

ZURICH, SWITZERLAND, SEPTEMBER 12, 2024

# ABB share buybacks

September 5, 2024 – September 11, 2024

During the period September 5, 2024, to September 11, 2024, ABB repurchased a total of 687,848 shares as part of its share buyback program announced on March 28, 2024.

The buyback program is being carried out in accordance with the Swiss Ordinance on Financial Market Infrastructures and Market Conduct in Securities and Derivatives Trading (FMIO), the Market Abuse Regulation (EU) No 596/2014 (“MAR”) and the Commission Delegated Regulation (EU) No 2016/1052 (the “Safe Harbour Regulation”).

Date	Aggregated daily volume (number of shares)	Daily weighted average share price (CHF)	Daily buyback amount (CHF)
Sep 5, 2024	127'000	46.7320	5'934'967.81
Sep 6, 2024	97'718	45.9493	4'490'076.73
Sep 9, 2024	106'308	46.0775	4'898'410.91
Sep 10, 2024	185'822	46.1939	8'583'842.33
Sep 11, 2024	171'000	46.2280	7'904'993.64

All share purchases above have been carried out on a separate trading line on the SIX Swiss Exchange by a bank, on behalf of ABB. A full breakdown of the transactions pursuant to article 5.3 of MAR and article 2.3 of the Safe Harbour Regulation is attached to this announcement. The bank makes its trading decisions concerning the timing of share repurchases independently of ABB, within some defined parameters.

The total number of ABB Ltd shares which have been bought back within the current share buyback program from April 2, 2024, to and including September 11, 2024, is 7,954,543 shares.

Additional information is available on ABB’s investor relations website site at <https://global.abb/group/en/investors/investor-and-shareholder-resources/share-buybacks/2024>

**ABB** is a technology leader in electrification and automation, enabling a more sustainable and resource-efficient future. The company’s solutions connect engineering know-how and software to optimize how things are manufactured, moved, powered and operated. Building on over 140 years of excellence, ABB’s more than 105,000 employees are committed to driving innovations that accelerate industrial transformation. [www.abb.com](http://www.abb.com)

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**ABB Ltd**

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# Appendix

Detailed individual transaction information:

All share purchases below were completed on a separate trading line on the SIX Swiss Exchange  
(Bloomberg ticker for SIX Exchange: SE)

Date	Time (CET)	Volume	Price	Exchange	2024-09-05	12:08:34	2'000	46.62	SE
2024-09-05	09:07:58	2'000	47.24	SE	2024-09-05	12:18:00	190	46.6	SE
2024-09-05	09:14:45	2'000	47.31	SE	2024-09-05	12:18:05	190	46.6	SE
2024-09-05	09:25:03	330	47.16	SE	2024-09-05	12:19:33	231	46.62	SE
2024-09-05	09:25:25	383	47.16	SE	2024-09-05	12:19:48	190	46.62	SE
2024-09-05	09:28:38	454	47.2	SE	2024-09-05	12:22:08	2'000	46.58	SE
2024-09-05	09:28:38	773	47.2	SE	2024-09-05	12:30:53	75	46.58	SE
2024-09-05	09:28:38	773	47.2	SE	2024-09-05	12:30:53	217	46.58	SE
2024-09-05	09:36:33	383	47.17	SE	2024-09-05	12:31:05	1'708	46.58	SE
2024-09-05	09:38:29	2'000	47.2	SE	2024-09-05	12:40:28	2'000	46.63	SE
2024-09-05	09:48:19	434	47.15	SE	2024-09-05	12:48:59	582	46.62	SE
2024-09-05	09:48:19	773	47.15	SE	2024-09-05	12:52:41	773	46.65	SE
2024-09-05	09:48:19	773	47.15	SE	2024-09-05	12:56:24	2'000	46.68	SE
2024-09-05	09:48:19	20	47.15	SE	2024-09-05	13:03:00	2'000	46.7	SE
2024-09-05	09:58:02	665	47.13	SE	2024-09-05	13:15:03	1'668	46.74	SE
2024-09-05	09:58:02	263	47.13	SE	2024-09-05	13:15:03	332	46.74	SE
2024-09-05	10:02:01	2'000	47.16	SE	2024-09-05	13:20:33	906	46.63	SE
2024-09-05	10:10:49	773	47.09	SE	2024-09-05	13:27:29	159	46.74	SE
2024-09-05	10:14:07	447	47.01	SE	2024-09-05	13:27:29	773	46.74	SE
2024-09-05	10:17:01	21	46.96	SE	2024-09-05	13:27:29	16	46.74	SE
2024-09-05	10:17:01	292	46.96	SE	2024-09-05	13:27:29	16	46.74	SE
2024-09-05	10:17:18	480	46.96	SE	2024-09-05	13:27:29	16	46.74	SE
2024-09-05	10:19:30	773	46.93	SE	2024-09-05	13:27:29	16	46.74	SE
2024-09-05	10:22:08	281	46.86	SE	2024-09-05	13:27:29	16	46.74	SE
2024-09-05	10:23:59	2'000	46.82	SE	2024-09-05	13:27:29	16	46.74	SE
2024-09-05	10:32:41	716	46.86	SE	2024-09-05	13:27:29	16	46.74	SE
2024-09-05	10:32:41	190	46.86	SE	2024-09-05	13:27:29	16	46.74	SE
2024-09-05	10:38:20	264	46.81	SE	2024-09-05	13:32:33	773	46.86	SE
2024-09-05	10:38:20	773	46.81	SE	2024-09-05	13:32:33	190	46.86	SE
2024-09-05	10:38:20	773	46.81	SE	2024-09-05	13:35:31	2'000	46.86	SE
2024-09-05	10:38:20	190	46.81	SE	2024-09-05	13:45:24	582	46.89	SE
2024-09-05	10:47:25	190	46.81	SE	2024-09-05	13:49:11	2'000	46.89	SE
2024-09-05	10:47:25	190	46.81	SE	2024-09-05	13:58:01	2'000	46.76	SE
2024-09-05	10:48:15	190	46.81	SE	2024-09-05	14:06:14	2'000	46.7	SE
2024-09-05	10:48:17	190	46.81	SE	2024-09-05	14:15:00	522	46.76	SE
2024-09-05	10:48:17	190	46.81	SE	2024-09-05	14:18:38	2'000	46.63	SE
2024-09-05	10:52:38	2'000	46.81	SE	2024-09-05	14:27:39	773	46.57	SE
2024-09-05	11:00:28	407	46.77	SE	2024-09-05	14:27:39	773	46.57	SE
2024-09-05	11:01:33	2'000	46.77	SE	2024-09-05	14:27:40	454	46.57	SE
2024-09-05	11:12:11	2'000	46.79	SE	2024-09-05	14:36:25	716	46.57	SE
2024-09-05	11:21:51	466	46.79	SE	2024-09-05	14:40:10	191	46.44	SE
2024-09-05	11:22:16	1'534	46.79	SE	2024-09-05	14:40:10	350	46.44	SE
2024-09-05	11:29:17	2'000	46.53	SE	2024-09-05	14:40:10	453	46.44	SE
2024-09-05	11:39:40	303	46.59	SE	2024-09-05	14:40:10	190	46.44	SE
2024-09-05	11:39:42	1'697	46.59	SE	2024-09-05	14:45:30	773	46.54	SE
2024-09-05	11:47:42	2'000	46.61	SE	2024-09-05	14:47:51	2'000	46.56	SE
2024-09-05	11:57:19	307	46.59	SE	2024-09-05	14:53:07	2'000	46.58	SE
2024-09-05	11:57:19	216	46.59	SE	2024-09-05	14:57:34	1'000	46.62	SE
2024-09-05	11:59:02	2'000	46.59	SE	2024-09-05	15:02:11	259	46.62	SE

2024-09-05	15:02:11	380	46.62	SE	2024-09-05	16:20:58	2'000	46.6	SE
2024-09-05	15:02:28	259	46.62	SE	2024-09-05	16:29:04	773	46.72	SE
2024-09-05	15:04:09	2'000	46.64	SE	2024-09-05	16:29:04	702	46.72	SE
2024-09-05	15:08:29	773	46.59	SE	2024-09-05	16:29:09	315	46.7	SE
2024-09-05	15:10:57	1'000	46.6	SE	2024-09-05	16:30:39	16	46.72	SE
2024-09-05	15:13:48	2'000	46.6	SE	2024-09-05	16:30:39	16	46.72	SE
2024-09-05	15:18:54	2'000	46.67	SE	2024-09-05	16:30:39	16	46.72	SE
2024-09-05	15:24:13	2'000	46.69	SE	2024-09-05	16:30:39	16	46.72	SE
2024-09-05	15:28:20	454	46.6	SE	2024-09-05	16:30:39	16	46.72	SE
2024-09-05	15:28:20	773	46.6	SE	2024-09-05	16:30:39	16	46.72	SE
2024-09-05	15:28:20	773	46.6	SE	2024-09-05	16:30:39	16	46.72	SE
2024-09-05	15:34:01	262	46.52	SE	2024-09-05	16:30:39	16	46.72	SE
2024-09-05	15:34:01	190	46.52	SE	2024-09-05	16:30:40	16	46.72	SE
2024-09-05	15:34:01	773	46.52	SE	2024-09-05	16:30:40	16	46.72	SE
2024-09-05	15:34:01	228	46.52	SE	2024-09-05	16:30:40	16	46.72	SE
2024-09-05	15:37:34	379	46.53	SE	2024-09-05	16:30:40	16	46.72	SE
2024-09-05	15:38:22	773	46.55	SE	2024-09-05	16:30:40	16	46.72	SE
2024-09-05	15:38:22	190	46.55	SE	2024-09-05	16:30:54	1'792	46.72	SE
2024-09-05	15:40:30	1'000	46.59	SE	2024-09-05	16:35:47	213	46.66	SE
2024-09-05	15:43:20	190	46.66	SE	2024-09-05	16:35:49	773	46.66	SE
2024-09-05	15:44:40	411	46.66	SE	2024-09-05	16:35:49	196	46.66	SE
2024-09-05	15:44:40	773	46.66	SE	2024-09-05	16:35:50	773	46.66	SE
2024-09-05	15:44:40	401	46.66	SE	2024-09-05	16:40:07	425	46.66	SE
2024-09-05	15:47:26	2'000	46.66	SE	2024-09-05	16:41:01	773	46.64	SE
2024-09-05	15:52:38	292	46.59	SE	2024-09-05	16:43:42	773	46.68	SE
2024-09-05	15:53:35	330	46.61	SE	2024-09-05	16:45:39	739	46.67	SE
2024-09-05	15:53:36	269	46.61	SE	2024-09-05	16:45:39	190	46.67	SE
2024-09-05	15:55:18	606	46.65	SE	2024-09-05	16:48:36	2'000	46.64	SE
2024-09-05	15:57:07	16	46.64	SE	2024-09-05	16:53:39	773	46.6	SE
2024-09-05	15:57:07	16	46.64	SE	2024-09-05	16:55:17	773	46.58	SE
2024-09-05	15:57:07	16	46.64	SE	2024-09-05	16:57:17	307	46.59	SE
2024-09-05	15:57:07	16	46.64	SE	2024-09-05	16:57:17	773	46.59	SE
2024-09-05	15:57:07	16	46.64	SE	2024-09-05	16:57:17	773	46.59	SE
2024-09-05	15:57:08	16	46.64	SE	2024-09-06	09:09:06	317	46.02	SE
2024-09-05	15:57:08	16	46.64	SE	2024-09-06	09:09:25	306	46.02	SE
2024-09-05	15:57:08	16	46.64	SE	2024-09-06	09:12:04	2'000	46	SE
2024-09-05	15:57:08	16	46.64	SE	2024-09-06	09:24:31	792	45.76	SE
2024-09-05	15:57:09	16	46.64	SE	2024-09-06	09:24:31	300	45.76	SE
2024-09-05	15:57:09	16	46.64	SE	2024-09-06	09:29:20	310	45.82	SE
2024-09-05	15:57:09	16	46.64	SE	2024-09-06	09:31:00	304	45.8	SE
2024-09-05	15:57:09	16	46.64	SE	2024-09-06	09:33:33	2'000	45.72	SE
2024-09-05	15:57:09	16	46.64	SE	2024-09-06	09:45:03	196	45.74	SE
2024-09-05	15:57:09	16	46.64	SE	2024-09-06	09:45:03	792	45.74	SE
2024-09-05	15:57:09	16	46.64	SE	2024-09-06	09:45:03	792	45.74	SE
2024-09-05	15:57:10	773	46.64	SE	2024-09-06	09:45:03	220	45.74	SE
2024-09-05	15:57:10	13	46.64	SE	2024-09-06	09:56:24	792	45.82	SE
2024-09-05	15:57:10	16	46.64	SE	2024-09-06	10:01:33	190	45.97	SE
2024-09-05	15:57:10	16	46.64	SE	2024-09-06	10:01:40	2'000	45.94	SE
2024-09-05	15:57:10	16	46.64	SE	2024-09-06	10:08:18	792	45.97	SE
2024-09-05	15:59:28	190	46.66	SE	2024-09-06	10:19:56	306	46.06	SE
2024-09-05	15:59:29	622	46.66	SE	2024-09-06	10:21:04	21	46.03	SE
2024-09-05	15:59:29	773	46.66	SE	2024-09-06	10:21:04	270	46.03	SE
2024-09-05	15:59:29	225	46.66	SE	2024-09-06	10:22:23	792	46.04	SE
2024-09-05	15:59:29	190	46.66	SE	2024-09-06	10:22:23	70	46.04	SE
2024-09-05	16:09:51	2'000	46.71	SE	2024-09-06	10:27:38	2	45.99	SE
2024-09-05	16:09:53	357	46.72	SE	2024-09-06	10:27:38	3	45.99	SE
2024-09-05	16:09:54	1'643	46.72	SE	2024-09-06	10:27:45	85	45.99	SE
2024-09-05	16:14:34	389	46.59	SE	2024-09-06	10:27:53	316	45.99	SE
2024-09-05	16:15:48	2'000	46.55	SE	2024-09-06	10:31:50	1'000	46.03	SE

2024-09-06	10:35:41	240	45.94	SE	2024-09-06	14:30:41	238	46.42	SE
2024-09-06	10:37:05	2'000	45.91	SE	2024-09-06	14:31:09	600	46.35	SE
2024-09-06	10:49:34	205	45.81	SE	2024-09-06	14:35:03	238	46.15	SE
2024-09-06	10:50:11	332	45.81	SE	2024-09-06	14:37:15	360	46.23	SE
2024-09-06	10:52:29	515	45.81	SE	2024-09-06	14:39:23	250	46.21	SE
2024-09-06	10:56:24	792	45.84	SE	2024-09-06	14:42:07	333	46.16	SE
2024-09-06	10:56:24	345	45.84	SE	2024-09-06	14:42:48	222	46.12	SE
2024-09-06	11:02:48	237	45.88	SE	2024-09-06	14:44:32	2'000	46.15	SE
2024-09-06	11:04:04	792	45.93	SE	2024-09-06	16:01:24	459	46.03	SE
2024-09-06	11:09:31	296	45.9	SE	2024-09-06	16:01:26	90	46.03	SE
2024-09-06	11:09:31	206	45.9	SE	2024-09-06	16:01:27	90	46.03	SE
2024-09-06	11:12:24	391	45.84	SE	2024-09-06	16:01:27	93	46.03	SE
2024-09-06	11:12:25	304	45.84	SE	2024-09-06	16:01:27	165	46.03	SE
2024-09-06	11:15:46	792	45.84	SE	2024-09-06	16:01:28	90	46.03	SE
2024-09-06	11:20:53	782	45.86	SE	2024-09-06	16:01:30	90	46.03	SE
2024-09-06	11:25:30	490	45.99	SE	2024-09-06	16:01:35	12	46.03	SE
2024-09-06	11:29:04	1'000	46.01	SE	2024-09-06	16:01:37	90	46.03	SE
2024-09-06	11:34:10	248	46.05	SE	2024-09-06	16:03:20	753	46.03	SE
2024-09-06	11:34:17	1'718	46.05	SE	2024-09-06	16:03:20	570	46.03	SE
2024-09-06	11:34:17	34	46.05	SE	2024-09-06	16:03:21	190	46.03	SE
2024-09-06	11:46:02	792	46.04	SE	2024-09-06	16:03:31	163	46.03	SE
2024-09-06	11:50:15	748	46.05	SE	2024-09-06	16:03:31	317	46.03	SE
2024-09-06	11:50:15	792	46.05	SE	2024-09-06	16:03:32	10	46.03	SE
2024-09-06	11:50:15	460	46.05	SE	2024-09-06	16:03:32	21	46.03	SE
2024-09-06	12:04:05	2'000	46.18	SE	2024-09-06	16:03:32	319	46.03	SE
2024-09-06	12:14:17	716	46.03	SE	2024-09-06	16:04:00	792	46.03	SE
2024-09-06	12:14:17	311	46.03	SE	2024-09-06	16:04:00	155	46.03	SE
2024-09-06	12:21:57	792	46.02	SE	2024-09-06	16:04:00	792	46.03	SE
2024-09-06	12:21:57	295	46.02	SE	2024-09-06	16:04:00	338	46.03	SE
2024-09-06	12:28:23	749	46	SE	2024-09-06	16:04:01	337	46.03	SE
2024-09-06	12:32:09	2'000	46.01	SE	2024-09-06	16:04:02	792	46.03	SE
2024-09-06	12:42:22	300	45.98	SE	2024-09-06	16:04:02	792	46.03	SE
2024-09-06	12:45:07	792	45.98	SE	2024-09-06	16:04:03	190	46.03	SE
2024-09-06	12:51:07	2'000	46	SE	2024-09-06	16:04:04	792	46.03	SE
2024-09-06	13:01:35	143	46	SE	2024-09-06	16:04:04	190	46.03	SE
2024-09-06	13:01:35	162	46	SE	2024-09-06	16:04:05	459	46.03	SE
2024-09-06	13:01:36	156	46	SE	2024-09-06	16:04:19	703	46.03	SE
2024-09-06	13:05:00	2'000	46.04	SE	2024-09-06	16:04:19	149	46.03	SE
2024-09-06	13:16:11	792	46.09	SE	2024-09-06	16:04:42	369	46.03	SE
2024-09-06	13:20:52	31	46.07	SE	2024-09-06	16:04:42	459	46.03	SE
2024-09-06	13:23:00	792	46.07	SE	2024-09-06	16:04:42	792	46.03	SE
2024-09-06	13:25:03	234	46.07	SE	2024-09-06	16:04:42	380	46.03	SE
2024-09-06	13:25:27	149	46.07	SE	2024-09-06	16:04:43	51	46.03	SE
2024-09-06	13:28:40	792	46.07	SE	2024-09-06	16:05:34	292	46.03	SE
2024-09-06	13:33:23	336	46.01	SE	2024-09-06	16:05:34	424	46.03	SE
2024-09-06	13:33:29	559	46.01	SE	2024-09-06	16:05:56	141	46.03	SE
2024-09-06	13:33:29	792	46.01	SE	2024-09-06	16:05:56	166	46.03	SE
2024-09-06	13:33:29	313	46.01	SE	2024-09-06	16:05:57	410	46.03	SE
2024-09-06	13:45:29	575	46	SE	2024-09-06	16:05:58	190	46.03	SE
2024-09-06	13:45:29	97	46	SE	2024-09-06	16:05:59	608	46.03	SE
2024-09-06	13:48:44	2'000	46.02	SE	2024-09-06	16:05:59	792	46.03	SE
2024-09-06	14:00:05	2'000	46.14	SE	2024-09-06	16:06:00	93	46.03	SE
2024-09-06	14:10:54	381	46.03	SE	2024-09-06	16:06:00	167	46.03	SE
2024-09-06	14:14:52	597	46.03	SE	2024-09-06	16:06:00	459	46.03	SE
2024-09-06	14:17:17	792	46.04	SE	2024-09-06	16:06:07	155	46.03	SE
2024-09-06	14:17:17	195	46.04	SE	2024-09-06	16:06:07	208	46.03	SE
2024-09-06	14:22:45	265	46.08	SE	2024-09-06	16:06:10	150	46.03	SE
2024-09-06	14:25:36	378	46.1	SE	2024-09-06	16:06:11	657	46.03	SE
2024-09-06	14:26:22	792	46.1	SE	2024-09-06	16:06:11	792	46.03	SE

2024-09-06	16:06:11	211	46.03	SE	2024-09-09	10:13:29	184	46.06	SE
2024-09-06	16:06:11	190	46.03	SE	2024-09-09	10:19:11	489	46.01	SE
2024-09-06	16:06:15	459	46.03	SE	2024-09-09	10:20:55	207	45.97	SE
2024-09-06	16:06:16	459	46.03	SE	2024-09-09	10:20:55	291	45.97	SE
2024-09-06	16:06:16	59	46.03	SE	2024-09-09	10:21:35	792	45.93	SE
2024-09-06	16:06:17	459	46.03	SE	2024-09-09	10:24:59	489	45.93	SE
2024-09-06	16:06:18	416	46.03	SE	2024-09-09	10:26:29	313	45.93	SE
2024-09-06	16:06:18	792	46.03	SE	2024-09-09	10:28:05	1'000	45.95	SE
2024-09-06	16:06:18	792	46.03	SE	2024-09-09	10:30:42	792	45.97	SE
2024-09-06	16:06:18	2'000	46.03	SE	2024-09-09	10:30:42	308	45.97	SE
2024-09-06	16:10:01	312	45.94	SE	2024-09-09	10:34:55	2'000	45.96	SE
2024-09-06	16:11:06	600	45.96	SE	2024-09-09	10:40:54	2'000	45.98	SE
2024-09-06	16:11:06	149	45.96	SE	2024-09-09	10:47:34	2'000	45.98	SE
2024-09-06	16:13:34	228	45.89	SE	2024-09-09	10:53:43	2'000	46.05	SE
2024-09-06	16:13:34	792	45.89	SE	2024-09-09	11:00:33	2'000	46.05	SE
2024-09-06	16:13:34	441	45.89	SE	2024-09-09	11:07:09	2'000	46.04	SE
2024-09-06	16:18:03	224	45.84	SE	2024-09-09	11:12:59	406	46.1	SE
2024-09-06	16:19:21	379	45.81	SE	2024-09-09	11:12:59	792	46.1	SE
2024-09-06	16:21:02	2'000	45.85	SE	2024-09-09	11:12:59	792	46.1	SE
2024-09-06	16:27:08	2'000	45.68	SE	2024-09-09	11:12:59	10	46.1	SE
2024-09-06	16:34:10	2'000	45.62	SE	2024-09-09	11:18:15	489	46.11	SE
2024-09-06	16:41:28	2'000	45.55	SE	2024-09-09	11:20:52	2'000	46.14	SE
2024-09-06	16:48:30	2'000	45.5	SE	2024-09-09	11:26:58	2'000	46.18	SE
2024-09-06	16:54:26	2'000	45.31	SE	2024-09-09	11:33:09	792	46.19	SE
2024-09-09	09:07:28	299	45.66	SE	2024-09-09	11:35:10	177	46.17	SE
2024-09-09	09:07:30	296	45.66	SE	2024-09-09	11:35:11	294	46.17	SE
2024-09-09	09:08:57	317	45.79	SE	2024-09-09	11:35:11	183	46.17	SE
2024-09-09	09:09:29	240	45.81	SE	2024-09-09	11:39:00	2'000	46.24	SE
2024-09-09	09:10:20	488	45.81	SE	2024-09-09	11:44:27	175	46.17	SE
2024-09-09	09:12:20	2'000	45.91	SE	2024-09-09	11:44:27	312	46.17	SE
2024-09-09	09:18:26	291	45.99	SE	2024-09-09	11:46:25	2'000	46.22	SE
2024-09-09	09:19:21	309	45.95	SE	2024-09-09	11:52:26	289	46.17	SE
2024-09-09	09:20:01	300	45.91	SE	2024-09-09	11:52:27	793	46.17	SE
2024-09-09	09:20:44	168	45.87	SE	2024-09-09	11:56:09	792	46.14	SE
2024-09-09	09:21:24	2'000	45.91	SE	2024-09-09	11:56:09	792	46.2	SE
2024-09-09	09:28:29	610	45.97	SE	2024-09-09	12:00:27	190	46.18	SE
2024-09-09	09:30:04	270	45.97	SE	2024-09-09	12:00:30	296	46.18	SE
2024-09-09	09:30:23	313	45.97	SE	2024-09-09	12:02:25	743	46.17	SE
2024-09-09	09:31:25	246	45.96	SE	2024-09-09	12:04:32	766	46.16	SE
2024-09-09	09:32:48	792	45.96	SE	2024-09-09	12:09:10	2'000	46.19	SE
2024-09-09	09:35:17	772	45.98	SE	2024-09-09	12:15:00	2'000	46.22	SE
2024-09-09	09:37:41	2'000	46	SE	2024-09-09	12:19:51	792	46.09	SE
2024-09-09	09:43:13	267	46	SE	2024-09-09	12:19:51	299	46.13	SE
2024-09-09	09:45:08	792	46.02	SE	2024-09-09	12:23:07	766	46.11	SE
2024-09-09	09:45:08	270	46.02	SE	2024-09-09	12:26:00	293	46.04	SE
2024-09-09	09:47:49	606	46.02	SE	2024-09-09	12:26:51	5	46.04	SE
2024-09-09	09:50:01	2'000	46.12	SE	2024-09-09	12:26:54	192	46.04	SE
2024-09-09	09:56:19	391	46.1	SE	2024-09-09	12:26:57	169	46.04	SE
2024-09-09	09:57:04	792	46.1	SE	2024-09-09	12:26:58	168	46.04	SE
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2024-09-09	10:02:33	412	46.11	SE	2024-09-09	12:31:02	182	46.03	SE
2024-09-09	10:04:22	190	46.11	SE	2024-09-09	12:31:38	294	46.03	SE
2024-09-09	10:05:08	253	46.11	SE	2024-09-09	12:31:47	792	45.99	SE
2024-09-09	10:05:08	792	46.11	SE	2024-09-09	12:31:47	234	46.03	SE
2024-09-09	10:05:08	252	46.11	SE	2024-09-09	12:36:20	318	45.98	SE
2024-09-09	10:09:23	684	46.03	SE	2024-09-09	12:38:07	268	45.95	SE
2024-09-09	10:09:23	190	46.03	SE	2024-09-09	12:38:07	766	45.98	SE
2024-09-09	10:11:45	258	46.06	SE	2024-09-09	12:41:07	2'000	46.01	SE
2024-09-09	10:13:29	1'816	46.07	SE	2024-09-09	12:46:21	21	46.02	SE

2024-09-09	12:46:21	250	46.02	SE	2024-09-10	10:14:52	163	46.43	SE
2024-09-09	12:47:22	792	46.07	SE	2024-09-10	10:16:06	2'000	46.45	SE
2024-09-09	12:50:20	21	46.05	SE	2024-09-10	10:21:57	505	46.44	SE
2024-09-09	12:50:20	304	46.05	SE	2024-09-10	10:21:57	190	46.44	SE
2024-09-09	12:50:22	190	46.05	SE	2024-09-10	10:24:39	2'000	46.42	SE
2024-09-09	12:52:09	2'000	46.07	SE	2024-09-10	10:30:22	2'000	46.44	SE
2024-09-09	12:58:23	2'000	46.07	SE	2024-09-10	10:36:54	2'000	46.35	SE
2024-09-09	13:04:55	397	46.12	SE	2024-09-10	10:42:04	2'000	46.27	SE
2024-09-09	13:04:55	95	46.12	SE	2024-09-10	10:49:28	385	46.17	SE
2024-09-09	13:07:01	2'000	46.18	SE	2024-09-10	10:49:30	60	46.17	SE
2024-09-09	13:13:01	2'000	46.19	SE	2024-09-10	10:49:31	7	46.17	SE
2024-09-09	13:19:38	2'000	46.22	SE	2024-09-10	10:49:47	190	46.17	SE
2024-09-09	13:27:09	1'965	46.26	SE	2024-09-10	10:49:48	594	46.17	SE
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2024-09-09	13:32:36	169	46.22	SE	2024-09-10	10:54:59	243	46.14	SE
2024-09-09	13:32:36	792	46.22	SE	2024-09-10	10:55:00	764	46.14	SE
2024-09-09	13:32:36	574	46.22	SE	2024-09-10	10:57:47	764	46.16	SE
2024-09-09	13:38:41	325	46.14	SE	2024-09-10	11:00:37	764	46.13	SE
2024-09-09	13:38:41	306	46.14	SE	2024-09-10	11:00:37	244	46.13	SE
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2024-09-09	13:39:25	574	46.14	SE	2024-09-10	11:04:33	764	46.11	SE
2024-09-09	13:41:12	124	46.14	SE	2024-09-10	11:04:33	263	46.11	SE
2024-09-09	13:41:14	792	46.14	SE	2024-09-10	11:07:04	2'000	46.08	SE
2024-09-09	13:44:08	792	46.12	SE	2024-09-10	11:13:54	2'000	46.03	SE
2024-09-09	13:46:18	2'000	46.15	SE	2024-09-10	11:19:59	2'000	46.07	SE
2024-09-09	13:53:52	2'000	46.13	SE	2024-09-10	11:26:11	2'000	46.08	SE
2024-09-09	13:59:30	792	46.14	SE	2024-09-10	11:31:55	2'000	46.14	SE
2024-09-09	14:03:56	2'000	46.13	SE	2024-09-10	11:38:07	1'000	46.22	SE
2024-09-09	14:09:02	2'000	46.12	SE	2024-09-10	11:42:03	2'000	46.29	SE
2024-09-09	14:13:24	250	46.03	SE	2024-09-10	11:47:28	2'000	46.29	SE
2024-09-09	14:15:16	2'000	46.06	SE	2024-09-10	11:53:03	764	46.31	SE
2024-09-09	14:22:01	2'000	46.02	SE	2024-09-10	11:55:52	21	46.25	SE
2024-09-09	14:29:33	2'000	45.96	SE	2024-09-10	11:55:52	240	46.25	SE
2024-09-09	14:34:18	2'000	46.02	SE	2024-09-10	11:55:53	23	46.25	SE
2024-09-09	14:41:49	2'000	46.1	SE	2024-09-10	11:56:00	190	46.25	SE
2024-09-10	09:07:47	198	46.15	SE	2024-09-10	11:57:30	2'000	46.21	SE
2024-09-10	09:07:47	1	46.15	SE	2024-09-10	12:03:25	2'000	46.19	SE
2024-09-10	09:09:34	2'000	46.22	SE	2024-09-10	12:09:45	2'000	46.21	SE
2024-09-10	09:14:25	262	46.19	SE	2024-09-10	12:15:01	332	46.1	SE
2024-09-10	09:15:13	2'000	46.15	SE	2024-09-10	12:15:01	190	46.1	SE
2024-09-10	09:19:06	262	46.15	SE	2024-09-10	12:16:59	504	46.05	SE
2024-09-10	09:23:06	2'000	46.3	SE	2024-09-10	12:16:59	764	46.05	SE
2024-09-10	09:28:47	190	46.28	SE	2024-09-10	12:16:59	298	46.05	SE
2024-09-10	09:28:49	190	46.28	SE	2024-09-10	12:21:53	2'000	46.13	SE
2024-09-10	09:29:18	2'000	46.25	SE	2024-09-10	12:28:03	2'000	46.17	SE
2024-09-10	09:33:12	1'559	46.3	SE	2024-09-10	12:34:46	764	46.22	SE
2024-09-10	09:33:12	441	46.28	SE	2024-09-10	12:35:36	482	46.19	SE
2024-09-10	09:42:40	2'000	46.48	SE	2024-09-10	12:37:41	727	46.18	SE
2024-09-10	09:47:54	2'000	46.55	SE	2024-09-10	12:37:41	764	46.18	SE
2024-09-10	09:54:23	764	46.44	SE	2024-09-10	12:37:41	245	46.18	SE
2024-09-10	09:57:17	2'000	46.47	SE	2024-09-10	12:37:41	264	46.18	SE
2024-09-10	10:02:49	308	46.45	SE	2024-09-10	12:43:31	190	46.15	SE
2024-09-10	10:03:06	764	46.45	SE	2024-09-10	12:44:59	2'000	46.2	SE
2024-09-10	10:06:43	764	46.44	SE	2024-09-10	12:50:37	315	46.18	SE
2024-09-10	10:06:43	223	46.44	SE	2024-09-10	12:50:40	320	46.18	SE
2024-09-10	10:09:09	764	46.41	SE	2024-09-10	12:52:05	190	46.12	SE
2024-09-10	10:09:09	190	46.41	SE	2024-09-10	12:52:27	288	46.09	SE
2024-09-10	10:12:00	757	46.43	SE	2024-09-10	12:53:35	314	46.09	SE
2024-09-10	10:14:12	308	46.43	SE	2024-09-10	12:53:36	314	46.09	SE

2024-09-10	12:55:12	190	46.07	SE	2024-09-10	15:34:42	561	46.11	SE
2024-09-10	12:56:23	198	46.09	SE	2024-09-10	15:34:42	602	46.11	SE
2024-09-10	12:56:23	190	46.09	SE	2024-09-10	15:37:41	764	46.09	SE
2024-09-10	12:57:07	2'000	46.06	SE	2024-09-10	15:37:41	342	46.09	SE
2024-09-10	13:03:59	293	46.16	SE	2024-09-10	15:39:30	409	46.09	SE
2024-09-10	13:05:26	287	46.16	SE	2024-09-10	15:39:31	764	46.09	SE
2024-09-10	13:05:26	482	46.16	SE	2024-09-10	15:39:31	383	46.09	SE
2024-09-10	13:07:39	2'000	46.21	SE	2024-09-10	15:44:47	2'000	46.15	SE
2024-09-10	13:12:31	390	46.12	SE	2024-09-10	15:46:20	1'583	46.17	SE
2024-09-10	13:14:03	764	46.11	SE	2024-09-10	15:46:20	417	46.17	SE
2024-09-10	13:20:28	2'000	46.07	SE	2024-09-10	15:47:07	589	46.17	SE
2024-09-10	13:23:07	2'000	46.07	SE	2024-09-10	15:49:49	2'000	46.19	SE
2024-09-10	13:29:04	2'000	46.17	SE	2024-09-10	15:52:48	2'000	46.15	SE
2024-09-10	13:36:21	2'000	46.16	SE	2024-09-10	15:57:10	2'000	46.15	SE
2024-09-10	13:42:16	2'000	46.17	SE	2024-09-10	15:59:59	2'000	46.18	SE
2024-09-10	13:49:34	1'000	46.18	SE	2024-09-10	16:03:02	2'000	46.14	SE
2024-09-10	13:51:01	2'000	46.19	SE	2024-09-10	16:06:02	2'000	46.05	SE
2024-09-10	13:57:09	2'000	46.22	SE	2024-09-10	16:09:22	2'000	46.1	SE
2024-09-10	14:02:55	2'000	46.2	SE	2024-09-10	16:12:19	602	45.95	SE
2024-09-10	14:08:50	2'000	46.21	SE	2024-09-10	16:13:32	2'000	45.95	SE
2024-09-10	14:15:30	2'000	46.29	SE	2024-09-10	16:17:03	2'000	45.94	SE
2024-09-10	14:21:35	1'398	46.33	SE	2024-09-10	16:20:12	2'000	45.98	SE
2024-09-10	14:21:35	602	46.33	SE	2024-09-10	16:23:41	2'000	46.02	SE
2024-09-10	14:27:20	214	46.32	SE	2024-09-10	16:28:20	2'000	46.08	SE
2024-09-10	14:28:12	602	46.33	SE	2024-09-10	16:30:31	1'599	46.14	SE
2024-09-10	14:29:14	602	46.32	SE	2024-09-10	16:30:31	401	46.12	SE
2024-09-10	14:31:20	2'000	46.3	SE	2024-09-10	16:33:29	2'000	46.14	SE
2024-09-10	14:37:26	602	46.24	SE	2024-09-10	16:37:32	2'000	46.18	SE
2024-09-10	14:37:27	2'000	46.19	SE	2024-09-10	16:41:53	2'000	46.19	SE
2024-09-10	14:45:28	21	46.28	SE	2024-09-10	16:44:07	2'000	46.16	SE
2024-09-10	14:45:28	764	46.28	SE	2024-09-10	16:47:00	602	46.17	SE
2024-09-10	14:45:28	315	46.28	SE	2024-09-10	16:47:44	2'000	46.17	SE
2024-09-10	14:48:47	570	46.28	SE	2024-09-10	16:50:58	2'000	46.12	SE
2024-09-10	14:50:00	350	46.23	SE	2024-09-10	16:54:11	2'000	46.08	SE
2024-09-10	14:52:05	855	46.17	SE	2024-09-10	16:57:54	2'000	46.06	SE
2024-09-10	14:52:05	764	46.23	SE	2024-09-11	09:08:27	2'000	46.33	SE
2024-09-10	14:57:27	2'000	46.23	SE	2024-09-11	09:14:55	305	46.32	SE
2024-09-10	15:12:18	296	46.2	SE	2024-09-11	09:16:13	304	46.33	SE
2024-09-10	15:12:28	48	46.2	SE	2024-09-11	09:17:09	306	46.45	SE
2024-09-10	15:12:28	380	46.2	SE	2024-09-11	09:17:53	124	46.47	SE
2024-09-10	15:13:21	724	46.2	SE	2024-09-11	09:19:11	271	46.45	SE
2024-09-10	15:13:21	1'276	46.2	SE	2024-09-11	09:19:46	309	46.45	SE
2024-09-10	15:13:22	1'276	46.22	SE	2024-09-11	09:19:49	764	46.45	SE
2024-09-10	15:13:22	724	46.22	SE	2024-09-11	09:23:31	764	46.48	SE
2024-09-10	15:13:22	1'276	46.22	SE	2024-09-11	09:26:03	350	46.38	SE
2024-09-10	15:16:00	2'000	46.16	SE	2024-09-11	09:26:04	9	46.38	SE
2024-09-10	15:23:31	457	46.21	SE	2024-09-11	09:26:04	304	46.38	SE
2024-09-10	15:23:36	724	46.22	SE	2024-09-11	09:28:06	693	46.39	SE
2024-09-10	15:23:36	1'276	46.22	SE	2024-09-11	09:30:10	298	46.44	SE
2024-09-10	15:23:36	724	46.22	SE	2024-09-11	09:31:26	186	46.45	SE
2024-09-10	15:23:36	602	46.21	SE	2024-09-11	09:32:04	287	46.45	SE
2024-09-10	15:30:10	1'398	46.22	SE	2024-09-11	09:33:07	2'000	46.49	SE
2024-09-10	15:30:10	602	46.22	SE	2024-09-11	09:38:49	424	46.29	SE
2024-09-10	15:30:10	2'000	46.22	SE	2024-09-11	09:38:49	23	46.29	SE
2024-09-10	15:31:30	442	46.18	SE	2024-09-11	09:38:49	4	46.29	SE
2024-09-10	15:32:26	764	46.2	SE	2024-09-11	09:41:09	36	46.28	SE
2024-09-10	15:33:16	1'000	46.19	SE	2024-09-11	09:41:14	57	46.28	SE
2024-09-10	15:34:42	190	46.11	SE	2024-09-11	09:41:18	286	46.28	SE
2024-09-10	15:34:42	190	46.11	SE	2024-09-11	09:42:15	586	46.3	SE

2024-09-11	09:44:45	764	46.26	SE	2024-09-11	11:50:13	2'000	46.15	SE
2024-09-11	09:44:45	298	46.26	SE	2024-09-11	11:55:06	2'000	46.18	SE
2024-09-11	09:48:02	764	46.23	SE	2024-09-11	12:03:36	2'000	46.2	SE
2024-09-11	09:48:02	303	46.23	SE	2024-09-11	12:10:23	2'000	46.23	SE
2024-09-11	09:51:53	764	46.33	SE	2024-09-11	12:16:41	299	46.17	SE
2024-09-11	09:51:53	424	46.33	SE	2024-09-11	12:17:45	2'000	46.19	SE
2024-09-11	09:55:24	301	46.33	SE	2024-09-11	12:24:00	1'000	46.2	SE
2024-09-11	09:56:08	2'000	46.38	SE	2024-09-11	12:28:27	2'000	46.19	SE
2024-09-11	10:03:09	424	46.36	SE	2024-09-11	12:35:13	2'000	46.22	SE
2024-09-11	10:05:01	2'000	46.38	SE	2024-09-11	12:42:19	2'000	46.25	SE
2024-09-11	10:11:46	300	46.39	SE	2024-09-11	12:48:33	2'000	46.27	SE
2024-09-11	10:11:55	1'350	46.39	SE	2024-09-11	12:55:29	764	46.29	SE
2024-09-11	10:11:55	350	46.39	SE	2024-09-11	12:57:03	764	46.3	SE
2024-09-11	10:18:06	426	46.26	SE	2024-09-11	12:59:39	229	46.22	SE
2024-09-11	10:18:55	190	46.28	SE	2024-09-11	12:59:39	764	46.28	SE
2024-09-11	10:19:24	432	46.29	SE	2024-09-11	13:04:42	2'000	46.31	SE
2024-09-11	10:21:21	302	46.29	SE	2024-09-11	13:09:39	743	46.27	SE
2024-09-11	10:22:29	445	46.3	SE	2024-09-11	13:12:33	764	46.29	SE
2024-09-11	10:23:35	424	46.25	SE	2024-09-11	13:14:00	764	46.27	SE
2024-09-11	10:25:24	299	46.3	SE	2024-09-11	13:18:00	2'000	46.34	SE
2024-09-11	10:25:24	276	46.3	SE	2024-09-11	13:24:17	2'000	46.38	SE
2024-09-11	10:27:07	190	46.3	SE	2024-09-11	13:30:29	764	46.38	SE
2024-09-11	10:28:22	2'000	46.34	SE	2024-09-11	13:33:05	764	46.38	SE
2024-09-11	10:33:41	292	46.26	SE	2024-09-11	13:35:51	335	46.37	SE
2024-09-11	10:36:00	764	46.21	SE	2024-09-11	13:36:10	2	46.37	SE
2024-09-11	10:36:00	320	46.21	SE	2024-09-11	13:36:10	21	46.37	SE
2024-09-11	10:39:20	173	46.17	SE	2024-09-11	13:36:10	622	46.37	SE
2024-09-11	10:39:20	199	46.17	SE	2024-09-11	13:38:01	2'000	46.37	SE
2024-09-11	10:39:20	294	46.17	SE	2024-09-11	13:46:09	2'000	46.4	SE
2024-09-11	10:42:10	2'000	46.18	SE	2024-09-11	13:53:57	2'000	46.42	SE
2024-09-11	10:48:39	764	46.16	SE	2024-09-11	13:59:35	2'000	46.41	SE
2024-09-11	10:50:31	310	46.15	SE	2024-09-11	14:05:48	453	46.43	SE
2024-09-11	10:51:55	280	46.16	SE	2024-09-11	14:05:48	100	46.43	SE
2024-09-11	10:51:59	276	46.16	SE	2024-09-11	14:08:14	2'000	46.47	SE
2024-09-11	10:53:27	25	46.21	SE	2024-09-11	14:15:45	2'000	46.39	SE
2024-09-11	10:53:27	253	46.21	SE	2024-09-11	14:21:07	2'000	46.39	SE
2024-09-11	10:54:13	186	46.17	SE	2024-09-11	14:28:40	2'000	46.41	SE
2024-09-11	10:54:18	279	46.17	SE	2024-09-11	14:34:35	2'000	46.25	SE
2024-09-11	10:55:32	282	46.17	SE	2024-09-11	14:40:44	2'000	46.32	SE
2024-09-11	10:57:41	2'000	46.18	SE	2024-09-11	14:48:57	2'000	46.41	SE
2024-09-11	11:04:05	2'000	46.2	SE	2024-09-11	15:40:22	2'000	46.31	SE
2024-09-11	11:10:05	424	46.2	SE	2024-09-11	15:40:22	2'000	46.3	SE
2024-09-11	11:12:03	235	46.23	SE	2024-09-11	15:40:23	2'000	46.31	SE
2024-09-11	11:12:08	161	46.23	SE	2024-09-11	15:40:23	2'000	46.31	SE
2024-09-11	11:14:34	938	46.19	SE	2024-09-11	15:40:24	2'000	46.31	SE
2024-09-11	11:14:34	764	46.19	SE	2024-09-11	15:40:24	2'000	46.31	SE
2024-09-11	11:14:34	298	46.19	SE	2024-09-11	15:40:25	2'000	46.31	SE
2024-09-11	11:20:10	764	46.16	SE	2024-09-11	15:40:26	2'000	46.31	SE
2024-09-11	11:22:30	23	46.14	SE	2024-09-11	15:46:41	2'000	46.31	SE
2024-09-11	11:22:41	531	46.14	SE	2024-09-11	15:46:51	1'378	46.31	SE
2024-09-11	11:24:49	764	46.11	SE	2024-09-11	15:46:51	622	46.31	SE
2024-09-11	11:26:21	190	46.11	SE	2024-09-11	15:46:52	622	46.31	SE
2024-09-11	11:28:03	764	46.15	SE	2024-09-11	15:46:53	756	46.31	SE
2024-09-11	11:28:03	764	46.15	SE	2024-09-11	15:46:53	622	46.31	SE
2024-09-11	11:28:03	47	46.15	SE	2024-09-11	15:46:54	2'000	46.31	SE
2024-09-11	11:32:52	2'000	46.16	SE	2024-09-11	15:46:54	1'244	46.31	SE
2024-09-11	11:39:55	764	46.15	SE	2024-09-11	15:46:55	2'000	46.31	SE
2024-09-11	11:39:55	292	46.15	SE	2024-09-11	15:46:55	2'000	46.31	SE
2024-09-11	11:43:53	2'000	46.15	SE	2024-09-11	15:50:13	2'000	46.3	SE



2024-09-11	15:53:00	2'000	46.22	SE
2024-09-11	15:57:06	2'000	46.22	SE
2024-09-11	16:00:19	1'630	46.17	SE
2024-09-11	16:00:19	370	46.17	SE
2024-09-11	16:04:25	397	46.13	SE
2024-09-11	16:05:23	295	46.14	SE
2024-09-11	16:05:23	177	46.14	SE
2024-09-11	16:05:23	764	46.14	SE
2024-09-11	16:05:23	764	46.14	SE
2024-09-11	16:09:08	370	46.17	SE
2024-09-11	16:09:30	2'000	46.16	SE
2024-09-11	16:13:25	2'000	46.09	SE
2024-09-11	16:17:04	2'000	45.94	SE
2024-09-11	16:20:34	388	45.93	SE
2024-09-11	16:20:35	1'612	45.93	SE
2024-09-11	16:23:04	388	45.93	SE
2024-09-11	16:25:32	2'000	45.98	SE
2024-09-11	16:29:15	1'580	45.92	SE
2024-09-11	16:29:15	420	45.92	SE
2024-09-11	16:33:14	764	45.88	SE
2024-09-11	16:34:26	764	45.84	SE
2024-09-11	16:35:45	387	45.89	SE
2024-09-11	16:36:26	420	45.92	SE
2024-09-11	16:37:23	5	45.95	SE
2024-09-11	16:37:24	1'995	45.95	SE
2024-09-11	16:41:00	152	45.87	SE
2024-09-11	16:41:17	387	45.87	SE
2024-09-11	16:42:07	622	45.88	SE
2024-09-11	16:43:06	465	45.83	SE
2024-09-11	16:43:06	149	45.83	SE
2024-09-11	16:43:06	764	45.83	SE
2024-09-11	16:43:06	311	45.83	SE
2024-09-11	16:43:06	311	45.83	SE
2024-09-11	16:47:19	2'000	45.77	SE
2024-09-11	16:50:47	2'000	45.76	SE
2024-09-11	16:54:33	2'000	45.81	SE
2024-09-11	16:58:11	1'817	45.84	SE