

Gilt Week Ahead

24 August 2020, Tim Davis

Last week saw surprises in both retail sales (stronger than expected) and inflation (higher than expected as more firms pass on Covid-related costs). The week ahead will see UK data take a back seat with the main event of the week a speech by Bank of England Governor Andrew Bailey at the virtual Jackson Hole Symposium event on Friday. Bailey's speech will likely be less closely watched than Fed Chair Jay Powell, who is expected to give further details on the Fed's framework including possibly moving to an average inflation targeting regime. However, the speech will still be followed as to whether there are any hints as to whether and by how much QE will be expanded later this year as well as any comments on the path of monetary policy normalisation in the UK – whether the UK would reverse QE or begin to raise rates first.

Elsewhere, Chief Economist Haldane is due to appear on a panel on Wednesday to discuss inequality and prejudice while the DMO is due to release more details of the syndicated launch of the Jul-35 gilt. CBI sales and the Lloyd Business Barometer mark the highlights for the data calendar.

Supply Previews

0.125% Jan-26 auction

Issuance will kick off for the week on Tuesday with the 0.125% Jan-26 gilt on offer for GBP3.00bln. This will be the fifth auction of the gilt since its June launch and the smallest so far with all the other auctions having seen GBP3.25bln on offer. Outside of the launch auction, demand has stayed relatively stable with GBP7.29-7.53bln bid while tails have been 0.3-0.4bp excluding the launch auction that saw an even tighter tail of 0.2bp. The gilt will be on offer another three times before the end of November.

1.625% Oct-54 auction

GBP1.25bln of the 1.625% Oct-54 gilt will also be available on Tuesday. Like with the 0.125% Jan-26 auction, the size for the 1.625% Oct-54 auction is smaller than previous recent issues. Indeed the 1.625% Oct-54 gilt has not seen an auction this small since its syndicated launch in May 2019. After some weak auctions of the 0.625% Oct-50 gilt and the 1.75% Jul-57 gilt in early-mid July recent auctions have seen tighter tails and better bid-to-cover ratios.

0.375% Oct-30 auction

Issuance will complete for both the week and the month on Wednesday with GBP2.75bln of the 0.375% Oct-30 gilt on offer. Demand remains strong around the ten-year sector with the widest tail seen at an auction of the 0.375% Oct-30 gilt measuring just 0.3bp while bid-to-cover ratios have ranged from 2.32-2.75x. Last week's auction of the 0.875% Oct-29 gilt saw decent demand too, with a tail of 0.3bp and bid-to-cover of 2.38x. The 0.375% Oct-30 gilt will be on offer three more times before the end of October with the new Jul-31 gilt due to launch in November.

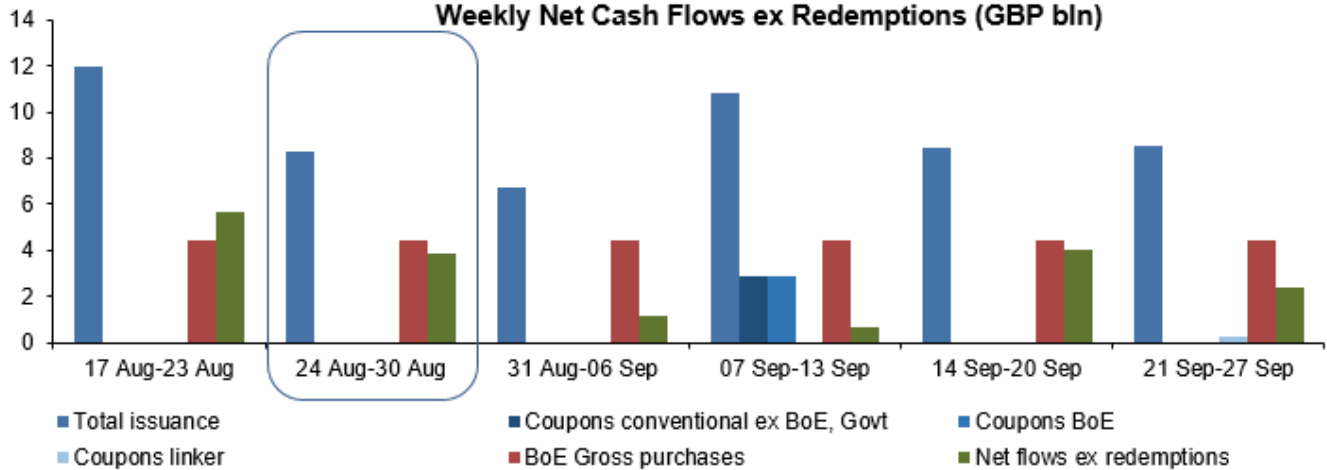
Gilt Issuance, Redemption and Cash Flow Matrix



Net Cash Flow Matrix (GBP bln)

	17 Aug-23 Aug	24 Aug-30 Aug	31 Aug-06 Sep	07 Sep-13 Sep	14 Sep-20 Sep	21 Sep-27 Sep
Issuance - conventional	10.1	8.3	5.6	10.8	8.5	7.1
Issuance - linker	1.8		1.2			1.5
Redemptions ex BoE				17.1		
Redemptions BoE				6.1		
Redemptions linker						
Coupons - conventional ex BoE				2.8		
Coupons - conventional BoE				2.9		
Coupons - Linkers						0.3
Gross BoE purchases	4.4	4.4	4.4	4.4	4.4	4.4
Net flow	7.5	3.9	2.3	-13.5	4.1	3.8
Net flow ex linker	5.7	3.9	1.1	-13.5	4.1	2.7

Weekly Net Cash Flows ex Redemptions (GBP bln)



QE Tracker

Gilt Market Flows (ex linker)



Purchase Proceeds Since March 20 (Date Medium Bucket Redefined)



Short-dated Purchases

Gilt	GBP bln
0.75% Jul-23	12.43
2.25% Sep-23	8.59
1.00% Apr-24	12.14
2.75% Sep-24	8.03
5.00% Mar-25	-
0.625% Jun-25	13.21
2.00% Sep-25	7.06
0.125% Jan-26	3.18
1.50% Jul-26	13.44
1.25% Jul-27	1.37

Medium-dated Purchases

Gilt	GBP bln
1.25% Jul-27	6.04
4.25% Dec-27	-
0.125% Jan-28	2.78
1.625% Oct-28	20.33
6.00% Dec-28	-
0.875% Oct-29	26.22
0.375% Oct-30	4.62
4.75% Dec-30	5.74
4.25% Jun-32	1.03
4.50% Sep-34	3.45
4.25% Mar-36	1.94
1.75% Sep-37	5.31
4.75% Dec-38	1.03
4.25% Sep-39	0.95

Long-dated purchases

Gilt	GBP bln
4.25% Dec-40	1.96
1.25% Oct-41	3.80
4.50% Dec-42	1.01
3.25% Jan-44	2.84
3.50% Jan-45	1.38
4.25% Dec-46	1.37
1.50% Jul-47	2.69
1.75% Jan-49	15.29
4.25% Dec-49	3.25
0.625% Oct-50	2.21
3.75% Jul-52	6.41
1.625% Oct-54	7.56
4.25% Dec-55	1.06
1.75% Jul-57	6.68
4.00% Jan-60	4.50
0.50% Oct-61	1.97
2.50% Jul-65	5.75
3.50% Jul-68	4.28
1.625% Oct-71	5.44

Gilts in red reached BoE 70% free float issue limit so are ineligible for further purchases
 A gilt will only be eligible for purchases when its issue size exceeds GBP4bln
 A gilt is ineligible for purchase if there is any primary issuance of the gilt within 7 days
 Gilts in purple have moved to/from a different maturity bucket

April 2020 Issuance/Purchases

	0-3 years	3-5 years	5-7 years	7-15 years	15-20 years	20+ years
DMO issuance	4.1	7.8	11.1	17.6	2.7	13.0
BoE purchases	-	9.7	11.3	18.4	2.6	21.0
Net	4.1	-1.9	-0.1	-0.7	0.1	-8.0

May 2020 Issuance/Purchases

	0-3 years	3-5 years	5-7 years	7-15 years	15-20 years	20+ years
DMO issuance	7.7	4.0	7.8	22.3	-	17.3
BoE purchases	-	9.3	8.7	16.9	1.1	18.0
Net	7.7	-5.3	-0.9	5.3	-1.1	-0.7

June 2020 Issuance/Purchases

	0-3 years	3-5 years	5-7 years	7-15 years	15-20 years	20+ years
DMO issuance	4.3	11.2	10.7	14.4	-	16.1
BoE purchases	-	14.1	2.8	15.4	1.6	17.0
Net	4.3	-2.9	7.9	-0.9	-1.6	-0.8

July 2020 Issuance/Purchases

	0-3 years	3-5 years	5-7 years	7-15 years	15-20 years	20+ years
DMO issuance	7.3	7.9	11.7	16.9	-	13.1
BoE purchases	-	7.8	2.5	8.9	1.4	10.4
Net	7.3	0.1	9.2	7.9	-1.4	2.8

August 2020 Issuance/Purchases (MNI Estimates)

	0-3 years	3-5 years	5-7 years	7-15 years	15-20 years	20+ years
DMO issuance	4.1	3.4	7.5	13.0	-	9.0
BoE purchases	-	2.7	4.1	4.5	2.3	6.7
Net	4.1	0.7	3.4	8.6	-2.3	2.3

September 2020 Issuance/Purchases (MNI Estimates)

	0-3 years	3-5 years	5-7 years	7-15 years	15-20 years	20+ years
DMO issuance	3.7	-	6.7	14.3	2.0	8.3
BoE purchases	-	5.1	2.3	6.8	0.6	7.4
Net	3.7	-5.1	4.5	7.6	1.4	0.9

October 2020 Issuance/Purchases (MNI Estimates)

	0-3 years	3-5 years	5-7 years	7-15 years	15-20 years	20+ years
DMO issuance	3.7	7.3	3.4	12.7	-	10.4
BoE purchases	-	4.1	1.8	5.4	0.5	5.9
Net	3.7	3.3	1.6	7.2	-0.5	4.5

November 2020 Issuance/Purchases (MNI Estimates)

	0-3 years	3-5 years	5-7 years	7-15 years	15-20 years	20+ years
DMO issuance	-	3.7	6.7	9.6	-	8.2
BoE purchases	-	5.1	2.3	5.4	0.5	5.9
Net	-	-1.4	4.5	4.2	-0.5	2.3

Notes: We assume the current £1.473bln per operation pace until the end of November
 Source for all: MNI, DMO, Bank of England

2020/21 Gilt Sales to Date



DMO Supply (GBP mln)

Date	Issue	Nom Amount	PAOF	Cash proceeds	Yield	Bid-to-cover	Tail
1-Apr	1.625% Oct-28	3000	-	3359	0.212%	3.45	
2-Apr	1.25% Oct-41	2000	230.0	2428	0.800%	2.56	0.3
7-Apr	0.125% Jan-23	3250	812.5	4053	0.204%	3.05	0.6
7-Apr	1.75% Jul-57	1250	312.5	2089	0.719%	3.13	0.2
8-Apr	4.75% Dec-30	2000	92.5	3048	0.376%	3.85	0.2
8-Apr	2.00% Sep-25	2750	-	3029	0.119%	2.67	0.7
15-Apr	0.875% Oct-29	3000	676.2	3885	0.263%	2.94	0.3
15-Apr	1.75% Sep-37	2000	313.7	2742	0.625%	2.97	0.3
16-Apr	1.50% Jul-26	3000	648.8	3964	0.117%	2.38	0.4
16-Apr	1.75% Jan-49	2000	500.0	3201	0.676%	2.40	0.2
21-Apr	0.625% Jun-25	3250	812.5	4157	0.168%	2.83	0.3
21-Apr	1.625% Oct-54	1500	375.0	2484	0.584%	2.53	0.2
22-Apr	1.25% Jul-27	3000	141.0	3388	0.160%	2.37	0.3
22-Apr	1.00% Apr-24	3250	421.5	3800	0.123%	2.55	0.2
28-Apr	0.875% Oct-29	3000	750.0	3965	0.261%	3.19	0.1
28-Apr	0.125% Aug-28 Linker	1200	300.0	1951	-2.503%	3.38	
29-Apr	2.75% Sep-24	3000	616.4	4032	0.103%	2.79	0.3
29-Apr	1.75% Jan-49	2000	152.5	2797	0.612%	2.33	0.1
5-May	2.00% Sep-25	3250	812.5	4492	0.017%	2.88	0.2
5-May	1.625% Oct-28	3000	-	3362	0.112%	2.56	0.3
6-May	0.125% Jan-23	3750	148.0	3901	0.101%	2.59	0.3
6-May	1.625% Oct-54	1750	-	2376	0.495%	2.60	0.2
12-May	0.375% Oct-30	12000	-	12026	0.354%		
13-May	0.125% Aug-48 Linker	600	145.9	1506	-2.166%	3.36	
14-May	0.625% Jun-25	3250	-	3347	0.037%	2.55	0.4
14-May	1.25% Oct-41	2250	-	2547	0.594%	2.16	0.2
19-May	0.50% Oct-61	7000	-	6781	0.585%		
20-May	0.75% Jul-23	3750	119.6	3962	-0.003%	2.15	0.4
21-May	0.125% Aug-28 Linker	1250	312.5	2083	-2.807%	2.77	
21-May	4.25% Jun-32	2000	500.0	3659	0.321%	2.99	0.2
27-May	0.125% Jan-23	3750	-	3759	0.030%	2.32	0.4
27-May	1.75% Jul-57	1500	285.5	2509	0.544%	2.47	0.2
28-May	1.25% Jul-27	2750	177.5	3184	0.025%	2.21	0.3
28-May	1.75% Jan-49	2000	357.8	3067	0.604%	2.62	0.2
2-Jun	0.125% Jan-26	3250	78.8	3343	0.048%	2.72	0.2
2-Jun	0.375% Oct-30	3000	750.0	3794	0.260%	2.75	0.1
3-Jun	2.25% Sep-23	3250	691.2	4230	-0.002%	2.46	0.3
3-Jun	1.625% Oct-54	1500	-	1970	0.612%	2.34	0.2
3-Jun	0.625% Oct-50	9000	-	8671	0.760%		
10-Jun	0.125% Nov-36 Linker	900	-	1571	-2.550%	2.52	
11-Jun	1.00% Apr-24	3250	-	3381	-0.041%	2.52	0.6
11-Jun	0.125% Jan-28	3250	788.6	4041	0.111%	2.06	0.7
16-Jun	1.50% Jul-26	3000	716.3	4052	0.016%	2.67	0.2
16-Jun	4.75% Dec-30	2000	-	2936	0.224%	3.32	0.2
17-Jun	0.125% Jan-23	3750	510.7	4272	0.021%	2.21	0.3
17-Jun	1.25% Oct-41	2250	562.5	3181	0.596%	2.11	0.4
23-Jun	0.125% Jan-26	3250	-	3267	0.031%	2.28	0.4
23-Jun	0.375% Oct-30	3000	628.8	3675	0.249%	2.32	0.3
24-Jun	2.75% Sep-24	3250	-	3631	-0.040%	2.01	0.8
24-Jun	1.625% Oct-54	1500	268.3	2296	0.654%	2.30	0.4
25-Jun	0.125% Mar-29 Linker	1100	129.6	1957	-2.794%	2.71	
1-Jul	0.125% Jan-28	3000	-	3005	0.104%	1.84	0.6
1-Jul	0.625% Oct-50	2250	536.0	2753	0.668%	1.68	1.1
2-Jul	0.625% Jun-25	3500	761.2	4400	-0.033%	2.53	0.4
2-Jul	4.50% Sep-34	2000	329.3	3641	0.408%	2.14	0.4
7-Jul	0.125% Jan-23	3750	-	3765	-0.034%	2.16	0.5
7-Jul	1.25% Oct-41	2250	562.5	3162	0.626%	2.24	0.3
9-Jul	0.125% Aug-41 Linker	900	162.9	1899	-2.434%	2.19	
14-Jul	0.125% Jan-26	3250	584.1	3864	-0.017%	2.32	0.4
14-Jul	0.375% Oct-30	3000	750.0	3818	0.197%	2.50	0.2
15-Jul	2.25% Sep-23	3250	-	3487	-0.063%	2.10	0.5
15-Jul	1.75% Jul-57	1500	-	2067	0.608%	1.83	1.0
21-Jul	1.50% Jul-26	3000	750.0	4103	-0.064%	2.64	0.2
21-Jul	0.625% Oct-50	2250	461.0	2668	0.683%	1.78	1.2
22-Jul	0.125% Jan-28	3000	-	3018	0.450%	2.15	0.4
22-Jul	1.25% Nov-32 Linker	500	-	1085	-2.853%	2.51	
28-Jul	1.25% Jul-27	3000	437.5	3749	-0.046%	2.08	0.7
28-Jul	1.625% Oct-54	1500	375.0	2460	0.612%	1.74	0.7
29-Jul	0.125% Jan-23	3500	-	3519	0.003%	2.18	0.7
29-Jul	1.625% Oct-28	2750	258.9	3410	-0.088%	1.80	0.6
4-Aug	0.125% Jan-26	3250	812.5	4105	-0.068%	2.24	0.3
4-Aug	1.25% Oct-41	2250	562.5	3181	0.592%	1.95	0.7
5-Aug	0.375% Oct-30	2750	-	2816	0.138%	2.41	0.3
5-Aug	0.125% Aug-48 Linker	500	62.3	1170	-2.291%	2.13	
11-Aug	0.625% Jun-25	3250	-	3356	-0.049%	2.25	0.4
11-Aug	1.75% Jul-57	1250	-	1689	0.674%	2.16	0.6
12-Aug	0.125% Jan-28	2750	687.5	3432	0.151%	2.88	0.2
18-Aug	0.125% Jan-23	3250	812.5	4077	-0.025%	2.59	0.2
18-Aug	0.625% Oct-50	2000	477.3	2372	0.784%	2.09	0.5
19-Aug	0.875% Oct-29	2750	687.5	3664	0.153%	2.38	0.3
20-Aug	0.125% Aug-28 Linker	1100	275.0	1832	-2.882%	2.44	

2019/20 Issuance: Cash Proceeds

	2019	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	Target	% Target	Remaining
Conventional	Short	3.49	3.02	3.06	3.37	3.04	3.07	3.47	3.48	3.42	3.27	3.49	6.82	43.0	42.8	100.4	-
	Medium	3.28	-	3.16	3.19	-	2.84	3.24	2.86	3.20	6.03	3.56	3.80	35.2	34.0	103.4	-
	Long 15-28YR	2.29	-	-	2.42	-	-	2.55	-	-	2.59	-	-	9.8	-	-	-
	Long 29-40YR	-	-	2.43	-	2.64	-	-	2.64	2.31	-	-	2.71	12.7	21.8	103.6	-
	Long 41YR+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Syndication:	-	4.78	-	-	-	-	4.62	-	-	-	-	3.21	-	12.6	13.7	92.1
Tender:	-	-	-	-	-	0.88	-	-	-	-	-	0.51	-	1.4	-	-	-
Total conventional	9.1	7.8	8.6	9.0	6.6	10.5	9.3	9.0	8.9	11.9	10.8	13.3	114.8	112.3	102.1		
Index-linked	Short	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Medium	-	1.84	-	-	1.73	-	1.44	-	-	1.37	-	1.58	8.0	-	-	-
	Long 15-28YR	-	-	-	-	-	-	1.62	-	-	-	1.34	-	3.0	14.1	101.6	-
	Long 29-40YR	-	-	1.31	-	-	1.16	-	-	0.92	-	-	-	3.4	-	-	-
	Long 41YR+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Syndication:	-	-	-	4.19	-	-	-	3.60	-	-	-	-	-	7.8	8.0	97.4
Tender:	0.48	-	-	-	-	-	-	-	-	0.48	-	-	-	1.0	-	-	-
Total linker	0.5	1.8	1.3	4.2	1.7	1.2	3.1	3.6	0.9	1.8	1.3	1.6	23.1	22.1	104.4		
Unallocated:	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	-
Total	9.5	9.6	10.0	13.2	8.3	11.7	12.3	12.6	9.9	13.7	12.1	14.9	137.8	136.8	100.8		

2018/19 Issuance: Cash Proceeds

	2018	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Conventional	Short	2.70	3.36	2.71	2.74	-	2.98	2.95	-	2.50	2.80	-	3.42	26.2
	Medium	2.51	2.81	-	2.93	2.54	2.76	-	2.28	-	2.65	2.70	-	21.2
	Long 15-28YR	-	-	2.57	-	-	-	-	2.24	-	2.01	-	-	6.8
	Long 29-40YR	2.24	-	-	2.40	-	2.46	-	-	1.94	-	1.75	1.73	12.5
	Long 41YR+	-	-	-	-	-	-	-	-	-	-	-	-	-
	Syndication:	-	5.86	-	-	-	-	-	4.73	-	-	-	-	10.6
Tender:	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total conventional	7.4	12.0	5.3	8.1	2.5	8.2	7.7	4.5	4.4	7.5	4.4	5.2	77.3	
Index-linked	Short	-	-	-	-	-	-	-	-	-	-	-	-	-
	Medium	-	-	1.66	-	1.34	-	1.34	-	-	-	1.57	-	5.9
	Long 15-28YR	-	1.65	-	-	-	-	-	-	-	-	-	-	1.7
	Long 29-40YR	1.20	-	-	-	-	1.42	-	1.07	0.88	-	-	0.62	5.2
	Long 41YR+	-	-	-	-	-	-	-	-	-	-	-	-	-
	Syndication:	-	-	-	4.84	-	-	-	-	-	-	3.80	-	8.6
Tender:	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total linker	1.2	1.7	1.7	4.8	1.3	1.4	1.3	1.1	0.9	-	5.4	0.6	21.4	
Unallocated:	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	8.7	13.7	6.9	12.9	3.9	9.6	9.0	5.6	5.3	7.5	9.8	5.8	98.6	

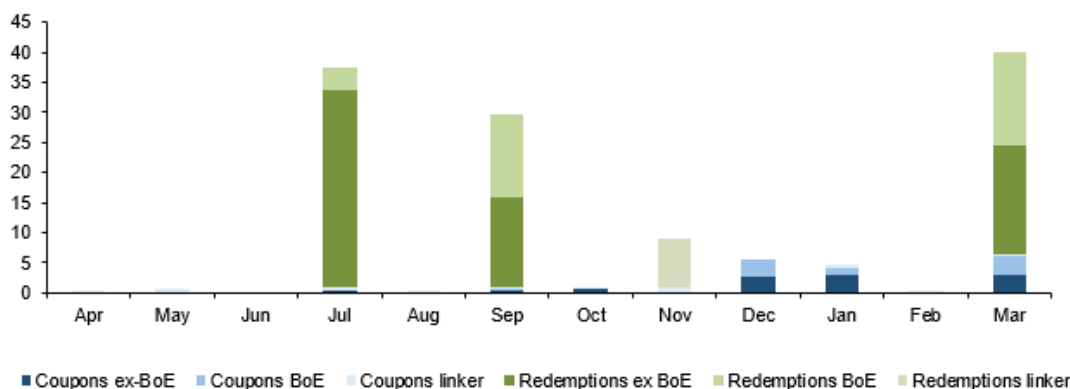
2019/20: Coupon payments

2019	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Nominal	-	-	-	0.32	-	0.54	0.66	-	7.16	4.09	-	6.80	19.6
-BoE	-	-	-	0.03	-	0.25	0.03	-	3.01	0.97	-	3.16	7.5
-ex-BoE	-	-	-	0.25	-	0.25	0.63	-	2.60	3.00	-	2.91	9.6
Linker:	0.28	0.77	-	0.61	0.02	0.29	0.29	0.79	-	0.62	0.02	0.29	4.0
Total	0.3	0.8	-	0.9	0.0	0.8	0.9	0.8	7.2	4.7	0.0	7.1	23.5

2019/20: Redemptions

2019	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Nominal	-	-	-	36.50	-	28.74	-	-	-	-	-	33.70	98.9
-BoE	-	-	-	3.77	-	13.53	-	-	-	-	-	15.44	32.7
-ex-BoE	-	-	-	32.74	-	15.20	-	-	-	-	-	18.26	66.2
Linker:	-	-	-	28.11	-	13.54	-	-	-	-	-	12.04	53.7
-inc uplift	-	-	-	-	-	-	-	8.18	-	-	-	-	8.2
Total cash	-	-	-	36.5	-	28.7	-	8.2	-	-	-	33.7	107.1

Monthly Cash Flows 2019/20 (GBP bln)



2019/20 Issuance Calendar



DMO Supply (GBP mln)

Date	Country	Issue	Nom Amount	PAOF	Cash proceeds	Yield	Bid-to-cover	Tail
2-Apr	Auction	1.00% Apr-24	3000	450.0	3493	0.75%	2.4	0.2
9-Apr	Auction	1.625% Oct-28	2750	385.1	3281	1.11%	2.3	0.3
10-Apr	Tender	0.125% Nov-36 Linker	300	-	477	-2.03%	2.7	
16-Apr	Auction	1.75% Sep-37	2250	-	2286	1.65%	2.3	0.2
9-May	Auction	1.00% Apr-24	3000	-	3022	0.85%	2.4	0.6
14-May	Syndication	1.625% Oct-54	4750	-	4779	1.60%		
23-May	Auction	0.125% Aug-28 Linker	1250	187.5	1840	-2.33%	2.4	
4-Jun	Auction	1.00% Apr-24	3000	-	3056	0.61%	2.1	0.5
12-Jun	Auction	0.125% Aug-48 Linker	700	-	1311	-1.91%	1.8	
18-Jun	Auction	0.875% Oct-29	2750	412.5	3158	1.82%	2.6	1.9
25-Jun	Auction	1.75% Jan-49	2250	-	2428	1.42%	1.8	0.6
2-Jul	Auction	0.625% Jun-25	3000	373.1	3374	0.62%	1.9	0.7
9-Jul	Syndication	0.125% Aug-41 Linker	2500	-	4191	-2.09%		
16-Jul	Auction	1.75% Sep-37	2250	-	2423	1.27%	2.18	0.2
23-Jul	Auction	0.875% Oct-29	2750	412.5	3189	0.79%	2.2	0.5
6-Aug	Auction	0.625% Jun-25	3000	-	3045	0.37%	2.1	0.7
13-Aug	Auction	1.75% Jan-49	2000	300.0	2645	1.15%	2.0	0.4
20-Aug	Auction	0.125% Aug-28 Linker	1100	165.0	1731	-2.96%	2.3	
22-Aug	Tender	4.25% Dec-46	500	-	883	1.02%	2.5	
3-Sep	Auction	0.625% Jun-25	3000	-	3069	0.22%	1.8	0.8
5-Sep	Auction	0.875% Oct-29	2750	-	2838	0.55%	1.9	0.5
10-Sep	Syndication	1.625% Oct-54	4000	-	4622	1.09%		
24-Sep	Auction	0.125% Aug-48 Linker	500	75.0	1163	-2.15%	2.2	
1-Oct	Auction	1.75% Sep-37	2250	-	2551	0.94%	1.9	0.8
8-Oct	Auction	0.125% Nov-36 Linker	800	120.0	1625	-2.57%	2.0	
15-Oct	Auction	0.875% Oct-29	2750	412.5	3237	0.63%	1.9	0.5
22-Oct	Auction	0.625% Jun-25	3000	450.0	3467	0.53%	2.3	0.5
29-Oct	Auction	0.125% Aug-28 Linker	1100	-	1444	-2.48%	2.6	
5-Nov	Auction	0.875% Oct-29	2750	70.3	2858	0.73%	2.6	0.3
14-Nov	Auction	1.75% Jan-49	2250	106.7	2641	1.25%	1.7	1.1
19-Nov	Syndication	0.125% Aug-41 Linker	2250	-	3605	-1.88%		
26-Nov	Auction	0.625% Jun-25	3000	449.9	3475	0.49%	2.2	0.3
3-Dec	Auction	0.875% Oct-29	2750	412.5	3204	0.74%	2.2	0.3
5-Dec	Auction	1.75% Jan-49	2000	82.4	2315	1.29%	2.1	0.2
11-Dec	Auction	0.125% Aug-48 Linker	500	-	920	-1.82%	2.6	
17-Dec	Auction	2.00% Sep-25	2750	412.5	3418	0.56%	2.4	0.2
7-Jan	Auction	0.875% Oct-29	2750	412.5	3186	0.79%	2.5	0.2
9-Jan	Auction	0.125% Aug-28 Linker	1000	56.0	1370	-2.44%	2.6	
14-Jan	Auction	0.625% Jun-25	3250	-	3265	0.54%	2.2	0.3
21-Jan	Auction	1.25% Oct-41	2250	295.9	2588	1.16%	2.2	0.2
23-Jan	Tender	0.125% Aug-48 Linker	250	-	477	-1.96%	3.4	
28-Jan	Auction	0.875% Oct-29	2750	-	2848	0.50%	2.3	0.2
4-Feb	Auction	0.125% Nov-36 Linker	800	-	1336	-2.26%	2.5	
11-Feb	Syndication	1.625% Oct-71	2500	-	3212	-0.93%		
20-Feb	Auction	1.50% Jul-26	3250	19.9	3490	0.44%	1.7	1.0
25-Feb	Auction	0.875% Oct-29	3250	192.0	3559	0.51%	2.2	0.4
27-Feb	Tender	1.75% Jul-57	400	-	514	0.86%	3.9	
4-Mar	Auction	0.625% Jun-25	3500	-	3574	0.22%	1.8	1.4
5-Mar	Auction	0.125% Aug-28 Linker	1100	144.2	1583	-2.72%	2.5	
10-Mar	Auction	4.75% Dec-30	2250	337.5	3801	0.31%	2.2	0.6
17-Mar	Auction	1.75% Jan-49	2000	300.0	2713	0.01%	2.1	1.8
19-Mar	Auction	0.625% Jun-25	3250	-	3248	0.01%	2.0	1.4