

### Projections and Forecasts

#### **Establishing local demand for English-medium and Welsh-medium school places in the Creigiau/ St Fagans, Radyr/ Morganstown and Fairwater areas.**

In order to calculate the likely demand for a new English-medium and/or Welsh-medium primary schools in the in the Creigiau/ St Fagans, Radyr/ Morganstown and Fairwater areas, historic trends specific to the established school catchment areas have been used. The following paragraphs give details of these catchment areas, the data used and the methodology applied.

The geographical units that are most suitable to analyse in relation to the recent and future demand for primary school places in these areas have been identified as the following discrete catchment area primary schools: Bryn Deri Primary School, Creigiau Primary School, Danescourt Primary School, Fairwater Primary School, Holy Family RC Primary School, Llandaff CiW Primary School, Pentrebane Primary School, Pentyrch Primary School, Peter Lea Primary School, Radyr Primary School, Ysgol Gymraeg Coed y Gof, Ysgol Nant Caerau, Ysgol Gynradd Gwaelod y Garth Primary School and Ysgol Pencae.

A map indicating the location of, and catchment areas serving, English-medium primary schools and dual stream primary schools is attached as Appendix 2. A map indicating the location of, and catchment areas serving, Welsh-medium primary schools is attached as Appendix 3.

Projected demand takes account of the recent proportionate demand for places and pre-school population data supplied by the NHS. Forecast demand considers these data and factors in other contextual information.

#### **Projection methodology for existing and new schools**

Cardiff employs a robust projection methodology for planning school places which takes account of NHS GP registration data and school census data submitted by and verified by all Cardiff schools. As projections can only take account of historic and current information the Council also identifies trends within projections, and analyses school preference data and other contextual information to produce forecasts on a city wide basis and in each locality.

Projected demand for places on new housing developments are based on calculated average yields per dwelling. Average yields, detailed with the Education Supplementary Guidance, are in turn based on the most recent Census data.

At present, places within primary schools in Cardiff are apportioned approximately 64% in English-medium community schools, 18% in Welsh-medium community schools and 18% in Church in Wales or Catholic Schools.

## English-medium primary school capacity and take up of places in the Creigiau/ St Fagans, Radyr/ Morganstown and Fairwater areas

Table 1 sets out the numbers of pupils on roll in the English-medium and dual stream primary schools serving the Creigiau/ St Fagans, Radyr/ Morganstown and Fairwater areas, and the level of surplus capacity at each school at January 2018 (most recent verified school census data).

**Table 1 – Number on Roll and total surplus capacity – Reception to Year 6 (PLASC January 2018)**

Primary School	R	1	2	3	4	5	6	Total	Capacity	Surplus	% Surplus
Bryn Deri	31	30	30	30	29	28	29	207	184	-23	-12.50%
Creigiau (dual stream)	49	54	58	49	53	53	50	366	378	12	3.17%
Danescourt	60	60	57	59	60	49	39	384	420	36	8.57%
Fairwater	20	39	37	37	40	30	35	238	283	45	15.90%
Gwaelod y Garth (dual stream)	35	37	38	34	35	34	36	249	237	-12	-5.06%
Holy Family RC	23	15	15	26	19	24	20	142	247	105	42.51%
Llandaff CW	60	60	60	59	60	60	60	419	420	1	0.24%
Pentrebane	24	30	35	30	26	31	32	208	210	2	0.95%
Pentyrch	23	21	21	25	15	12	17	134	140	6	4.29%
Peter Lea	44	44	38	48	44	47	40	305	320	15	4.69%
Radyr	58	59	61	60	60	60	44	402	420	18	4.29%
<b>Total</b>	<b>427</b>	<b>449</b>	<b>450</b>	<b>457</b>	<b>441</b>	<b>428</b>	<b>402</b>	<b>3054</b>	<b>3259</b>	<b>205</b>	<b>6.3%</b>

There is currently an overall surplus of 205 English-medium and dual stream primary school places (c6%) within the wider area of Creigiau/ St Fagans, Radyr/ Morganstown and Danescourt.

Taking into account only the English-medium schools in closest proximity to the proposed new school to serve parts of the Plasdŵr development (namely Danescourt Primary School, Peter Lea Primary School and Radyr Primary School), there are very few surplus places (69) - c6% of capacity.

**Current take up of places at EM and dual stream primary schools in the Creigiau/ St Fagans, Radyr/ Morganstown and Fairwater areas.**

Table 2 compares the number of pupils resident in January 2018 within the catchment areas serving the English-medium and dual stream primary schools, and the school attended.

<b>Table 2 – Take up of places at English-medium and dual stream primary schools, by English-medium catchment area – Reception to Year 6 (PLASC January 2018)</b>											
	<b>Catchment Area</b>										
<b>School Attended</b>	<b>Bryn Deri Primary School</b>	<b>Creigiau Primary School (EM catchment)</b>	<b>Danescourt Primary School</b>	<b>Fairwater Primary School</b>	<b>Gwaelod Y Garth Primary School (EM catchment)</b>	<b>Pentrebane Primary School</b>	<b>Pentyrch Primary School</b>	<b>Peter Lea Primary School</b>	<b>Radyr Primary School</b>	<b>Other</b>	<b>Total</b>
Bryn Deri	163	0	2	1	2	0	2	4	28	5	207
Creigiau	3	179	0	3	0	4	91	1	10	75	366
Danescourt	4	2	168	37	2	22	1	85	15	48	384
Fairwater	0	0	0	120	0	34	0	26	1	57	238
Gwaelod Y Garth	14	0	0	3	76	0	19	0	34	103	249
Holy Family R.C	0	0	0	29	0	66	0	29	1	17	142
Llandaff C.W.	0	0	11	110	0	10	0	60	3	225	419
Pentrebane	0	0	0	27		116	0	12	1	52	208
Pentyrch	0	1	1	0	5	0	107	2	0	18	134
Peter Lea	0	0	4	54	1	79	0	134	0	33	305
Radyr	40	2	6	4	3	3	22	2	299	21	402
Pupils from this catchment area attending these schools	224	184	192	388	89	334	242	355	392	-	2400
Pupils from this catchment area attending other EM schools	7	3	2	207	7	28	5	27	14	-	300
Pupils resident in each catchment area attending EM primary schools	231	187	194	595	96	362	247	382	406	-	2700

The number of primary age pupils resident in the catchment areas of the above schools, attending any English-medium primary schools or class in Cardiff, totals 2,700 pupils. This compares with the number of school places available in English-medium primary schools and classes of 3,259.

Taking into account only the schools in closest proximity to the proposed new school to serve parts of the Plasdŵr development (namely Danescourt Primary School, Peter Lea Primary School, Radyr Primary School, there are 982 pupils attending any EM community primary school, compared to 1,160 places available in these schools (15% surplus).

Parents are able to express a preference for any school, and depending on local demand may be able to attend schools that are not local to their home address.

### **Welsh-medium primary school capacity and take up of places in the Creigiau/ St Fagans, Radyr/ Morganstown and Fairwater areas**

Table 3 sets out the numbers of pupils on roll in the Welsh-medium and duals stream primary schools in the Creigiau/ St Fagans, Radyr/ Morganstown and Fairwater areas, and the level of surplus capacity at each school at January 2018 (most recent verified school census data).

**Table 3 – Number on Roll and total surplus capacity – Reception to Year 6 (PLASC January 2018)**

School	R	1	2	3	4	5	6	Total	Capacity	Surplus	% Surplus
Creigiau	49	54	58	49	53	53	50	366	378	12	3.17%
Ysgol Coed y Gof	51	54	59	48	45	41	38	336	389	53	13.62%
Ysgol Nant Caerau	30	31	26	28	29	27	26	197	207	10	4.83%
Gwaelod y Garth	35	37	38	34	35	34	36	249	237	-12	-5.06%
Ysgol Pencae	30	29	29	30	29	30	30	207	186	-21	-11.29%
<b>Grand Total</b>	195	205	210	189	191	185	180	1355	1397	42	3.0%

There is currently an overall surplus of 42 places in in Welsh-medium and dual stream primary schools within this wider area.

Taking into account only the two Welsh-medium schools in closest proximity to the proposed new school to serve parts of the Plasdŵr development (Ysgol Pencae and Ysgol Coed Y Gof), there are few surplus places (32) amounting to c6% of capacity.

**Current take up of places at WM and dual stream primary schools in the Creigiau/ St Fagans, Radyr/ Morganstown and Fairwater areas.**

Table 4 compares the number of pupils resident in January 2018 within the catchment areas serving the Welsh-medium and dual stream primary schools, and the school attended.

<b>Table 4 – Take up of places at Welsh-medium and dual stream primary schools, by Welsh-medium catchment area – Reception to Year 6 (PLASC January 2018)</b>							
	<b>Catchment Area</b>						
<b>School Attended</b>	<b>Creigiau Primary School (WM)</b>	<b>Ysgol Gymraeg Coed-Y-Gof</b>	<b>Ysgol Gymraeg Nant Caerau</b>	<b>Ysgol Gynradd Gwaelod Y Garth Primary School (WM)</b>	<b>Ysgol Pencae</b>	<b>Other</b>	<b>Total</b>
Creigiau	241	51	1	3	1	69	366
Ysgol Gymraeg Coed-Y-Gof	0	278	45	0	1	12	336
Ysgol Gymraeg Nant Caerau	0	25	161	0	0	11	197
Ysgol Gynradd Gwaelod Y Garth	19	24	0	122	0	84	249
Ysgol Pencae	0	20	2	0	155	30	207
Pupils from this catchment area attending these schools	260	398	209	125	157	-	1149
Pupils from this catchment area attending other WM schools	3	100	37	3	46	-	189
Pupils resident in each catchment area attending WM primary schools	263	498	246	128	203	-	1338

The number of primary age pupils resident in the catchment areas of the above schools, attending any Welsh-medium primary schools or class in Cardiff, totals 1,338

pupils. This compares with the number of school places available in English-medium primary schools and classes of 1,397.

Taking into account only the Welsh-medium schools in closest proximity to the proposed new school to serve parts of the Plasdŵr development (Ysgol Pencae and Ysgol Coed Y Gof), there are 701 pupils attending any WM or dual stream community primary school, compared to 575 places available at Ysgol Pencae and Ysgol Coed Y Gof (22% deficit).

**Recent and projected demand for English-medium community primary school places within the catchment areas in the Creigiau/ St Fagans, Radyr/ Morganstown and Fairwater areas.**

Table 5 sets out the recent and projected demand for English-medium places at entry to Reception year in the community primary school catchment areas in the Creigiau/ St Fagans, Radyr/ Morganstown and Fairwater areas, from existing housing.

Catchment area	Published Admission Number	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Bryn Deri	30	25	31	36	22	20	21
Creigiau (EM stream)	29	14	12	15	12	20	16
Danescourt	60	23	23	26	28	38	23
Gwaelod Y Garth (EM stream)	7	5	2	4	5	5	7
Pentrebaner	30	41	36	49	47	37	35
Pentyrch	20	24	28	28	33	39	31
Peter Lea	45	42	49	36	54	40	49
Radyr	60	71	60	52	59	58	53
Total	281	245	241	246	259	257	235
Surplus / Projected Surplus		36	40	35	22	24	46
		13%	16%	15%	9%	9%	18%

**Recent and projected demand for Welsh-medium community primary school places within the catchment areas in the Creigiau/ St Fagans, Radyr/ Morganstown and Fairwater areas.**

Table 6 sets out the recent and projected demand for places at entry to Reception year in the community primary school catchment areas in the Creigiau/ St Fagans, Radyr/ Morganstown and Fairwater areas, from existing housing.

Catchment area	Published Admission Number	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Creigiau Primary School (WM stream)	29	16	21	18	21	24	25
Ysgol Gymraeg Coed-Y-Gof	60	78	69	69	69	66	62
Ysgol Gymraeg Nant Caerau	30	43	41	32	32	36	31
Ysgol Gynradd Gwaelod Y Garth (WM stream)	26	18	18	13	14	13	17
Ysgol Pencae	30	34	27	24	32	38	34
Total	175	189	176	156	168	176	159
Surplus / Projected Surplus		-14 -8%	-1 -1%	19 11%	7 4%	-1 -1%	6 4%

The recent and projected demand for English-medium and Welsh-medium community school places in each of the primary school catchment areas fluctuates, but overall there is little surplus projected.

The above table takes account of places taken up at, and projected to be taken up at, the community primary schools in Cardiff and therefore represents the maximum projected number of pupils who may wish places of that type if pupils in the area took up places in the catchment area of their home address. However, as evidenced in tables 2 and 4, a significant proportion of pupils take up places elsewhere and it is expected that many of these would continue to do so. Pupils resident outside of Cardiff are also able to take up places at Cardiff schools, subject to sufficient places being available, and may meet higher oversubscription criteria such as residing in closer proximity than some Cardiff applicants.

When compared to the existing supply of places at Reception age, projections for years 2019 to 2021 indicate:

- an aggregated surplus of 22 EM places in 2018/19, rising to 46 places in 2020/21
- an aggregated surplus of 7 WM places in 2018/19, falling to 6 places in 2020/21

When compared to the existing supply of places at Reception age for the three English-medium and two Welsh-medium primary schools in closest proximity, projections for years 2019 to 2021 indicate:

- an aggregated surplus of 24 EM places in 2018/19, rising to 40 places in 2020/21
- an aggregated deficit of 12 WM places in 2018/19, falling to a deficit of 6 places in 2020/21

**Projected yield of pupils from significant housing developments within the Creigiau/ St Fagans, Radyr/ Morganstown and Fairwater areas.**

In January 2016 the Council adopted a Local Development Plan for Cardiff. The LDP became operative on its adoption and now forms the development plan and will be the basis for decisions on land use planning in Cardiff.

Cardiff' Local Development Plan (LDP) 2006 – 2026 identified key strategic sites to deliver 41,100 new dwellings in Cardiff including Strategic Site C in North West Cardiff to provide up to 5,000 dwellings during the LDP period but potentially up to 7,000 overall.

A number of planning applications for housing developments within, or in close proximity to, Strategic Site C have received consent since 2016:

Outline planning consent for the construction of up to 630 dwellings on Land North and South of Llantrisant Road site was granted by the Council's Planning Committee in February 2016. The yield of primary school age children from this development is projected at 189 children (27 per year group).

Outline planning consent for the construction of up to 290 dwellings on Land South of Pentrebane Road was granted by the Council's Planning Committee in December 2016. The yield of primary school age children from this development is projected at 85 children (12 per year group).

Outline planning consent for the construction of up to 5970 dwellings on the North West Cardiff (wider Plasdŵr) site was granted by the Council's Planning Committee in March 2017. The yield of primary school age children from this development is projected at 1254 children (179 per year group).

Outline planning consent for the construction of up to 300 dwellings (subsequently reduced to 260 dwellings) on the Goitre Fach Farm site was granted by the Council's Planning Committee in March 2017. The yield of primary school age children from this development is projected at 72 children (10 per year group).

Outline planning consent for the construction of up to 1500 dwellings on Land North of Junction 33 was granted by the Council's Planning Committee in February 2017. The yield of primary school age children from this development is projected at 432 children (62 per year group).

Separate s106 agreements are in place to ensure that sufficient school provision is available to serve each development.