.5.



- 2.21 This process continues ad infinitum until the housing chain is complete. The resultant number of additional pupils however soon approaches a limit of 45.7 new pupils for every 100 dwellings, comprising 24.5 pre-school attendees, 15.3 primary pupils, 3.5 secondary pupils and 2.4 post-16 pupils. The actual net increases in pupils in Gloucestershire will be lower as a proportion of the released dwellings in each link of the housing chain will be outside of Gloucestershire and therefore the pupils within these will not place a demand on places in Gloucestershire.
- 2.22 Therefore, based on the NEMS Research survey which reflects the product ratios experienced in recent developments, there have been 53.3 additional pupils accommodated in every 100 dwellings, of which only 13.1 are new to the local school population. However, when the additional pupils arising further down the housing chain are also taken into account, the delivery of 100 dwellings would have been expected to increase the local school population by a maximum of 45.7. The respective pupil product ratios per dwelling are set out in Table 2.8 below.

Table 2.8 - final pupil product ratios per 100 dwellings

	Total pupil product ratio	Additional pupil product ratio in new build dwelling	Additional pupil product ratio including along the housing chain
Pre-school attendees	20.9	7.0	24.5 ¹¹
Primary school pupils	19.8	4.4	15.3
Secondary school pupils	10.0	1.0	3.5
Post-16 pupils	2.5	0.7	2.4
Total	53.3	13.1	45.7

Summary

2.23 Owing to the evidential gaps of the County Council, it has been necessary to undertake primary data collection. This provides the only available data on the necessary pupil product ratios for Gloucestershire, as the PPRS Update provides only child product ratios.

¹¹ It may appear surprising that a greater number of pre-school attendees will arise as an indirect result of new build development than will be resident within that new build development, but this is likely to be explained by the fact that households often move around the time they have new children, including to existing homes released along the housing chain.



- 2.24 The survey returns have been appropriately weighted broadly in accordance with the approach adopted in the PPRS Update but unlike the PPRS Update they have been adjusted to take account of the occupation of dwellings, migration and the effects along the housing market chain as required by the guidance.
- 2.25 The resulting pupil product ratios identify that there would be a maximum of 45.7 additional pupils new to local schools within 100 new build dwellings and along the housing market chain.



3. CONCLUSIONS AND RECOMMENDATIONS

- 3.1 The NEMS Market Research Survey provides the only assessment of additional pupil product ratios (rather than total child product ratios) in Gloucestershire upon which the need for additional school places can be calculated. The findings of this survey have been adjusted in accordance with the relevant guidance to take account of effects along the housing market chain to identify the appropriate rates to be applied across Gloucestershire. It should however be noted that owing to the differential dwelling occupancy rates that apply in each District, the appropriate rates to apply in each District will deviate slightly from the average across Gloucestershire.
- 3.2 As a new formulaic approach cannot be introduced without this having been subject to examination, neither the product ratios identified by the PPRS Update nor the preceding analysis can be used in the interim. However, the preceding analysis has been undertaken in order to assist the LPAs in the preparation of emerging Local Plans. This is likely to need to be complemented by detailed demographic modelling prepared in support of emerging Local Plans to ensure that the housing requirements and pupil product ratios are consistent.



APPENDIX 3:

CENSUS TABLES



KS105EW - Household composition

ONS Crown Copyright Reserved [from Nomis on 29 July 2021]

population All households units Households area name Gloucestershire rural urban Total

Household Composition	2011
All categories: Household composition	254,615
One person household	75,945
One person household: Aged 65 and over	33,799
One person household: Other	42,146
One family household	162,941
One family only: All aged 65 and over	24,881
One family only: Married or same-sex civil partnership couple	90,807
One family only: Married or same-sex civil partnership couple: No children	37,068
One family only: Married or same-sex civil partnership couple: Dependent children	40,207
One family only: Married or same-sex civil partnership couple: All children non- dependent	13,532
One family only: Cohabiting couple	26,658
One family only: Cohabiting couple: No children	15,123
One family only: Cohabiting couple: Dependent children	10,370
One family only: Cohabiting couple: All children non-dependent	1,165
One family only: Lone parent	20,595
One family only: Lone parent: Dependent children	13,130
One family only: Lone parent: All children non-dependent	7,465
Other household types	15,729
Other household types: With dependent children	4,750
Other household types: All full-time students	866
Other household types: All aged 65 and over	670
Other household types: Other	9,443
Households for which it is possible to identify whether they have dependent children	245,172
Of these, households with dependent children	68,457
Of these, households without dependent children	176,715
Number of households without dependent children per 100 households for which it is possible to identify whether they have dependent children	72

In order to protect against disclosure of personal information, records have been swapped between different geographic areas. Some counts will be affected, particularly small counts at the lowest geographies.

Cells highlighted in red have been calculated by Pegasus Group



DC4102EW - Number of bedrooms by accommodation type by age of dependent children

ONS Crown Copyright Reserved [from Nomis on 29 July 2021]

population All dependent children

units Persons date 2011

area name Gloucestershire

accommodation type All categories: Accommodation

type

Age of dependent child	All categories: Number of bedrooms
All categories: Age of dependent child	121,667
Age 0 to 2	19,976
Age 3 to 4	13,431
Age 5 to 7	19,012
Age 8 to 9	12,425
Age 10 to 11	13,072
Age 12 to 14	20,700
Age 15	7,013
Age 16	6,576
Age 17	5,710
Age 18	3,752
Aged 5-18	88,260
Number of dependent children per 100 households	48
Number of dependent children aged 5-18 per 100 households	35

In order to protect against disclosure of personal information, records have been swapped between different geographic areas. Some counts will be affected, particularly small counts at the lowest geographies.

Cells highlighted in red have been calculated by Pegasus Group



QS118EW - Families with dependent children

ONS Crown Copyright Reserved [from Nomis on 29 July 2021]

population All families in households; All dependent

children in households

units Families and Persons area name Gloucestershire

rural urban Total

Family Type	2011
All families in households	173,751
No dependent children in family	105,610
One dependent child in family aged 0 to 4	10,063
One dependent child in family aged 5 to 11	6,301
One dependent child in family aged 12 to 18	13,161
Two dependent children in family; youngest aged 0 to 4	10,314
Two dependent children in family; youngest aged 5 to 11	11,288
Two dependent children in family; youngest aged 12 to 18	6,486
Three or more dependent children in family; youngest aged 0 to 4	5,519
Three or more dependent children in family; youngest aged 5 to 11	4,218
Three or more dependent children in family; youngest aged 12 to 18	791
Total dependent children	121,667
No of families in households without dependent children per 100 families in households	61
No of dependent children per 100 families in households	70

In order to protect against disclosure of personal information, records have been swapped between different geographic areas. Some counts will be affected, particularly small counts at the lowest geographies.

Cells highlighted in red have been calculated by Pegasus Group

PINS Ref: APP/B1605/W/21/3273053 LPA Ref: 20/01069/OUT PROOF OF EVIDENCE ON EDUCATIONAL CONTRIBUTIONS A3-4
Pegasus
Group

Census definitions

Households: A household is defined as:

• one person living alone, or

• a group of people (not necessarily related) living at the same address who share cooking facilities and share a living room or sitting room or dining area.

This includes:

• sheltered accommodation units in an establishment where 50 per cent or more have their own kitchens (irrespective of whether there are other communal facilities), and

• all people living in caravans on any type of site that is their usual residence. This will include anyone who has no other usual residence elsewhere in the UK.

A household must contain at least one person whose place of usual residence is at the address. A group of short-term residents living together is not classified as a household, and neither is a group of people at an address where only visitors are staying.

Families: A family is defined as a group of people who are either:

• a married, same-sex civil partnership, or cohabiting couple, with or without child(ren),

• a lone parent with child(ren),

• a married, same-sex civil partnership, or cohabiting couple with grandchild(ren) but with no children present from the intervening generation, or

• a single grandparent with grandchild(ren) but no children present from the intervening generation.

Children in couple families need not belong to both members of the couple.

For single or couple grandparents with grandchildren present, the children of the grandparent(s) may also be present if they are not parents or grandparents of the youngest generation present.

Dependent child: A dependent child is any person aged 0 to 15 in a household (whether or not in a family) or a person aged 16 to 18 in full-time education and living in a family with his or her parent(s) or grandparent(s). It does not include any people aged 16 to 18 who have a spouse, partner or child living in the household.