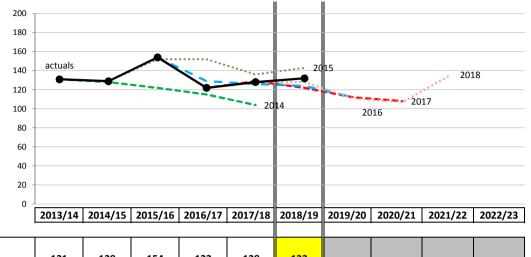
# Pupil Projection Accuracy for Year R intake in Ascot Primary Schools





2018/19 figures based on Reception place allocations as at 24th July 2018. This number may change between now and next spring.

### Notes

Concerns about the accuracy of the base data for Ascot (GP patient registrations data) came to a head with the 2014 projections, which failed to predict the September 2015 bulge in demand.

An improved projection model was developed for 2015, and forms the basis of all subsequent projections. Following the difficulties with the 2014 projections for Ascot, the 2015 calculations for the town were also based on the births data, rather than the GP registrations data. These have, however, over-estimated future demand.

The 2016 projections retained the improved model, but based again on the GP registrations data. These projections have been broadly accurate.

The 2017 model includes a factor for the migration of children in and out of the area before they reach school age. The projection is too low, although much of this is due to approximately 16 additional out-borough's compared to trend of 9.

	0 -	2042/44	2044/45	2045/46	2046/47	2047/40	2040/40	2040/20	2020/24	2024/22	2022/22
		2013/14	2014/15	2015/16	2016/17	201//18	2018/19	2019/20	2020/21	2021/22	2022/23
						1					
Actual Year R		131	129	154	122	128	132				
2014 Projected Yr R			128	122	115	104					
Difference to actual			-1	-32	-7	-24					
						_					
				26.20/	C 40/	22.40/					
%			-0.8%	-26.2%	-6.1%	-23.1%					
2015 Projected Yr R				152	152	136	143				
Difference to actual				-2	+30	+8	+11				
%				-1.3%	19.7%	5.9%	7.7%				
2016 Projected Yr R					129	126	124	112			
Difference to actual					+7	-2	-8				
%					5.4%	-1.6%	-6.5%				
2017 Projected Yr R						129	122	112	108		
Difference to actual						+1	-10				
0/		L				0.00/	0.20/				
%						0.8%	-8.2%				
2018 Projected Yr R Difference to actual							128	111	107	136	
Difference to actual							-4				
%		L					-3.1%	l			·
								1		I	
Accuracy key	+/- <1% or +/- <5	+/-<2%	or +/- <7	+/- <3%	or +/-<9	+/- <4% (	or +/-<11	+/- <5%	or +/-<13	+/- = (	or >5%

#### Pupil Projection Accuracy for Year R intake in Datchet & Wraysbury Primary Schools Pupil projections are 200 carried out annually, 180 and those from the 160 last four years are shown here. For 140 primary schools these 120 look four years 100 actual ahead. 2016 80 60 40 20 2018/19 figures based on Reception place allocations as at 24th July 2018. This 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 number may change between now and next spring. Actual Year R 84 117 89 89 87 89 Notes 117 94 The projections for Datchet & Wraysbury have, generally, proven accurate. 2014 Projected Yr R 86 99 ifference to actual +5 -3 +12 0.0% 5.3% -3.5% 12.1% An improved projection model was developed for 2015, and forms the basis of all 2015 Projected Yr R 103 96 100 91 Difference to actual +14 +7 +13 +2 subsequent projections. ...... 7.3% 13.0% 2.2% 13.6% 2016 Projected Yr R 97 93 97 97 Difference to actual +8 +6 +8 8.2% 6.5% 8.2% 2017 Projected Yr R 90 93 89 90 The 2017 model included a factor for the migration of children in and out of the area before they reach school age. Difference to actual +3 +4 3.3% 4.3% 91 88 91 95 The 2018 model retains the migration factor, with minor adjustments and 2018 Projected Yr R Difference to actual updated with the latest trends. +2 ...... 2.2%

+/-<3% or +/-<9 +/-<4% or +/-<11 +/-<5% or +/-<13

+/- <1% or +/- <5

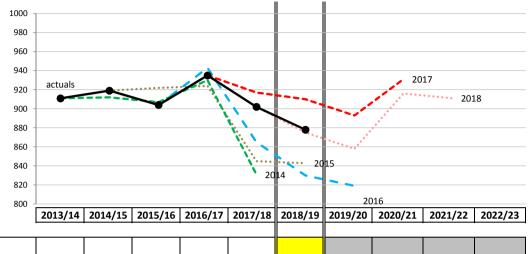
Accuracy key

+/-<2% or +/-<7

## Appendix B: Comparison of accuracy of school projections.

## Pupil Projection Accuracy for Year R intake in Maidenhead Primary Schools

Pupil projections are carried out annually, and those from the last four years are shown here. For primary schools these look four years ahead.



2018/19 figures based on Reception place allocations as at 24th July 2018. This number may change between now and next spring.

### Notes

The 2014 projections for Maidenhead had, generally, proven very accurate, with the exception of more recent intakes, which were significantly underestimated. This is likely to be related to changing patterns of migration into the borough and the impact of new housing.

A much improved projection model was developed for 2015, and forms the basis of all subsequent projections.

The model continued to underestimate demand.

The 2017 model included a factor for the migration of children in and out of the area before they reach school age. This has overestimated the demand.

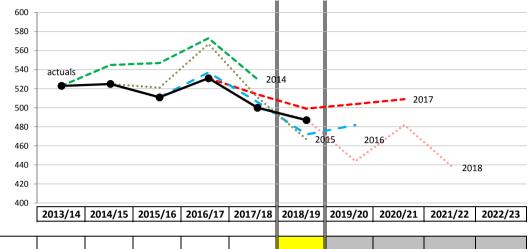
The 2018 model retains the migration factor, with minor adjustments and updated with the latest trends. This now produces lower projections than previously.

	800							2016				
		2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	
Actual Year R		911	919	904	935	902	878					
2014 Projected Yr R			912	907	930	831						
Difference to actual			-7	+3	-5 ——	-71						
%			-0.8%	0.3%	-0.5%	-8.5%						
2015 Projected Yr R Difference to actual				<b>922</b> +18	<b>924</b> -11	<b>845</b> -57	<b>843</b> -35					
				2.00/	4.20/	6 704	4.20/					
%				2.0%	-1.2%	-6.7%	-4.2%	040				
<b>2016 Projected Yr R</b> Difference to actual					943 +8 ——	-37	<b>830</b> -48	819				
<u>%</u>					0.8%	-4.3%	-5.8%					
<b>2017 Projected Yr R</b> Difference to actual						<b>917</b> +15	910 +32	893	931			
%						1.6%	3.5%					
2018 Projected Yr R Difference to actual							-3 	858	916	911		
%							-0.3%					
Accuracy key	+/- <1% or +/- <5	+/-<2% or +/-<7		or +/-<9	+/- <4% (	or +/- <11	+/- <5% or +/- <13 +/-= or			or >5%		

## Appendix B: Comparison of accuracy of school projections.

## **Pupil Projection Accuracy for Year R intake in Windsor First Schools**

Pupil projections are carried out annually, and those from the last four years are shown here. For primary schools these look four years ahead.



2018/19 figures based on Reception place allocations as at 24th July 2018. This number may change between now and next spring.

## Notes

The 2014 projections significantly over-projected future demand for Windsor.

An improved projection model was developed for 2015, and forms the basis of all subsequent projections. The 2015 projections indicated a bulge in demand for September 2016 (based on a significant bulge in the GP registrations data). This was not evident in the births data and, in the end, did not materialise.

The 2016 projections have been broadly accurate.

The 2017 model included a factor for the migration of children in and out of the area before they reach school age. This has been broadly accurate so far.

The 2018 model retains the migration factor, with minor adjustments and updated with the latest trends. This now produces lower projections than previously, which is particularly apparent for for 2019/20.

	400										
		2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Actual Year R		523	525	511	531	500	487				
2014 Projected Yr R			545	547	573	530					
Difference to actual			+20	+36	+42	+30					
<u> </u>			3.7%	6.6%	7.3%	5.7%					
2015 Projected Yr R Difference to actual				<b>521</b> +10	<b>567</b> +36	<b>511</b> +11	<b>467</b> -20				
%				1.9%	6.3%	2.2%	-4.3%				
2016 Projected Yr R					537	506	472	482			
Difference to actual					+6	+6	-15				
%					1.1%	1.2%	-3.2%				
2017 Projected Yr R						514	499	504	509		
Difference to actual						+14	+12				
%						2.7%	2.4%				
2018 Projected Yr R Difference to actual							<b>488</b> +1	444	482	437	
%							0.2%				
Accuracy key	+/- <1% or +/- <5	+/-<2% or +/-<7		+/- <3%	or +/- <9	+/- <4% or +/- <		+/- <5% or +/- <13		+/- = or >5%	

#### Pupil Projection Accuracy for Year 7 intake in Ascot Secondary Schools Pupil projections are 400 carried out annually, 380 and those from the 360 last four years are shown here. For 340 secondary schools 320 these look five years 300 ahead. 280 2017 actuals 260 240 2016 220 2018/19 figures based on Year 7 place allocations as at 24th July 2018. This 200 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 number may change between now and next spring. Actual Year R 246 245 251 240 270 270 Notes 247 2014 Projected Yr 7 257 251 255 257 ifference to actual +2 +6 +11 -5.9% 0.8% 2.3% 4.4% -5.1% An improved projection model was developed for 2015, and forms the basis of all 2015 Projected Yr 7 248 243 254 256 273 Difference to actual -3 +3 -14 subsequent projections. ...... -1.2% 1.2% -6.3% -5.5% 2016 Projected Yr 7 Charters School expanded by 30 places in September 2017, ahead of an increase 246 230 236 250 242 in demand from local children. The likelihood that the spare places would be filled -40 Difference to actual +6 by out-borough children was, through an oversight, not properly taken into account. 2.4% -17.4% -14.4% Projections from 2017 onwards take into account the likelihood that out-borough 2017 Projected Yr 7 266 263 274 255 260 demand will fill any 'spare' places at Charters. The increased capacity at the Difference to actual -4 -7 school is expected to provide sufficient places for local designated area demand over the forecast period. -1.5% -2.7% 270 275 263 264 277 2018 Projected Yr 7 Difference to actual ...... 0.0% +/-<3% or +/-<9 +/-<4% or +/-<11 +/-<5% or +/-<13

+/-<1% or +/-<5

Accuracy key

+/-<2% or +/-<7

#### **Pupil Projection Accuracy for Year 5 intake in Windsor Middle Schools** Pupil projections are 600 carried out annually, 580 and those from the 560 last four years are shown here. For 540 secondary schools 2017 520 these look five years 500 ahead. 480 2015 460 440 actuals 420 2018/19 figures based on Year 5 place allocations as at 24th July 2018. This 400 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 number may change between now and next spring. **Actual Year 5** 426 401 431 453 449 479 Notes 400 484 2014 Projected Yr 5 445 457 451 ifference to actual +14 +4 +2 +5 -0.3% 3.1% 0.9% 0.4% 1.0% Animproved projection model was developed for 2015, and forms the basis of all 2015 Projected Yr 5 428 442 439 467 474 subsequent projections. Increasing popularity at one of the middle schools that Difference to actual -3 -11 -10 -12 was previously less popular led to some consistent, though largely minor, ...... underprojection of demand. -0.7% -2.5% -2.3% -2.6% 2016 Projected Yr 5 447 454 490 509 503 Difference to actual -6 +5 +11 -1.3% 1.1% 2.2% 2017 Projected Yr 5 468 505 521 500 528 The 2017 projections overestimated future demand for middle school places, partially due to increased movement of children out of the first schools before Difference to actual +19 transfer age, and partially due to fewer children transferring in from Datchet & Wraysbury. 4.1% 5.1% 482 499 491 489 468 2018 Projected Yr 5 Difference to actual +3 ...... 0.6%

+/-<3% or +/-<9 +/-<4% or +/-<11 +/-<5% or +/-<13

+/- <1% or +/- <5

Accuracy key

+/-<2% or +/-<7

#### Pupil Projection Accuracy for Year 9 intake in Windsor Upper Schools Pupil projections are 600 carried out annually, 580 and those from the 560 last four years are shown here. For 540 secondary schools 520 these look five years 2016 - 2017 2018 - 2017 2018 - 2017 2019 500 ahead. 480 460 440 420 2018/19 figures based on Year 9 place allocations as at 24th July 2018. This 400 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 number may change between now and next spring. **Actual Year 9** 406 406 406 404 457 429 Notes 422 431 2014 Projected Yr 9 414 383 464 ifference to actual +16 +8 +7 +2 3.8% 1.9% -5.5% 1.5% 0.5% An improved projection model was developed for 2015, and forms the basis of all 2015 Projected Yr 9 431 414 475 447 481 subsequent projections. The 2015 projections have generally overpredicted Difference to actual +10 +18 +18 demand, partly due to initial assumptions about the impact of the (then) new ...... Holyport College. 5.8% 2.4% 3.8% 4.0% 2016 Projected Yr 9 402 463 436 473 Difference to actual -2 +6 +7 -0.5% 1.3% 1.6% 2017 Projected Yr 9 463 436 456 473 487 Difference to actual +6 +7 1.3% 1.6% 425 466 480 465 513 2018 Projected Yr 9 Difference to actual ...... -0.9%

+/-<3% or +/-<9 +/-<4% or +/-<11 +/-<5% or +/-<13

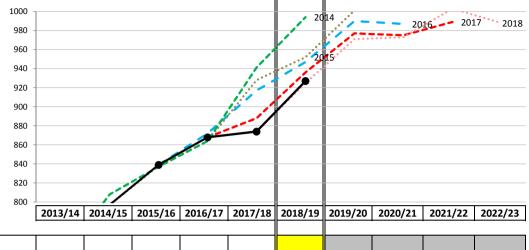
+/-<2% or +/-<7

+/- <1% or +/- <5

Accuracy key

## Pupil Projection Accuracy for Year 7 intake in Maidenhead Secondary Schools





2018/19 figures based on Year 7 place allocations as at 24th July 2018. This number may change between now and next spring.

## Notes

The 2014 projections have been broadly accurate until 2016/17, but have significantly overprojected demand since then. This has been partly due to a shift in the 2017 intake, when there was a large proportional increase in the number of pupils applying for and getting places in selective schools in neighbouring authorities.

An improved projection model was developed for 2015, and forms the basis of all subsequent projections. The 2015 projections still overprojected demand for 2017/18 onwards.

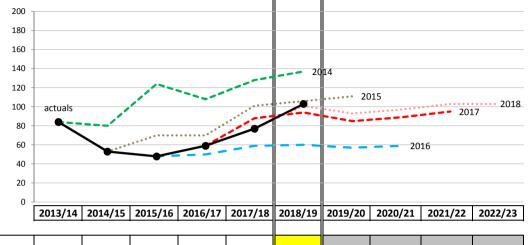
The 2017 projections took account of the then apparent shift in parental preference towards selective provision, partly counter-balanced by more outborough children getting places in Maidenhead.

Demand going forward could, of course, change from that projected if fewer children seek places in selective schools.

	800 -		/_				ll .					
		2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	
Actual Year 7		739	797	839	868	874	927					
2014 Projected Yr 7			808	837	864	941	994					
Difference to actual			+11	-2	-4	+67	+67					
%			1.4%	-0.2%	-0.5%	7.1%	6.7%					
2015 Projected Yr 7				838	864	928	952	1001				
Difference to actual				-1	-4	+54	+25					
						_						
%				-0.1%	-0.5%	5.8%	2.6%					
2016 Projected Yr 7					872	917	947	990	987			
Difference to actual					+4	+43	+20					
%					0.5%	4.7%	2.1%					
2017 Projected Yr 7						888	936	977	975	989		
Difference to actual						+14	+9					
%						1.6%	1.0%					
2018 Projected Yr 7							925	971	973	1003	988	
Difference to actual							-2					
<u> </u>							-0.2%				<u> </u>	
				1								
Accuracy key	+/- <1% or +/- <5	+/- <2%	or +/- <7	+/- <3%	or +/-<9	+/- <4%	or +/-<11	+/- <5%	or +/-<13	+/- = (	or >5%	

# Pupil Projection Accuracy for Year 7 intake in Datchet & Wraysbury Secondary Schools





2018/19 figures based on Year 7 place allocations as at 24th July 2018. This number may change between now and next spring.

## Notes

The projections for Churchmead have clearly not been accurate. Most of the school's intake comes from Slough, and a significant amount of new capacity was provided in four new secondary free schools between 2011 and 2015. These schools have taken many children who might otherwise have gone to Churchmead.

An improved projection model was developed for 2015, and forms the basis of all subsequent projections. The 2015 projections still underestimated the fall in demand for the school.

The 2016 projections assumed that demand at Churchmead would remain low.

Churchmead's January 2016 'Good' Ofsted led to an increase in popularity, which was then projected forward.

The 2018 projections may again prove to be low, if the school continues to become more popular.

		2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
						1					
Actual Year 7		84	53	48	59	77	103				
2014 Projected Yr 7			80	124	108	128	137				
Difference to actual			+27	+76	+49	+51	+34				
<u></u> %			33.8%	61.3%	45.4%	39.8%	24.8%				
2015 Projected Yr 7				70	70	101	106	111			
Difference to actual				+22	+11	+24	+3				
0/				31.4%	15.7%	23.8%	2.00/				
%				31.4%			2.8%				
2016 Projected Yr 7 Difference to actual					<b>50</b> -9	<b>59</b> -18	<b>60</b> -43	57	59		
Difference to detadi						10					
%					-18.0%	-30.5%	-71.7%				
2017 Projected Yr 7						88	94	85	89	95	
Difference to actual						+11	-9				
%						12.5%	-9.6%				
2018 Projected Yr 7							101	93	97	103	103
Difference to actual							-2				
%							-2.0%				
Accuracy key	+/- <1% or +/- <5	+/-<2%	or +/- <7	+/- <3%	or +/-<9	+/- <4%	or +/-<11	+/-<5% (	or +/- <13	+/- = 0	or >5%
riccaracy Kcy	., 170 01 1/-13	1/ 12/0	0, 1, 1,	1/ \3/0	0, 1, 13	./ \4/0	J/ \11	./ \3/0	Ji 1/ \13		7-370