

## Auction Results

No.	Date	ISIN	Bond <sup>1</sup>	Coupon	Maturity	Maturity-segment	Issuance volume (€ m)	Type <sup>2</sup>	Bids (€ m)	Competitive Bids (€ m)	Non-competitive Bids (€ m)	Allotted Volumes (€ m)	Lowest accepted Price	Weighted Average Price <sup>3</sup>	Average Yield (%) <sup>4</sup>	Retention Quote (€ m)	Bid-to-Cover-Ratio <sup>5</sup>
1	2022-01-03	DE0001030393	Bubill		2022-07-20	12 M	3,000	R	6,055	5,640	415	1,815.00	100.3393	100.34037	-0.6230	1,185.00	3.3
e	2022-01-03	DE0001030575	ILB	0.10%	2046-04-15	30 Y	500	R								500.00	
2	2022-01-04	DE0001104867	Schatz	0.00%	2023-12-15	2 Y	5,000	R	7,781	4,410	3,371	3,957.00	101.21	101.212	-0.62	1,043.00	2.0
3	2022-01-05	DE0001102580	Bund	0.00%	2032-02-15	10 Y	4,000	N	4,554	1,518	3,036	3,129.80	100.95	100.95	-0.09	870.20	1.5
4*	2022-01-10	DE0001030369	Bubill		2022-04-21	12 M	4,000	R	8,640	7,410	1,230	3,830.00	100.1767	100.17677	-0.6417	170.00	2.3
4*	2022-01-10	DE0001030427	Bubill		2022-10-19	12 M	2,000	R	6,498	5,935	563	1,863.00	100.4913	100.49212	-0.6296	137.00	3.5
5	2022-01-11	DE0001030583	ILB	0.10%	2033-04-15	10 Y	750	R	975	520	455	630.00	123.9	123.93	-1.80	120.00	1.5
6	2022-01-12	DE0001102572	Bund	0.00%	2052-08-15	30 Y	1,500	R	1,407	386	1,021	1,256.00	91.82	91.86	0.28	244.00	1.1
7	2022-01-17	DE0001030807	Bubill		2023-01-18	12 M	3,000	N	10,451	8,475	1,976	2,726.00	100.6522	100.65293	-0.6416	274.00	3.8
8	2022-01-18	DE0001141851	Bobl	0.00%	2027-04-16	5 Y	4,000	N	4,340	2,020	2,320	3,220.00	101.53	101.54	-0.29	780.00	1.3
9	2022-01-19	DE0001102549	Bund	0.00%	2036-05-15	15 Y	1,500	R	1,522	258	1,264	1,325.80	97.83	97.84	0.15	174.20	1.1
10*	2022-01-24	DE0001030385	Bubill		2022-06-22	12 M	3,000	R	11,150	9,440	1,710	2,960.00	100.2788	100.27890	-0.6811	40.00	3.8
10*	2022-01-24	DE0001030443	Bubill		2022-12-14	12 M	3,000	R	6,985	5,670	1,315	2,915.00	100.6091	100.60916	-0.6769	85.00	2.4
11	2022-01-26	DE0001102580	Bund	0.00%	2032-02-15	10 Y	4,000	R	4,608	1,448	3,160	3,344.00	100.78	100.78	-0.08	656.00	1.4
12	2022-02-01	DE0001104875	Schatz	0.00%	2024-03-15	2 Y	6,000	N	5,831	3,140	2,691	4,846.00	101.06	101.066	-0.50	1,154.00	1.2
13*	2022-02-07	DE0001030377	Bubill		2022-05-18	12 M	3,000	R	7,039	5,560	1,479	2,929.00	100.186	100.18651	-0.6839	71.00	2.4
13*	2022-02-07	DE0001030435	Bubill		2022-11-23	12 M	3,000	R	5,205	4,640	565	1,215.00	100.4603	100.46104	-0.5757	1,785.00	4.3
14*	2022-02-08	DE0001030567	ILB	0.10%	2026-04-15	10 Y	500	R	1,187	580	607	412.80	109.35	109.35	-2.02	87.20	2.9
14*	2022-02-08	DE0001030575	ILB	0.10%	2046-04-15	30 Y	200	R	347	126	221	176.65	150.78	150.83	-1.60	23.35	2.0
15	2022-02-09	DE0001102481	Bund	0.00%	2050-08-15	30 Y	1,500	R	1,461	320	1,141	1,266.00	89.41	89.43	0.39	234.00	1.2
16	2022-02-14	DE0001030401	Bubill		2022-08-24	12 M	3,000	R	10,511	8,225	2,286	2,886.00	100.3618	100.36201	-0.6871	114.00	3.6
17	2022-02-15	DE0001141851	Bobl	0.00%	2027-04-16	5 Y	4,000	R	4,127	1,080	3,047	3,247.00	99.77	99.78	0.04	753.00	1.3
18	2022-02-16	DE0001102580	Bund	0.00%	2032-02-15	10 Y	4,000	R	6,522	2,181	4,341	3,272.55	96.98	96.98	0.31	727.45	2.0

## Auction Results

No.	Date	ISIN	Bond <sup>1</sup>	Coupon	Maturity	Maturity-segment	Issuance volume (€ m)	Type <sup>2</sup>	Bids (€ m)	Competitive Bids (€ m)	Non-competitive Bids (€ m)	Allotted Volumes (€ m)	Lowest accepted Price	Weighted Average Price <sup>3</sup>	Average Yield (%) <sup>4</sup>	Retention Quote (€ m)	Bid-to-Cover-Ratio <sup>5</sup>
19	2022-02-21	DE0001030815	Bubill		2023-02-22	12 M	3,000	N	4,870	2,750	2,120	2,845.00	100.6308	100.63561	-0.6247	155.00	1.7
20	2022-02-23	DE0001102549	Bund	0.00%	2036-05-15	15 Y	1,500	R	3,487	1,247	2,240	1,283.00	94.8	94.82	0.37	217.00	2.7
21*	2022-02-28	DE0001030393	Bubill		2022-07-20	12 M	3,000	R	6,857	5,234	1,623	2,673.00	100.2832	100.28338	-0.7266	327.00	2.6
21*	2022-02-28	DE0001030807	Bubill		2023-01-18	12 M	3,000	R	4,890	3,350	1,540	2,690.00	100.5866	100.59033	-0.6561	310.00	1.8
a	2022-03-01	DE0001102572	Bund	0.00%	2052-08-15	30 Y	4,000	R				4,000.00		90.733	0.320	0.00	
22 (d)	2022-03-02	DE0001030708	Green	0.00%	2030-08-15	10 Y	1,500	R	1,743	400	1,343	1,440.85	101.72	101.72	-0.20	59.15	1.2
d	2022-03-02	DE0001102507	Bund	0.00%	2030-08-15	10 Y	1,500	R								1,500.00	
e	2022-03-03	DE0001104875	Schatz	0.00%	2024-03-15	2 Y	2,500	R								2,500.00	
23*	2022-03-07	DE0001030385	Bubill		2022-06-22	12 M	3,000	R	5,782	4,150	1,632	2,932.00	100.2236	100.22395	-0.7661	68.00	2.0
23*	2022-03-07	DE0001030443	Bubill		2022-12-14	12 M	3,000	R	4,245	3,665	580	2,145.00	100.5348	100.53817	-0.6882	855.00	2.0
24*	2022-03-08	DE0001030559	ILB	0.50%	2030-04-15	10 Y	350	R	463	279	184	334.00	129.75	129.82	-2.74	16.00	1.4
24*	2022-03-08	DE0001030583	ILB	0.10%	2033-04-15	10 Y	400	R	373	211	162	212.00	132.75	132.80	-2.44	188.00	1.8
25	2022-03-14	DE0001030419	Bubill		2022-09-21	12 M	3,000	R	5,892	4,525	1,367	1,757.00	100.37	100.37203	-0.7060	1,243.00	3.4
26	2022-03-15	DE0001104875	Schatz	0.00%	2024-03-15	2 Y	5,500	R	4,769	2,220	2,549	4,403.00	100.71	100.717	-0.36	1,097.00	1.1
27	2022-03-16	DE0001102580	Bund	0.00%	2032-02-15	10 Y	4,000	R	4,322	1,095	3,227	3,427.00	96.28	96.28	0.38	573.00	1.3
28	2022-03-21	DE0001030823	Bubill		2023-03-22	12 M	3,000	N	3,570	2,215	1,355	1,630.00	100.5664	100.56673	-0.5573	1,370.00	2.2
29	2022-03-22	DE0001141851	Bobl	0.00%	2027-04-16	5 Y	4,000	R	4,252	1,030	3,222	3,324.80	98.92	98.93	0.21	675.20	1.3
30*	2022-03-28	DE0001030401	Bubill		2022-08-24	12 M	3,000	R	2,936	2,030	906	1,636.00	100.2583	100.26090	-0.6373	1,364.00	1.8
30*	2022-03-28	DE0001030815	Bubill		2023-02-22	12 M	3,000	R	1,487	1,140	347	547.00	100.48	100.49813	-0.5424	2,453.00	2.7
31*	2022-04-04	DE0001030393	Bubill		2022-07-20	12 M	3,000	R	6,315	4,820	1,495	2,770.00	100.1929	100.19356	-0.6624	230.00	2.3
31*	2022-04-04	DE0001030807	Bubill		2023-01-18	12 M	3,000	R	6,075	5,030	1,045	2,410.00	100.3921	100.39823	-0.4975	590.00	2.5
32*	2022-04-05	DE0001030559	ILB	0.50%	2030-04-15	10 Y	500	R	682	340	342	432.00	124.92	124.98	-2.30	68.00	1.6
32*	2022-04-05	DE0001030575	ILB	0.10%	2046-04-15	30 Y	100	R	134	132	2	47.00	160.46	160.57	-1.87	53.00	2.9

## Auction Results

No.	Date	ISIN	Bond <sup>1</sup>	Coupon	Maturity	Maturity-segment	Issuance volume (€ m)	Type <sup>2</sup>	Bids (€ m)	Competitive Bids (€ m)	Non-competitive Bids (€ m)	Allotted Volumes (€ m)	Lowest accepted Price	Weighted Average Price <sup>3</sup>	Average Yield (%) <sup>4</sup>	Retention Quote (€ m)	Bid-to-Cover-Ratio <sup>5</sup>
33*	2022-04-11	DE0001030427	Bubill		2022-10-19	12 M	3,000	R	5,444	3,525	1,919	2,719.00	100.2834	100.28363	-0.5387	281.00	2.0
33*	2022-04-11	DE0001030831	Bubill		2023-04-13	12 M	3,000	N	4,345	3,600	745	2,615.00	100.3432	100.34327	-0.3374	385.00	1.7
34	2022-04-12	DE0001104875	Schatz	0.00%	2024-03-15	2 Y	5,500	R	6,908	3,210	3,698	4,453.00	99.69	99.700	0.16	1,047.00	1.6
35	2022-04-13	DE0001102580	Bund	0.00%	2032-02-15	10 Y	4,000	R	4,121	783	3,338	3,274.20	92.2	92.21	0.83	725.80	1.3
36	2022-04-19	DE0001141851	Bobl	0.00%	2027-04-16	5 Y	4,000	R	4,908	990	3,918	3,283.50	96.87	96.87	0.64	716.50	1.5
37	2022-04-20	DE0001102341	Bund	2.50%	2046-08-15	30 Y	1,000	R	1,130	131	999	859.20	133.48	133.50	0.95	140.80	1.3
38*	2022-04-25	DE0001030419	Bubill		2022-09-21	12 M	3,500	R	3,695	2,735	960	3,210.00	100.2456	100.24793	-0.6057	290.00	1.2
38*	2022-04-25	DE0001030823	Bubill		2023-03-22	12 M	2,500	R	3,492	2,660	832	982.00	100.281	100.28417	-0.3101	1,518.00	3.6
39	2022-04-27	DE0001102598	Bund	1.00%	2038-05-15	15 Y	2,000	N	2,399	832	1,567	1,703.60	100.13	100.18	0.99	296.40	1.4
40*	2022-05-02	DE0001030401	Bubill		2022-08-24	12 M	3,000	R	2,830	1,700	1,130	2,330.00	100.1933	100.19637	-0.6300	670.00	1.2
40*	2022-05-02	DE0001030815	Bubill		2023-02-22	12 M	3,000	R	2,416	2,185	231	1,791.00	100.246	100.25535	-0.3119	1,209.00	1.3
41	2022-05-03	DE0001030583	ILB	0.10%	2033-04-15	10 Y	750	R	690	395	295	560.00	122.1	122.23	-1.73	190.00	1.2
42 (d)	2022-05-04	DE0001030732	Green	0.00%	2031-08-15	10 Y	1,500	R	2,365	1,053	1,312	1,464.00	91.73	91.73	0.93	36.00	1.6
d	2022-05-04	DE0001102564	Bund	0.00%	2031-08-15	10 Y	1,500	R								1,500.00	
43	2022-05-09	DE0001030435	Bubill		2022-11-23	12 M	3,000	R	4,224	3,474	750	1,445.00	100.207	100.21187	-0.3883	1,555.00	2.9
44	2022-05-10	DE0001141851	Bobl	0.00%	2027-04-16	5 Y	3,000	R	5,092	665	4,427	2,413.50	96.46	96.47	0.73	586.50	2.1
45	2022-05-11	DE0001102580	Bund	0.00%	2032-02-15	10 Y	4,000	R	4,405	1,035	3,370	3,229.50	91.06	91.06	0.96	770.50	1.4
46	2022-05-16	DE0001030849	Bubill		2023-05-17	12 M	3,000	N	2,639	1,955	684	1,914.00	100.1022	100.10799	-0.1067	1,086.00	1.4
47	2022-05-17	DE0001104883	Schatz	0.20%	2024-06-14	2 Y	6,000	N	4,230	1,060	3,170	4,115.00	99.81	99.822	0.29	1,885.00	1.0
48	2022-05-18	DE0001102572	Bund	0.00%	2052-08-15	30 Y	1,500	R	4,138	690	3,448	1,342.00	70.43	70.58	1.16	158.00	3.1
<b>Sum:</b>							<b>182,050</b>		<b>259,811</b>	<b>157,523</b>	<b>102,288</b>	<b>139,864.75</b>					<b>1.9</b>



## Auction Results

1 Bund = Federal bond Bobl = Five-year Federal note, Schatz = Federal Treasury note, Bubl = Federal discount paper, Green = Green Federal security, ILB = inflation linked Federal bond or note

2 N = new issue, R = reopening

3 calculated from volume weighted prices of allotted bids

4 yield of average price

5 relation between total bidding volume and total allotted volume

\* Multi-ISIN-auction

a Issuance of a (conventional) federal security by syndicate

b Issuance of an inflation-linked federal security by syndicate

c Issuance of a Green federal security by syndicate in combination with a tap of the conventional twin directly into the Federal government's own holdings (no auction)

d Issuance of a Green federal security by auction in combination with a tap of the conventional twin directly into the Federal government's own holdings (no auction)

e Tap into the Federal government's own holdings (no auction)

f Issuance of a foreign currency federal security by syndicate