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# **LAMPIRAN**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Tahun | No. | Kode Emiten | Kriteria | | |
| 1 | 2 | 3 |
| 2022 | 1 | BBTN | P | P | P |
| 2 | EXCL | P | P | P |
| 3 | BRIS | P | P | P |
| 4 | BABP | P | P | P |
| 5 | BVIC | P | P | P |
| 6 | SMGR | P | P | P |
| 7 | BGTG | P | P | P |
| 8 | BNBA | P | P | P |
| 9 | VICO | P | P | P |
| 10 | MITI | P | P | P |
| 11 | BBYB | P | P | P |
| 12 | BNBA | P | P | P |
| 13 | IATA | P | P | P |
| 14 | SAME | P | P | P |
| 15 | ADHI | P | P | P |
| 16 | DNAR | P | P | P |
| 17 | WEHA | P | P | P |
| 18 | AHAP | P | P | P |
| 19 | PANI | P | P | P |
| 20 | KIOS | P | P | P |
| 21 | TAMA | P | P | P |
| 22 | ESTA | P | P | P |
| 23 | JAST | P | P | P |
| 24 | RBMS | P | O | P |
| 25 | PEGE | P | O | P |
| 26 | BGTG | P | P | P |
| 27 | ABBA | P | P | P |
| 28 | BRMS | P | P | P |
| 2021 | 29 | COCO | P | P | P |
| 30 | KMTR | P | O | O |
| 31 | VRNA | P | O | O |
| 32 | MYTX | P | P | O |
| 33 | META | P | O | P |
| 34 | RBMS | P | P | O |
| 35 | TIFA | P | P | P |
| 36 | SMCB | P | P | P |
| 37 | ARTO | P | P | P |
| 2020 | 38 | IMAS | P | P | P |
| 39 | APLN | P | P | P |
| 40 | CITA | P | P | P |
| 2019 | 41 | GOLD | P | O | O |
| 42 | LPKR | P | P | O |
| 43 | LPCK | P | O | O |
| 44 | HOME | P | P | O |
| 45 | SQMI | P | O | P |
| 46 | GSMF | P | P | P |
| 47 | MPPA | P | P | P |
| 48 | YELO | P | P | P |
| 49 | BEKS | P | P | P |
| 2018 | 50 | MLPL | P | P | P |
| 51 | BJBR | P | P | P |
| 52 | TMPO | P | P | O |
| 53 | DAYA | P | O | P |
| 54 | MABA | P | O | P |
| 55 | YULE | P | O | P |

**Lampiran 1 Daftar Sampel Perusahaan**

**Daftar Sampel Perusahaan**

|  |  |  |
| --- | --- | --- |
| **No.** | **Kode** | **Nama Perusahaan** |
|  | BBTN | Bank Tabungan Negara (Persero) Tbk |
|  | EXCL | XL Axiata Tbk. |
|  | BRIS | Bank Syariah Indonesia Tbk. |
|  | BABP | Bank MNC Internasional Tbk. |
|  | BVIC | Bank Victoria Internasional Tbk. |
|  | SMGR | Semen Indonesia (Persero) Tbk. |
|  | BGTG | Bank Ganesha Tbk. |
|  | BNBA | Bank Bumi Arta Tbk. |
|  | VICO | Victoria Investama Tbk |
|  | MITI | Mitra Investindo Tbk. |
|  | BBYB | Bank Neo Commerce Tbk. |
|  | BNBA | Bank Bumi Arta Tbk. |
|  | IATA | MNC Energy Investments Tbk. |
|  | SAME | Sarana Meditama Metropolitan Tbk. |
|  | ADHI | Adhi Karya (Persero) Tbk. |
|  | DNAR | Bank Oke Indonesia Tbk. |
|  | WEHA | Weha Transportasi Indonesia Tbk. |
|  | AHAP | Asuransi Harta Aman Pratama Tbk. |
|  | PANI | Pratama Abadi Nusa Industri Tbk. |
|  | KIOS | Kioson Komersial Indonesia Tbk. |
|  | TAMA | Lancartama Sejati Tbk. |
|  | ESTA | Esta Multi Usaha Tbk. |
|  | JAST | Jasnita Telekomindo Tbk. |
|  | MLPL | Multipolar Tbk. |
|  | BJBR | Bank Pembangunan Daerah Jawa Barat dan Banten Tbk. |
|  | BGTG | Bank Ganesha Tbk. |
|  | ABBA | Mahaka Media Tbk. |
|  | BRMS | Bumi Resources Minerals Tbk. |
|  | GSMF | Equity Development Investment Tbk. |
|  | COCO | Wahana Interfood Nusantara Tbk. |
|  | MPPA | Matahari Putra Prima Tbk |
|  | YELO | Yelooo Integra Datanet Tbk. |
|  | BEKS | Bank Pembangunan Daerah Banten Tbk |
|  | SDRA | Bank Woori Saudara Indonesia 1906 Tbk. |
|  | TIFA | KDB Tifa Finance Tbk. |
|  | SMCB | Solusi Bangun Indonesia Tbk. |
|  | ARTO | Bank Jago Tbk. |
|  | IMAS | Indomobil Sukses Internasional Tbk. |
|  | APLN | Agung Podomoro Land Tbk. |
|  | CITA | Cita Mineral Investindo Tbk. |

Sumber : https://www.idx.co.id

**Lampiran 2 Data Abnormal Return (AR) Sebelum dan Sesudah Pengumuman Right Issue pada Perusahaan yang Listing Di Bursa Efek Indonesia Periode 2018-2022**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Kode Emiten | *Abnormal Return* | | |
| Pre t-30 | t0 | Post t+30 |
| 1. | BBTN | -0,0344 | 0,00138 | 0,0005 |
| 2. | EXCL | -0,0263 | -0,0124 | 0,0024 |
| 3. | BRIS | -0,0738 | 0,01435 | 0,0011 |
| 4. | BABP | -0,0396 | -0,0014 | 2,93E-05 |
| 5. | BVIC | -0,0398 | 0,00804 | 0,0002 |
| 6. | SMGR | -0,0713 | 0,01047 | -0,0341 |
| 7. | BGTG | -0,0352 | -0,001 | 0,0013 |
| 8. | BNBA | -0,0794 | 0,00032 | -0,0059 |
| 9. | VICO | -0,0466 | 0,03187 | -0,0079 |
| 10. | MITI | -0,0332 | -0,005 | 0,0004 |
| 11. | BBYB | -0,0398 | 0,00943 | 0,0002 |
| 12. | BNBA | -0,0808 | -0,0137 | -0,0095 |
| 13. | IATA | -0,0355 | 0,00267 | 3,6916 |
| 14. | SAME | -0,0335 | 0,01699 | 0,0381 |
| 15. | ADHI | -0,0424 | 0,00985 | -0,0005 |
| 16. | DNAR | -0,0339 | -0,0009 | 0,0019 |
| 17. | WEHA | 0,02817 | -0,0282 | 0,0044 |
| 18. | AHAP | -0,0003 | -0,0257 | -0,0159 |
| 19. | PANI | -0,0454 | 0,03686 | 0,419 |
| 20. | KIOS | -0,0104 | 0,01424 | 0,0009 |
| 21. | TAMA | -0,0355 | -0,0009 | -0,0025 |
| 22. | ESTA | -0,1246 | 0,12974 | -0,0186 |
| 23. | JAST | -0,0357 | -0,0036 | -0,0041 |
| 24. | MLPL | -0,0308 | -0,0561 | -0,0073 |
| 25. | BJBR | -0,0635 | 0,00757 | 0,2716 |
| 26. | BGTG | -0,0383 | 0,0308 | -0,0074 |
| 27. | ABBA | -0,0295 | -0,0152 | -0,0155 |
| 28. | BRMS | 1,9689 | -0,0119 | 0,0161 |
| 29. | COCO | -0,0253 | 0,02083 | 0,0009 |
| 30. | GSMF | -0,0299 | -0,0631 | 0,0238 |
| 31. | MPPA | -0,0386 | -0,0171 | -0,008 |
| 32. | YELO | -0,0472 | -0,053 | 0,0223 |
| 33. | BEKS | -0,0461 | -0,0559 | -0,0048 |
| 34. | SDRA | -0,0429 | 0,00272 | 0,2268 |
| 35. | TIFA | -0,0668 | -0,0723 | -0,0014 |
| 36. | SMCB | -0,0286 | -0,0053 | 0,3011 |
| 37. | ARTO | -0,0246 | 0,06217 | 0,0008 |
| 38. | IMAS | -0,074 | 0,03095 | -0,0219 |
| 39. | APLN | -0,0443 | 0,06364 | 0,1159 |
| 40. | CITA | -0,0265 | -0,0571 | 0,0131 |
| Tertinggi | | 1,9689 | 0,12974 | 3,691558 |
| Terendah | | -0,1246 | -0,0723 | -0,03411 |
| Rata-rata | | 0,00858 | 0,00013 | 0,124733 |

Sumber : data diolah 2023

**Lampiran 3 Data Volume Perdagangan Saham atau Trading Volume Activity Sebelum dan Sesudah Pengumuman Right Issue pada Perusahaan yang Listing Di Bursa Efek Indonesia Periode 2018-2022**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Kode Emiten | Volume Perdagangan Saham atau *Trading Volume Activity* | | |
| Pre t-30 | H-0 | Post t+30 |
| 1. | BBTN | 16.685.420 | 38.108.600 | 468.875.932 |
| 2. | EXCL | 17.434.007 | 11.469.100 | 14.850.703 |
| 3. | BRIS | 20.005.683 | 20.033.600 | 28.802.418 |
| 4. | BABP | 83.177.870 | 14.400.300 | 52.513.353 |
| 5. | BVIC | 8.225.260 | 2.967.400 | 6.177.137 |
| 6. | SMGR | 10.253.570 | 10.395.800 | 10.652.490 |
| 7. | BGTG | 13.799.447 | 13.623.800 | 17.819.813 |
| 8. | BNBA | 853.203 | 72.900 | 546.473 |
| 9. | VICO | 7.149.610 | 1.402.400 | 521.933 |
| 10. | MITI | 868.693 | 478.400 | 2.521.147 |
| 11. | BBYB | 87.543.803 | 71.995.400 | 44.910.530 |
| 12. | BNBA | 669.547 | 1.742.100 | 363.510 |
| 13. | IATA | 76.323.207 | 19.955.600 | 32.290.773 |
| 14. | SAME | 5.476.490 | 2.607.700 | 5.682.127 |
| 15. | ADHI | 34.983.777 | 17.614.000 | 17.523.630 |
| 16. | DNAR | 1.872.356 | 409.700 | 7.132.453 |
| 17. | WEHA | 15.826.823 | 17.725.700 | 24.571.383 |
| 18. | AHAP | 75.588.620 | 129.596.400 | 28.936.330 |
| 19. | PANI | 3.869.488 | 29.104.200 | 22.709.590 |
| 20. | KIOS | 41.986.427 | 50.601.200 | 56.359.880 |
| 21. | TAMA | 3.712.641 | 25.000 | 156.910 |
| 22. | ESTA | 11.696.223 | 43.785.400 | 24.903.057 |
| 23. | JAST | 14.388.700 | 3.598.700 | 21.931.760 |
| 24. | MLPL | 194.253.360 | 140.825.600 | 1.085.653.584 |
| 25. | BJBR | 9.086.773 | 14.055.900 | 20.076.960 |
| 26. | BGTG | 194.203.647 | 54.417.100 | 47.771.787 |
| 27. | ABBA | 68.151.273 | 25.000.100 | 22.524.713 |
| 28. | BRMS | 593.263.893 | 281.829.500 | 766.231.693 |
| 29. | COCO | 31.369.613 | 13.661.800 | 14.218.553 |
| 30. | GSMF | 8.955.863 | 1.167.000 | 31.569.347 |
| 31. | MPPA | 115.056.257 | 37.771.900 | 137.731.070 |
| 32. | YELO | 73.277.193 | 418.424.100 | 164.969.777 |
| 33. | BEKS | 298.427.843 | 1.104.738.100 | 187.847.077 |
| 34. | SDRA | 535.014 | 475.800 | 6.988.627 |
| 35. | TIFA | 228.324 | 339.200 | 851.430 |
| 36. | SMCB | 256.813 | 377.700 | 1.026.957 |
| 37. | ARTO | 7.917.467 | 16.407.500 | 6.734.990 |
| 38. | IMAS | 11.877.034 | 14.843.400 | 24.567.753 |
| 39. | APLN | 13.379.713 | 16.078.200 | 15.493.020 |
| 40. | CITA | 156 | 40.300 | 10.043 |
| Tertinggi | | 593.263.893 | 1.104.738.100 | 1.085.653.584 |
| Terendah | | 156 | 25.000 | 10.043 |
| Rata-rata | | 54.315.778 | 66.054.165 | 85.625518 |

Sumber : data olah 2023

**Lampiran 4 Data Bid-Ask Spread Sebelum (Pre t-30) dan Sesudah (Post t+30) Pengumuman Right Issue pada Perusahaan yang Listing Di Bursa Efek Indonesia Periode 2018-2022**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Kode Emiten | *Bid-Ask Spread* | | |
| Pre t-30 | t0 | Post t+30 |
| 1. | BBTN | 0,036008 | 0,000924 | 0,000387 |
| 2. | EXCL | 0,072205 | 0,001166 | 0,000843 |
| 3. | BRIS | 0,108171 | 0,000967 | 0,00105 |
| 4. | BABP | 0,144935 | 0,002463 | 0,00219 |
| 5. | BVIC | 0,180689 | 0,002347 | 0,002205 |
| 6. | SMGR | 0,214731 | 0,000935 | 0,000463 |
| 7.. | BGTG | 0,252191 | 0,00289 | 0,002335 |
| 8. | BNBA | 0,293318 | 0,001119 | 0,006982 |
| 9. | VICO | 0,313393 | 0,002994 | 0,009017 |
| 10. | MITI | 0,35248 | 0,001558 | -0,00386 |
| 11. | BBYB | 0,412596 | 0,001818 | 0,018061 |
| 12. | BNBA | 0,418407 | 0,002092 | -0,00884 |
| 13. | IATA | 0,484923 | 0,001792 | 0,018872 |
| 14. | SAME | 0,50173 | 0,001767 | 0,001794 |
| 15. | ADHI | 0,537179 | 0,002347 | 0,001627 |
| 16. | DNAR | 0,572422 | 0,001529 | 0,001087 |
| 17. | WEHA | 0,639588 | 0,002008 | 0,029581 |
| 18. | AHAP | 0,645837 | 0,001845 | 0,019012 |
| 19. | PANI | 0,807548 | 0,001071 | 0,100461 |
| 20. | KIOS | 0,788288 | 0,002463 | 0,067146 |
| 21. | TAMA | 1,121429 | 0,5 | 0,5 |
| 22. | ESTA | 1,026545 | 0,001326 | 0,217681 |
| 23. | JAST | 0,823555 | 0,002326 | 0,002185 |
| 24. | MLPL | 0,876486 | 0,002092 | 0,017749 |
| 25. | BJBR | 0,893503 | 0,000873 | 0,000692 |
| 26. | BGTG | 0,929599 | 0,001259 | 0,001202 |
| 27. | ABBA | 1,003384 | 0,00165 | 0,051599 |
| 28. | BRMS | 1,001542 | 0,002347 | 0,001706 |
| 29. | COCO | 1,037171 | 0,001707 | 0,001429 |
| 30. | GSMF | 1,100397 | 0,5 | 0,090681 |
| 31. | MPPA | 1,199481 | 0,001109 | 0,083555 |
| 32. | YELO | 1,14359 | 0,001484 | 0,00086 |
| 33. | BEKS | 1,181342 | 0,5 | 0,002943 |
| 34. | SDRA | 1,215796 | 0,001931 | 0,001615 |
| 35. | TIFA | 1,25048 | 0,5 | 0,064949 |
| 36. | SMCB | 1,277451 | 0,000692 | -0,00733 |
| 37. | ARTO | 1,32218 | 0 | 0,00076 |
| 38. | IMAS | 1,377847 | 0,001916 | 0,034982 |
| 39. | APLN | 1,394651 | 0,002994 | 0,001971 |
| 40. | CITA | 1,577205 | 0,005319 | 0,134714 |
| Tertinggi | | 1,577205 | 0,5 | 0,5 |
| Terendah | | 0,036008 | 0 | -0,00884 |
| Rata-rata | | 0,763257 | 0,051628 | 0,036859 |

Sumber : data olah 2023

**Lampiran 5 Data Harga Saham**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| No. | Kode Emiten | Data Harga Saham | | | | | | | | | | |
| t-30 | t-29 | t-28 | t-27 | t-26 | t-25 | t-24 | t-23 | t-22 | t-21 | t-20 |
| 1 | BBTN | 1.515 | 1.510 | 1.520 | 1.510 | 1.520 | 1.525 | 1.530 | 1.525 | 1.535 | 1.540 | 1.515 |
| 2 | EXCL | 2.290 | 2.270 | 2.280 | 2.280 | 2.270 | 2.210 | 2.210 | 2.200 | 2.170 | 2.250 | 2.300 |
| 3 | BRIS | 1.360 | 1.355 | 1.360 | 1.360 | 1.380 | 1.385 | 1.370 | 1.360 | 1.330 | 1.335 | 1.325 |
| 4 | BABP | 124 | 122 | 124 | 124 | 133 | 127 | 131 | 130 | 127 | 119 | 111 |
| 5 | BVIC | 134 | 133 | 133 | 133 | 135 | 135 | 134 | 134 | 133 | 133 | 131 |
| 6 | SMGR | 7.625 | 7.625 | 7.725 | 7.675 | 7.700 | 7.650 | 7.600 | 7.700 | 7.700 | 7.600 | 7.600 |
| 7 | BGTG | 100 | 99 | 100 | 100 | 100 | 99 | 100 | 101 | 101 | 99 | 99 |
| 8 | BNBA | 1.515 | 1.500 | 1.525 | 1.495 | 1.505 | 1.500 | 1.485 | 1.495 | 1.500 | 1.500 | 1.530 |
| 9 | VICO | 250 | 244 | 234 | 228 | 228 | 220 | 226 | 260 | 242 | 226 | 218 |
| 10 | MITI | 169 | 167 | 165 | 166 | 168 | 170 | 165 | 165 | 167 | 165 | 163 |
| 11 | BBYB | 945 | 880 | 890 | 830 | 805 | 825 | 830 | 840 | 820 | 890 | 865 |
| 12 | BNBA | 1.470 | 1.555 | 1.510 | 1.515 | 1.495 | 1.485 | 1.480 | 1.490 | 1.515 | 1.500 | 1.525 |
| 13 | IATA | 140 | 140 | 140 | 140 | 140 | 140 | 154 | 153 | 155 | 151 | 154 |
| 14 | SAME | 286 | 280 | 290 | 296 | 296 | 290 | 284 | 282 | 270 | 270 | 270 |
| 15 | ADHI | 715 | 735 | 745 | 745 | 740 | 735 | 725 | 735 | 715 | 720 | 720 |
| 16 | DNAR | 177 | 178 | 180 | 178 | 177 | 176 | 174 | 169 | 172 | 174 | 176 |
| 17 | WEHA | 171 | 171 | 172 | 705 | 173 | 174 | 176 | 164 | 159 | 160 | 155 |
| 18 | AHAP | 59 | 59 | 58 | 60 | 63 | 85 | 81 | 99 | 131 | 122 | 121 |
| 19 | PANI | 8.125 | 8.225 | 8.400 | 8.400 | 9.800 | 9.800 | 11.100 | 12.000 | 12.000 | 12.000 | 12.000 |
| 20 | KIOS | 236 | 230 | 240 | 270 | 252 | 244 | 240 | 260 | 260 | 256 | 270 |
| 21 | TAMA | 54 | 54 | 54 | 54 | 54 | 53 | 54 | 53 | 56 | 56 | 57 |
| 22 | ESTA | 780 | 815 | 815 | 760 | 710 | 690 | 660 | 630 | 680 | 740 | 710 |
| 23 | JAST | 137 | 139 | 140 | 138 | 137 | 138 | 147 | 142 | 142 | 141 | 139 |
| 24 | MLPL | 230 | 240 | 240 | 242 | 234 | 220 | 220 | 208 | 214 | 218 | 204 |
| 25 | BJBR | 1.335 | 1.355 | 1.370 | 1.390 | 1.380 | 1.400 | 1.380 | 1.405 | 1.410 | 1.405 | 1.395 |
| 26 | BGTG | 212 | 216 | 226 | 236 | 230 | 244 | 256 | 282 | 266 | 264 | 278 |
| 27 | ABBA | 324 | 302 | 284 | 302 | 314 | 312 | 358 | 348 | 340 | 338 | 334 |
| 28 | BRMS | 179 | 116 | 113 | 1.810 | 115 | 112 | 115 | 117 | 118 | 118 | 113 |
| 29 | COCO | 240 | 250 | 280 | 280 | 294 | 280 | 272 | 262 | 256 | 244 | 250 |
| 30 | GSMF | 204 | 202 | 199 | 204 | 204 | 254 | 316 | 324 | 316 | 298 | 328 |
| 31 | MPPA | 570 | 545 | 545 | 515 | 565 | 545 | 530 | 515 | 500 | 492 | 492 |
| 32 | YELO | 400 | 396 | 424 | 418 | 422 | 412 | 394 | 404 | 406 | 426 | 406 |
| 33 | BEKS | 104 | 106 | 104 | 101 | 101 | 100 | 99 | 99 | 98 | 93 | 92 |
| 34 | SDRA | 760 | 800 | 755 | 740 | 725 | 740 | 725 | 725 | 775 | 730 | 735 |
| 35 | TIFA | 930 | 930 | 930 | 885 | 880 | 890 | 925 | 925 | 865 | 865 | 865 |
| 36 | SMCB | 1.700 | 1.670 | 1.665 | 1.625 | 1.660 | 1.655 | 1.695 | 1.660 | 1.580 | 1.710 | 1.765 |
| 37 | ARTO | 7.100 | 6.975 | 7.000 | 7.050 | 7.050 | 7.000 | 7.150 | 7.200 | 7.650 | 7.900 | 8.450 |
| 38 | IMAS | 645 | 635 | 635 | 650 | 645 | 630 | 645 | 635 | 690 | 665 | 660 |
| 39 | APLN | 157 | 156 | 153 | 151 | 150 | 156 | 158 | 156 | 153 | 147 | 147 |
| 40 | CITA | 1.900 | 1.950 | 2.000 | 2.000 | 2.000 | 1.990 | 2.000 | 1.910 | 1.900 | 2.000 | 2.000 |

Sumber : data olah 2023

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| No. | kode Emiten | Data Harga Saham | | | | | | | | | |
| t-19 | t-18 | t-17 | t-16 | t-15 | t-14 | t-13 | t-12 | t-11 | t-10 |
| 1 | BBTN | 1.455 | 1.415 | 1.395 | 1.400 | 1.33 | 1.385 | 1.400 | 1.395 | 1.390 | 1.365 |
| 2 | EXCL | 2.300 | 2.290 | 1.395 | 2.170 | 2.070 | 2.070 | 2.020 | 2.080 | 2.050 | 2.010 |
| 3 | BRIS | 1.320 | 1.310 | 1.295 | 1.270 | 1.265 | 1.230 | 1.245 | 1.295 | 1.215 | 1.210 |
| 4 | BABP | 114 | 116 | 112 | 107 | 105 | 104 | 103 | 106 | 106 | 107 |
| 5 | BVIC | 128 | 127 | 123 | 122 | 123 | 123 | 121 | 124 | 121 | 116 |
| 6 | SMGR | 7.700 | 7.675 | 7.700 | 7.175 | 7.000 | 6.950 | 6.950 | 6.750 | 7.000 | 7.000 |
| 7 | BGTG | 98 | 96 | 95 | 95 | 92 | 91 | 90 | 90 | 90 | 95 |
| 8 | BNBA | 1.530 | 1.430 | 1.365 | 1.365 | 1.310 | 1.240 | 1.155 | 1.200 | 1.200 | 1.245 |
| 9 | VICO | 208 | 210 | 210 | 216 | 208 | 208 | 218 | 208 | 206 | 204 |
| 10 | MITI | 164 | 162 | 166 | 165 | 166 | 165 | 162 | 162 | 164 | 162 |
| 11 | BBYB | 915 | 900 | 920 | 900 | 950 | 935 | 875 | 870 | 940 | 915 |
| 12 | BNBA | 1.495 | 1.505 | 1.500 | 1.485 | 1.495 | 1.500 | 1.500 | 1.530 | 1.530 | 1.430 |
| 13 | IATA | 155 | 149 | 148 | 145 | 142 | 140 | 140 | 140 | 140 | 140 |
| 14 | SAME | 266 | 276 | 272 | 280 | 282 | 288 | 296 | 294 | 294 | 292 |
| 15 | ADHI | 700 | 655 | 620 | 615 | 620 | 630 | 605 | 625 | 590 | 555 |
| 16 | DNAR | 173 | 174 | 172 | 168 | 168 | 160 | 159 | 158 | 159 | 162 |
| 17 | WEHA | 156 | 155 | 159 | 159 | 155 | 150 | 147 | 129 | 129 | 127 |
| 18 | AHAP | 113 | 106 | 113 | 114 | 110 | 104 | 107 | 84 | 81 | 83 |
| 19 | PANI | 12.000 | 12.000 | 12.000 | 11.175 | 10.400 | 11.425 | 12.550 | 11.675 | 10.875 | 11.900 |
| 20 | KIOS | 280 | 330 | 304 | 302 | 302 | 314 | 306 | 296 | 302 | 288 |
| 21 | TAMA | 54 | 54 | 52 | 50 | 50 | 51 | 51 | 51 | 50 | 50 |
| 22 | ESTA | 760 | 765 | 800 | 1.000 | 930 | 865 | 1.010 | 1.160 | 1.450 | 705 |
| 23 | JAST | 140 | 140 | 144 | 142 | 142 | 139 | 131 | 126 | 127 | 128 |
| 24 | MLPL | 197 | 194 | 197 | 204 | 224 | 234 | 220 | 216 | 216 | 238 |
| 25 | BJBR | 1.405 | 1.405 | 1.410 | 1.385 | 1.395 | 1.400 | 1.415 | 1.400 | 1.375 | 1.395 |
| 26 | BGTG | 270 | 292 | 276 | 268 | 250 | 240 | 230 | 232 | 216 | 218 |
| 27 | ABBA | 332 | 350 | 396 | 400 | 500 | 488 | 476 | 352 | 354 | 358 |
| 28 | BRMS | 126 | 118 | 111 | 118 | 116 | 120 | 123 | 113 | 110 | 110 |
| 29 | COCO | 248 | 268 | 280 | 278 | 280 | 272 | 282 | 276 | 274 | 290 |
| 30 | GSMF | 348 | 324 | 302 | 320 | 384 | 408 | 380 | 440 | 314 | 298 |
| 31 | MPPA | 478 | 456 | 488 | 565 | 585 | 565 | 540 | 515 | 500 | 492 |
| 32 | YELO | 408 | 424 | 412 | 420 | 420 | 410 | 384 | 210 | 262 | 326 |
| 33 | BEKS | 94 | 95 | 94 | 94 | 88 | 82 | 84 | 87 | 80 | 80 |
| 34 | SDRA | 720 | 670 | 640 | 660 | 640 | 625 | 640 | 640 | 650 | 640 |
| 35 | TIFA | 900 | 900 | 900 | 900 | 900 | 1.090 | 1.080 | 1.335 | 1.665 | 2.080 |
| 36 | SMCB | 1.735 | 1.755 | 1.790 | 1.720 | 1.735 | 1.730 | 1.720 | 1.735 | 1.700 | 1.695 |
| 37 | ARTO | 8.600 | 9.375 | 10.900 | 10.150 | 10.525 | 10.350 | 10.000 | 10.000 | 10.250 | 10.950 |
| 38 | IMAS | 650 | 700 | 715 | 685 | 675 | 650 | 670 | 665 | 650 | 580 |
| 39 | APLN | 144 | 136 | 130 | 137 | 137 | 145 | 145 | 141 | 130 | 129 |
| 40 | CITA | 2.000 | 2.000 | 1.900 | 1.900 | 1.930 | 1.960 | 1.980 | 2.000 | 1.700 | 1.890 |

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| No. | Kode Emiten | Data Harga Saham | | | | | | | | | |
| t-9 | t-8 | t-7 | t-6 | t-5 | t-4 | t-3 | t-2 | t-1 | t-0 |
| 1 | BBTN | 1.365 | 1.380 | 1.395 | 1.405 | 1.345 | 1.375 | 1.410 | 1.355 | 1.350 | 1.350 |
| 2 | EXCL | 2.050 | 2.100 | 2.070 | 2.100 | 2.080 | 2.080 | 2.130 | 2.150 | 2.140 | 2.140 |
| 3 | BRIS | 1.200 | 1.120 | 1.100 | 1.150 | 1.220 | 1.215 | 1.310 | 1.310 | 1.280 | 1.270 |
| 4 | BABP | 105 | 103 | 102 | 100 | 102 | 103 | 104 | 105 | 102 | 102 |
| 5 | BVIC | 114 | 112 | 108 | 105 | 107 | 107 | 107 | 107 | 106 | 107 |
| 6 | SMGR | 7.225 | 7.025 | 6.950 | 6.775 | 6.725 | 6.725 | 6.750 | 6.800 | 6.675 | 6.675 |
| 7 | BGTG | 94 | 94 | 92 | 89 | 89 | 84 | 85 | 85 | 85 | 86 |
| 8 | BNBA | 1.230 | 1.200 | 1.155 | 1215 | 1.190 | 1.210 | 1.170 | 1.160 | 1.125 | 1.120 |
| 9 | VICO | 195 | 184 | 175 | 163 | 157 | 162 | 165 | 163 | 163 | 167 |
| 10 | MITI | 165 | 160 | 160 | 156 | 160 | 156 | 155 | 163 | 161 | 160 |
| 11 | BBYB | 855 | 800 | 780 | 735 | 800 | 795 | 740 | 715 | 685 | 690 |
| 12 | BNBA | 1.365 | 1.365 | 1.310 | 1240 | 1.155 | 1.200 | 1.200 | 1.245 | 1.230 | 1.200 |
| 13 | IATA | 141 | 143 | 140 | 140 | 140 | 142 | 140 | 140 | 140 | 140 |
| 14 | SAME | 290 | 288 | 288 | 286 | 284 | 280 | 284 | 282 | 280 | 282 |
| 15 | ADHI | 555 | 550 | 560 | 555 | 550 | 555 | 540 | 520 | 535 | 535 |
| 16 | DNAR | 164 | 167 | 167 | 168 | 164 | 163 | 165 | 163 | 165 | 164 |
| 17 | WEHA | 132 | 129 | 130 | 129 | 130 | 159 | 148 | 138 | 129 | 125 |
| 18 | AHAP | 95 | 95 | 99 | 106 | 99 | 100 | 117 | 126 | 140 | 136 |
| 19 | PANI | 925 | 1.015 | 1.115 | 1.155 | 1.075 | 1.000 | 930 | 1.020 | 1.120 | 1.170 |
| 20 | KIOS | 286 | 274 | 272 | 294 | 356 | 362 | 452 | 438 | 505 | 510 |
| 21 | TAMA | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 22 | ESTA | 705 | 450 | 366 | 372 | 346 | 348 | 370 | 348 | 330 | 376 |
| 23 | JAST | 130 | 127 | 135 | 129 | 127 | 129 | 128 | 128 | 128 | 126 |
| 24 | MLPL | 228 | 234 | 234 | 230 | 236 | 260 | 262 | 254 | 252 | 240 |
| 25 | BJBR | 1.380 | 1.385 | 1.405 | 1420 | 1.410 | 1.410 | 1.410 | 1.450 | 1.415 | 1.435 |
| 26 | BGTG | 208 | 204 | 193 | 193 | 187 | 188 | 202 | 202 | 199 | 193 |
| 27 | ABBA | 334 | 312 | 308 | 306 | 328 | 308 | 288 | 282 | 306 | 304 |
| 28 | BRMS | 113 | 115 | 116 | 112 | 116 | 113 | 112 | 112 | 109 | 107 |
| 29 | COCO | 290 | 280 | 286 | 284 | 308 | 288 | 292 | 296 | 288 | 294 |
| 30 | GSMF | 304 | 284 | 316 | 304 | 296 | 278 | 260 | 242 | 226 | 212 |
| 31 | MPPA | 515 | 500 | 500 | 490 | 474 | 462 | 466 | 466 | 456 | 450 |
| 32 | YELO | 304 | 284 | 266 | 248 | 232 | 216 | 202 | 188 | 178 | 169 |
| 33 | BEKS | 79 | 78 | 79 | 79 | 81 | 78 | 77 | 77 | 78 | 78 |
| 34 | SDRA | 635 | 640 | 635 | 640 | 645 | 645 | 645 | 645 | 645 | 645 |
| 35 | TIFA | 1.015 | 1.185 | 1.105 | 1.030 | 476 | 895 | 835 | 780 | 730 | 680 |
| 36 | SMCB | 1.690 | 1.740 | 1.730 | 1.715 | 1.790 | 1.775 | 1.755 | 1.795 | 1.810 | 1.810 |
| 37 | ARTO | 11.100 | 9.500 | 9.700 | 10.225 | 10.975 | 11.375 | 10.850 | 10.100 | 9.875 | 10.600 |
| 38 | IMAS | 620 | 625 | 610 | 590 | 565 | 705 | 10.850 | 620 | 625 | 650 |
| 39 | APLN | 118 | 107 | 100 | 93 | 87 | 83 | 80 | 85 | 79 | 83 |
| 40 | CITA | 1.930 | 2.000 | 1.940 | 1.805 | 1.900 | 1.865 | 2.000 | 2.000 | 2.000 | 1.900 |

Sumber : data olah 2023

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| No. | Kode Emiten | Data Harga Saham | | | | | | | | | |
| t+1 | t+2 | t+3 | t+4 | t+5 | t+6 | t+7 | t+8 | t+9 | t+10 |
| 1 | BBTN | 1.335 | 1.320 | 1.320 | 1.310 | 1.340 | 1.330 | 1.245 | 1.230 | 1.250 | 1.240 |
| 2 | EXCL | 2.170 | 2.350 | 2.340 | 2.290 | 2.260 | 2.290 | 2.300 | 2.320 | 2.290 | 2.270 |
| 3 | BRIS | 1.290 | 1.285 | 1.395 | 1.385 | 1.335 | 1.390 | 1.365 | 1.325 | 1.335 | 1.330 |
| 4 | BABP | 101 | 104 | 105 | 102 | 98 | 98 | 93 | 88 | 90 | 91 |
| 5 | BVIC | 107 | 115 | 112 | 112 | 107 | 108 | 105 | 100 | 103 | 103 |
| 6 | SMGR | 6.675 | 6.575 | 6.625 | 6.700 | 6.775 | 6.700 | 7.075 | 7.175 | 7.050 | 7 |
| 7 | BGTG | 92 | 90 | 87 | 92 | 91 | 90 | 87 | 87 | 85 | 84 |
| 8 | BNBA | 1.045 | 975 | 995 | 990 | 970 | 955 | 940 | 925 | 925 | 940 |
| 9 | VICO | 168 | 167 | 165 | 168 | 165 | 167 | 166 | 165 | 167 | 164 |
| 10 | MITI | 160 | 160 | 160 | 157 | 158 | 157 | 159 | 157 | 157 | 169 |
| 11 | BBYB | 680 | 675 | 710 | 705 | 750 | 735 | 715 | 665 | 625 | 635 |
| 12 | BNBA | 1.155 | 1.215 | 1.190 | 1.210 | 1.170 | 1.160 | 1.125 | 1.120 | 1.045 | 975 |
| 13 | IATA | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 |
| 14 | SAME | 280 | 278 | 276 | 276 | 276 | 278 | 276 | 278 | 280 | 270 |
| 15 | ADHI | 525 | 520 | 540 | 535 | 535 | 535 | 535 | 545 | 540 | 530 |
| 16 | DNAR | 163 | 159 | 179 | 179 | 187 | 182 | 182 | 177 | 180 | 175 |
| 17 | WEHA | 123 | 117 | 182 | 181 | 122 | 125 | 111 | 112 | 114 | 115 |
| 18 | AHAP | 127 | 128 | 124 | 128 | 130 | 129 | 95 | 92 | 92 | 93 |
| 19 | PANI | 1.165 | 1.165 | 1.280 | 1.550 | 1.505 | 1.505 | 1.565 | 1.880 | 129 | 1.870 |
| 20 | KIOS | 505 | 515 | 535 | 565 | 565 | 540 | 555 | 520 | 484 | 452 |
| 21 | TAMA | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 22 | ESTA | 384 | 400 | 434 | 428 | 462 | 492 | 510 | 490 | 515 | 480 |
| 23 | JAST | 124 | 121 | 121 | 120 | 116 | 114 | 109 | 111 | 112 | 112 |
| 24 | MLPL | 232 | 232 | 238 | 226 | 232 | 232 | 234 | 222 | 214 | 218 |
| 25 | BJBR | 1.445 | 1.475 | 1.480 | 1.530 | 1.545 | 1.525 | 1.525 | 1.520 | 1.530 | 1.520 |
| 26 | BGTG | 214 | 208 | 204 | 199 | 198 | 198 | 197 | 193 | 192 | 199 |
| 27 | ABBA | 318 | 312 | 292 | 298 | 296 | 294 | 296 | 306 | 300 | 296 |
| 28 | BRMS | 104 | 103 | 103 | 101 | 109 | 109 | 111 | 121 | 127 | 124 |
| 29 | COCO | 292 | 290 | 288 | 288 | 292 | 290 | 290 | 290 | 292 | 292 |
| 30 | GSMF | 198 | 185 | 173 | 288 | 74 | 151 | 143 | 170 | 159 | 148 |
| 31 | MPPA | 426 | 430 | 422 | 420 | 434 | 426 | 426 | 402 | 386 | 360 |
| 32 | YELO | 164 | 167 | 160 | 160 | 157 | 156 | 160 | 81 | 156 | 159 |
| 33 | BEKS | 72 | 73 | 74 | 74 | 74 | 73 | 73 | 73 | 70 | 70 |
| 34 | SDRA | 650 | 645 | 640 | 625 | 630 | 630 | 635 | 635 | 630 | 73 |
| 35 | TIFA | 635 | 595 | 555 | 520 | 530 | 560 | 575 | 615 | 615 | 575 |
| 36 | SMCB | 1.790 | 1.780 | 1.780 | 1.775 | 1.850 | 1.850 | 1.845 | 1.845 | 1.860 | 1.890 |
| 37 | ARTO | 10.450 | 10.000 | 9.375 | 9.575 | 9.425 | 9.900 | 10.050 | 9.975 | 9.725 | 9.975 |
| 38 | IMAS | 710 | 885 | 825 | 815 | 820 | 820 | 775 | 765 | 1.045 | 745 |
| 39 | APLN | 93 | 95 | 90 | 90 | 88 | 93 | 99 | 115 | 158 | 110 |
| 40 | CITA | 2.000 | 1.910 | 1.900 | 1.900 | 1.850 | 1.850 | 1.900 | 1.875 | 2.900 | 2.000 |

Sumber : data olah 2023

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| No. | Kode Emiten | Data Harga Saham | | | | | | | | | |
| t+11 | t+12 | t+13 | t+14 | t+15 | t+16 | t+17 | t+18 | t+19 | t+20 |
| 1 | BBTN | 1.270 | 1.275 | 1.280 | 1.310 | 1.315 | 1.340 | 1.385 | 1.380 | 1.400 | 1.380 |
| 2 | EXCL | 2.290 | 2.300 | 2.350 | 2.410 | 2.360 | 2.360 | 2.330 | 2.300 | 2.290 | 2.240 |
| 3 | BRIS | 1.320 | 1.330 | 1.350 | 1.350 | 1.340 | 1.385 | 1.375 | 1.375 | 1.42 | 1.39 |
| 4 | BABP | 92 | 90 | 90 | 90 | 92 | 91 | 93 | 92 | 94 | 96 |
| 5 | BVIC | 103 | 101 | 102 | 102 | 103 | 102 | 103 | 104 | 107 | 109 |
| 6 | SMGR | 7.400 | 7.200 | 7.400 | 7.225 | 7.000 | 7.125 | 7.050 | 7.100 | 7.050 | 7.325 |
| 7 | BGTG | 86 | 88 | 87 | 86 | 87 | 87 | 89 | 92 | 91 | 91 |
| 8 | BNBA | 950 | 970 | 940 | 920 | 910 | 865 | 835 | 880 | 860 | 850 |
| 9 | VICO | 164 | 161 | 162 | 152 | 148 | 138 | 138 | 133 | 134 | 129 |
| 10 | MITI | 178 | 170 | 174 | 168 | 164 | 158 | 159 | 158 | 156 | 156 |
| 11 | BBYB | 650 | 655 | 650 | 650 | 630 | 645 | 655 | 655 | 650 | 610 |
| 12 | BNBA | 995 | 990 | 970 | 955 | 940 | 925 | 925 | 940 | 950 | 970 |
| 13 | IATA | 140 | 140 | 134 | 125 | 1.19 | 130 | 705 | 132 | 131 | 133 |
| 14 | SAME | 268 | 270 | 272 | 258 | 266 | 262 | 685 | 268 | 268 | 272 |
| 15 | ADHI | 525 | 520 | 525 | 520 | 515 | 482 | 486 | 505 | 505 | 500 |
| 16 | DNAR | 173 | 170 | 169 | 165 | 169 | 168 | 168 | 165 | 166 | 163 |
| 17 | WEHA | 114 | 113 | 112 | 111 | 113 | 113 | 111 | 110 | 109 | 127 |
| 18 | AHAP | 91 | 90 | 88 | 87 | 83 | 80 | 82 | 85 | 82 | 82 |
| 19 | PANI | 1.875 | 1.745 | 1.625 | 1.515 | 1.410 | 1.315 | 1.525 | 1.495 | 1.460 | 1.400 |
| 20 | KIOS | 422 | 424 | 432 | 428 | 448 | 446 | 430 | 434 | 436 | 428 |
| 21 | TAMA | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 22 | ESTA | 448 | 418 | 390 | 364 | 400 | 372 | 346 | 322 | 348 | 324 |
| 23 | JAST | 113 | 113 | 111 | 111 | 115 | 118 | 125 | 117 | 109 | 106 |
| 24 | MLPL | 216 | 212 | 198 | 198 | 198 | 194 | 188 | 200 | 196 | 199 |
| 25 | BJBR | 15.200 | 1.515 | 1.440 | 1.420 | 1.410 | 1.410 | 1.435 | 1.450 | 1.430 | 1.440 |
| 26 | BGTG | 198 | 199 | 198 | 193 | 193 | 193 | 194 | 193 | 182 | 176 |
| 27 | ABBA | 294 | 294 | 280 | 286 | 284 | 276 | 284 | 274 | 274 | 274 |
| 28 | BRMS | 136 | 135 | 139 | 139 | 138 | 132 | 136 | 138 | 137 | 139 |
| 29 | COCO | 288 | 290 | 288 | 292 | 290 | 296 | 306 | 304 | 308 | 314 |
| 30 | GSMF | 141 | 132 | 130 | 124 | 128 | 127 | 133 | 140 | 136 | 127 |
| 31 | MPPA | 350 | 326 | 304 | 300 | 292 | 284 | 266 | 254 | 280 | 262 |
| 32 | YELO | 157 | 80 | 154 | 155 | 161 | 157 | 149 | 152 | 149 | 147 |
| 33 | BEKS | 69 | 68 | 67 | 67 | 67 | 68 | 68 | 67 | 64 | 65 |
| 34 | SDRA | 640 | 640 | 635 | 625 | 630 | 620 | 620 | 620 | 620 | 620 |
| 35 | TIFA | 535 | 510 | 520 | 530 | 510 | 510 | 505 | 515 | 510 | 520 |
| 36 | SMCB | 1.950 | 1.935 | 1.930 | 1.935 | 1.930 | 1.915 | 1.895 | 1.950 | 1.940 | 1.935 |
| 37 | ARTO | 10.075 | 10.075 | 10.050 | 9.900 | 10.025 | 10.725 | 10.55 | 10.925 | 11.05 | 10.925 |
| 38 | IMAS | 735 | 995 | 780 | 940 | 700 | 675 | 945 | 695 | 980 | 1.005 |
| 39 | APLN | 108 | 105 | 111 | 108 | 103 | 520 | 104 | 98 | 104 | 101 |
| 40 | CITA | 2.000 | 1.950 | 1.950 | 1.950 | 1.950 | 1.950 | 1.950 | 1.950 | 1.950 | 1.950 |

Sumber : data olah 2023

**(Lanjutan)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Kode Emiten | Data Harga Saham | | | | | | | | | |
| t+21 | t+22 | t+23 | t+24 | t+25 | t+26 | t+27 | t+28 | t+29 | t+30 |
| 1 | BBTN | 1.360 | 1.365 | 1.350 | 1.385 | 1.365 | 1.370 | 1.385 | 1.370 | 1.380 | 1.375 |
| 2 | EXCL | 2.300 | 2.280 | 2.230 | 2.240 | 2.300 | 2.310 | 2.280 | 2.240 | 2.250 | 2.300 |
| 3 | BRIS | 1.380 | 1.335 | 1.345 | 1.350 | 1.360 | 1.315 | 1.330 | 1.335 | 1.315 | 1.325 |
| 4 | BABP | 92 | 91 | 92 | 94 | 94 | 94 | 93 | 104 | 101 | 101 |
| 5 | BVIC | 113 | 109 | 110 | 110 | 110 | 110 | 109 | 110 | 109 | 107 |
| 6 | SMGR | 7.275 | 7.225 | 7.400 | 7.325 | 7.325 | 7.275 | 7.250 | 7.250 | 7.225 | 7.325 |
| 7 | BGTG | 93 | 89 | 90 | 90 | 89 | 90 | 90 | 90 | 89 | 89 |
| 8 | BNBA | 890 | 880 | 870 | 900 | 910 | 935 | 965 | 955 | 935 | 935 |
| 9 | VICO | 126 | 129 | 129 | 126 | 127 | 129 | 128 | 132 | 132 | 133 |
| 10 | MITI | 157 | 159 | 160 | 160 | 160 | 161 | 161 | 162 | 162 | 163 |
| 11 | BBYB | 615 | 645 | 655 | 655 | 705 | 705 | 690 | 680 | 665 | 685 |
| 12 | BNBA | 940 | 920 | 865 | 835 | 910 | 880 | 860 | 850 | 890 | 880 |
| 13 | IATA | 131 | 126 | 124 | 123 | 120 | 123 | 120 | 120 | 120 | 126 |
| 14 | SAME | 274 | 274 | 282 | 294 | 312 | 310 | 310 | 324 | 320 | 320 |
| 15 | ADHI | 500 | 496 | 500 | 500 | 498 | 492 | 500 | 520 | 520 | 510 |
| 16 | DNAR | 165 | 164 | 163 | 159 | 159 | 156 | 160 | 155 | 165 | 166 |
| 17 | WEHA | 119 | 123 | 125 | 133 | 127 | 127 | 126 | 123 | 115 | 111 |
| 18 | AHAP | 86 | 83 | 84 | 83 | 82 | 81 | 79 | 76 | 78 | 77 |
| 19 | PANI | 1.305 | 1.220 | 1.240 | 1.230 | 1.145 | 1.070 | 1.015 | 945 | 915 | 1.020 |
| 20 | KIOS | 430 | 474 | 530 | 525 | 500 | 496 | 530 | 500 | 505 | 505 |
| 21 | TAMA | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 22 | ESTA | 302 | 282 | 264 | 246 | 230 | 214 | 200 | 200 | 202 | 218 |
| 23 | JAST | 109 | 108 | 107 | 110 | 108 | 114 | 112 | 108 | 107 | 105 |
| 24 | MLPL | 189 | 183 | 187 | 175 | 171 | 176 | 178 | 172 | 175 | 184 |
| 25 | BJBR | 1.445 | 1.455 | 1.460 | 1.465 | 1.460 | 1.475 | 1.435 | 1.435 | 1.430 | 1.415 |
| 26 | BGTG | 174 | 184 | 177 | 174 | 172 | 172 | 166 | 157 | 158 | 163 |
| 27 | ABBA | 256 | 240 | 244 | 244 | 240 | 232 | 230 | 222 | 208 | 196 |
| 28 | BRMS | 147 | 144 | 149 | 159 | 170 | 172 | 172 | 171 | 170 | 184 |
| 29 | COCO | 314 | 316 | 314 | 314 | 316 | 314 | 314 | 314 | 318 | 314 |
| 30 | GSMF | 120 | 122 | 124 | 125 | 126 | 132 | 130 | 132 | 136 | 143 |
| 31 | MPPA | 244 | 228 | 214 | 200 | 224 | 228 | 284 | 266 | 292 | 338 |
| 32 | YELO | 145 | 137 | 128 | 125 | 135 | 139 | 142 | 137 | 137 | 131 |
| 33 | BEKS | 64 | 65 | 65 | 64 | 64 | 64 | 64 | 64 | 63 | 63 |
| 34 | SDRA | 615 | 605 | 600 | 595 | 590 | 600 | 595 | 590 | 595 | 595 |
| 35 | TIFA | 520 | 515 | 525 | 520 | 525 | 625 | 675 | 700 | 700 | 670 |
| 36 | SMCB | 1.910 | 1.915 | 1.910 | 1.900 | 1.900 | 1.900 | 1.885 | 1.875 | 1.860 | 1.860 |
| 37 | ARTO | 11.075 | 10.800 | 10.775 | 10.600 | 10.350 | 9.950 | 10.025 | 10.475 | 10.375 | 10.150 |
| 38 | IMAS | 745 | 695 | 660 | 630 | 595 | 650 | 645 | 660 | 725 | 725 |
| 39 | APLN | 99 | 97 | 106 | 103 | 105 | 101 | 100 | 100 | 100 | 106 |
| 40 | CITA | 1.815 | 1.690 | 1.690 | 1.690 | 1.680 | 1.680 | 1.640 | 1.625 | 1.625 | 1.900 |

Sumber : data olah 2023

**Lampiran 6 Data IHSG (Indeks Harga Saham Gabungan)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Kode Emiten | IHSG | | | | | | | | | | |
| t-30 | t-29 | t-28 | t-27 | t-26 | t-25 | t-24 | t-23 | t-22 | t-21 | t-20 |
| 1 | BBTN | 7.082 | 7.063 | 7.031 | 7.054 | 7.081 | 7.053 | 7.017 | 7.012 | 7.081 | 7.021 | 7.020 |
| 2 | EXCL | 7.082 | 7.063 | 7.031 | 7.054 | 7.081 | 7.053 | 7.017 | 7.012 | 7.081 | 7.021 | 7.020 |
| 3 | BRIS | 7.045 | 7.082 | 7.063 | 7.031 | 7.054 | 7.081 | 7.053 | 7.017 | 7.012 | 7.081 | 7.021 |
| 4 | BABP | 7.045 | 7.082 | 7.063 | 7.031 | 7.054 | 7.081 | 7.053 | 7.017 | 7.012 | 7.081 | 7.021 |
| 5 | BVIC | 7.045 | 7.082 | 7.063 | 7.031 | 7.054 | 7.081 | 7.053 | 7.017 | 7.012 | 7.081 | 7.021 |
| 6 | SMGR | 7.014 | 7.045 | 7.082 | 7.063 | 7.031 | 7.054 | 7.081 | 7.053 | 7.017 | 7.012 | 7.081 |
| 7 | BGTG | 7.036 | 7.014 | 7.045 | 7.082 | 7.063 | 7.031 | 7.054 | 7.081 | 7.053 | 7.017 | 7.012 |
| 8 | BNBA | 7.102 | 7.050 | 7.070 | 6.967 | 7.089 | 7.019 | 7.036 | 7.014 | 7.045 | 7.082 | 7.063 |
| 9 | VICO | 7.035 | 7.046 | 7.102 | 7.050 | 7.070 | 6.967 | 7.089 | 7.019 | 7.036 | 7.014 | 7.045 |
| 10 | MITI | 7.016 | 7.035 | 7.046 | 7.102 | 7.050 | 7.070 | 6.967 | 7.089 | 7.019 | 7.036 | 7.014 |
| 11 | BBYB | 7.092 | 7.056 | 7.099 | 7.052 | 7.016 | 7.035 | 7.046 | 7.102 | 7.050 | 7.070 | 6.967 |
| 12 | BNBA | 7.044 | 7.092 | 7.056 | 7.099 | 7.052 | 7.016 | 7.035 | 7.046 | 7.102 | 7.050 | 7.070 |
| 13 | IATA | 6.994 | 6.939 | 6.909 | 6.881 | 6.815 | 6.831 | 6.834 | 6.860 | 6.981 | 7.018 | 7.053 |
| 14 | SAME | 7.041 | 7.010 | 7.072 | 7.075 | 7.077 | 7.027 | 6.994 | 6.939 | 6.909 | 6.881 | 6.831 |
| 15 | ADHI | 7.041 | 7.010 | 7.072 | 7.075 | 7.077 | 7.027 | 6.994 | 6.939 | 6.909 | 6.881 | 6.831 |
| 16 | DNAR | 7.188 | 7.219 | 7.179 | 7.128 | 7.112 | 7.077 | 7.036 | 7.041 | 7.010 | 7.072 | 7.075 |
| 17 | WEHA | 6.641 | 6.690 | 6.652 | 6.659 | 6.736 | 6.875 | 6.864 | 6.887 | 6.858 | 6.872 | 6.898 |
| 18 | AHAP | 6.641 | 6.690 | 6.652 | 6.659 | 6.736 | 6.875 | 6.864 | 6.887 | 6.858 | 6.872 | 6.898 |
| 19 | PANI | 6.722 | 6.718 | 6.641 | 6.690 | 6.652 | 6.659 | 6.736 | 6.875 | 6.864 | 6.887 | 6.858 |
| 20 | KIOS | 6.794 | 6.639 | 6.703 | 6.646 | 6.653 | 6.740 | 6.722 | 6.718 | 6.641 | 6.690 | 6.652 |
| 21 | TAMA | 6.914 | 6.884 | 7.026 | 7.038 | 7.149 | 7.149 | 7.183 | 7.097 | 7.141 | 7.193 | 7.183 |
| 22 | ESTA | 6.823 | 6.918 | 6.841 | 6.914 | 6.884 | 7.026 | 7.038 | 7.149 | 7.149 | 7.183 | 7.097 |
| 23 | JAST | 7.204 | 7.215 | 7.263 | 7.236 | 7.275 | 7.199 | 7.227 | 7.276 | 7.226 | 7.216 | 7.232 |
| 24 | MLPL | 6.808 | 6.850 | 6.835 | 6.893 | 6.903 | 6.862 | 6.920 | 6.818 | 6.888 | 6.921 | 6.868 |
| 25 | BJBR | 6.731 | 6.805 | 6.790 | 6.835 | 6.824 | 6.816 | 6.734 | 6.808 | 6.850 | 6.835 | 6.893 |
| 26 | BGTG | 6.611 | 6.646 | 6.631 | 6.708 | 6.684 | 6.731 | 6.805 | 6.790 | 6.835 | 6.824 | 6.816 |
| 27 | ABBA | 6.655 | 6.568 | 6.601 | 6.611 | 6.646 | 6.631 | 6.708 | 6.684 | 6.731 | 6.805 | 6.790 |
| 28 | BRMS | 6.608 | 6.534 | 6.508 | 6.584 | 6.539 | 6.547 | 6.603 | 6.604 | 6.644 | 6.653 | 6.663 |
| 29 | COCO | 6.616 | 6.651 | 6.676 | 6.636 | 6.720 | 6.723 | 6.678 | 6.683 | 6.699 | 6.562 | 6.608 |
| 30 | GSMF | 6.651 | 6.616 | 6.676 | 6.676 | 6.636 | 6.720 | 6.723 | 6.678 | 6.683 | 6.699 | 6.562 |
| 31 | MPPA | 6.691 | 6.651 | 6.616 | 6.651 | 6.676 | 6.636 | 6.720 | 6.723 | 6.678 | 6.683 | 6.699 |
| 32 | YELO | 6.537 | 6.626 | 6.633 | 6.659 | 6.656 | 6.633 | 6.644 | 6.626 | 6.657 | 6.602 | 6.524 |
| 33 | BEKS | 6.129 | 6.110 | 6.110 | 6.133 | 6.076 | 6.061 | 6.108 | 6.143 | 6.145 | 6.123 | 6.113 |
| 34 | SDRA | 6.095 | 6.088 | 6.129 | 6.110 | 6.110 | 6.133 | 6.076 | 6.061 | 6.108 | 6.143 | 6.145 |
| 35 | TIFA | 6.159 | 6.205 | 6.203 | 6.127 | 6.088 | 6.140 | 6.139 | 6.088 | 6.118 | 5.992 | 6.031 |
| 36 | SMCB | 6.079 | 6.068 | 6.007 | 5.996 | 6.088 | 6.035 | 6.012 | 6.022 | 5.939 | 5.949 | 5.985 |
| 37 | ARTO | 6.044 | 6.078 | 6.107 | 6.152 | 6.209 | 6.182 | 6.202 | 6.223 | 6.270 | 6.292 | 6.228 |
| 38 | IMAS | 4.974 | 4.989 | 4.987 | 5.076 | 5.053 | 5.031 | 5.064 | 5.079 | 5.076 | 5.098 | 5.080 |
| 39 | APLN | 5.954 | 5.913 | 5.872 | 5.867 | 5.868 | 5.887 | 5.929 | 5.942 | 5.882 | 5.807 | 5.787 |
| 40 | CITA | 6.226 | 6.274 | 6.275 | 6.297 | 6.325 | 6.283 | 6.286 | 6.292 | 6.245 | 6.238 | 6.233 |

Sumber : data olah 2023

**(Lanjutan)**

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| No. | kode Emiten | IHSG | | | | | | | | | |
| t-19 | t-18 | t-17 | t-16 | t-15 | t-14 | t-13 | t-12 | t-11 | t-10 |
| 1 | BBTN | 6.987 | 6.893 | 6.819 | 6.804 | 6.715 | 6.734 | 6.810 | 6.802 | 6.752 | 6.812 |
| 2 | EXCL | 6.987 | 6.893 | 6.819 | 6.804 | 6.715 | 6.734 | 6.810 | 6.802 | 6.752 | 6.812 |
| 3 | BRIS | 7.020 | 6.987 | 6.893 | 6.819 | 6.804 | 6.715 | 6.734 | 6.810 | 6.802 | 6.752 |
| 4 | BABP | 7.020 | 6.987 | 6.893 | 6.819 | 6.804 | 6.715 | 6.734 | 6.810 | 6.802 | 6.752 |
| 5 | BVIC | 7.020 | 6.987 | 6.893 | 6.819 | 6.804 | 6.715 | 6.734 | 6.810 | 6.802 | 6.752 |
| 6 | SMGR | 7.021 | 7.020 | 6.987 | 6.893 | 6.819 | 6.804 | 6.715 | 6.734 | 6.810 | 6.802 |
| 7 | BGTG | 7.081 | 7.021 | 7.020 | 6.987 | 6.893 | 6.819 | 6.804 | 6.715 | 6.734 | 6.810 |
| 8 | BNBA | 7.031 | 7.054 | 7.081 | 7.053 | 7.017 | 7.012 | 7.081 | 7.021 | 7.020 | 6.987 |
| 9 | VICO | 7.082 | 7.063 | 7.031 | 7.054 | 7.081 | 7.053 | 7.017 | 7.012 | 7.081 | 7.021 |
| 10 | MITI | 7.045 | 7.082 | 7.063 | 7.031 | 7.054 | 7.081 | 7.053 | 7.017 | 7.012 | 7.081 |
| 11 | BBYB | 7.089 | 7.019 | 7.036 | 7.014 | 7.045 | 7.082 | 7.063 | 7.031 | 7.054 | 7.081 |
| 12 | BNBA | 6.967 | 7.089 | 7.019 | 7.036 | 7.014 | 7.045 | 7.082 | 7.063 | 7.031 | 7.054 |
| 13 | IATA | 7.048 | 7.044 | 7.092 | 7.056 | 7.099 | 7.052 | 7.016 | 7.035 | 7.046 | 7.102 |
| 14 | SAME | 6.831 | 6.834 | 6.860 | 6.981 | 7.018 | 7.053 | 7.048 | 7.044 | 7.092 | 7.056 |
| 15 | ADHI | 6.831 | 6.834 | 6.860 | 6.981 | 7.018 | 7.053 | 7.048 | 7.044 | 7.092 | 7.056 |
| 16 | DNAR | 7.077 | 7.027 | 6.994 | 6.939 | 6.909 | 6.881 | 6.815 | 6.831 | 6.834 | 6.860 |
| 17 | WEHA | 6.957 | 6.951 | 6.969 | 6.988 | 7.047 | 7.085 | 7.085 | 7.087 | 7.103 | 7.086 |
| 18 | AHAP | 6.957 | 6.951 | 6.969 | 6.988 | 7.047 | 7.085 | 7.085 | 7.087 | 7.103 | 7.086 |
| 19 | PANI | 6.872 | 6.898 | 6.957 | 6.951 | 6.969 | 6.988 | 7.047 | 7.057 | 7.085 | 7.087 |
| 20 | KIOS | 6.659 | 6.736 | 6.875 | 6.864 | 6.887 | 6.858 | 6.872 | 6.898 | 6.957 | 6.951 |
| 21 | TAMA | 7.087 | 6.995 | 7.050 | 7.007 | 7.050 | 6.937 | 6.976 | 7.044 | 6.984 | 6.998 |
| 22 | ESTA | 7.141 | 7.193 | 7.183 | 7.087 | 6.995 | 7.050 | 7.007 | 7.050 | 6.937 | 6.793 |
| 23 | JAST | 7.197 | 7.229 | 6.910 | 6.820 | 6.816 | 6.600 | 6.598 | 6.644 | 6.793 | 6.823 |
| 24 | MLPL | 6.928 | 6.869 | 6.814 | 6.864 | 6.924 | 6.923 | 6.952 | 6.918 | 6.992 | 6.964 |
| 25 | BJBR | 6.903 | 6.862 | 6.920 | 6.818 | 6.888 | 6.921 | 6.868 | 6.928 | 6.869 | 6.814 |
| 26 | BGTG | 6.734 | 6.808 | 6.850 | 6.835 | 6.893 | 6.903 | 6.862 | 6.920 | 6.818 | 6.888 |
| 27 | ABBA | 6.835 | 6.824 | 6.816 | 6.734 | 6.808 | 6.850 | 6.835 | 6.893 | 6.903 | 6.862 |
| 28 | BRMS | 6.616 | 6.626 | 6.595 | 6.602 | 6.547 | 6.554 | 6.530 | 6.556 | 6.563 | 6.575 |
| 29 | COCO | 6.534 | 6.508 | 6.584 | 6.539 | 6.547 | 6.603 | 6.604 | 6.644 | 6.653 | 6.663 |
| 30 | GSMF | 6.608 | 6.534 | 6.508 | 6.584 | 6.539 | 6.547 | 6.603 | 6.604 | 6.644 | 6.653 |
| 31 | MPPA | 6.562 | 6.608 | 6.534 | 6.508 | 6.584 | 6.539 | 6.547 | 6.603 | 6.604 | 6.644 |
| 32 | YELO | 6.591 | 6.553 | 6.493 | 6.552 | 6.586 | 6.582 | 6.632 | 6.670 | 6.683 | 6.691 |
| 33 | BEKS | 6.163 | 6.287 | 6.229 | 6.343 | 6.288 | 6.417 | 6.416 | 6.482 | 6.460 | 6.486 |
| 34 | SDRA | 6.123 | 6.113 | 6.163 | 6.287 | 6.229 | 6.343 | 6.288 | 6.417 | 6.416 | 6.482 |
| 35 | TIFA | 6.110 | 6.090 | 6.113 | 6.041 | 6.041 | 6.145 | 6.150 | 6.091 | 6.078 | 6.127 |
| 36 | SMCB | 6.006 | 6.023 | 6.006 | 6.047 | 6.044 | 6.040 | 6.040 | 6.079 | 6.012 | 5.979 |
| 37 | ARTO | 6.200 | 6.232 | 6.255 | 6.273 | 6.251 | 6.290 | 6.242 | 6.339 | 6.359 | 6.377 |
| 38 | IMAS | 5.051 | 5.115 | 5.110 | 5.145 | 5.083 | 5.117 | 5.113 | 5.111 | 5.150 | 5.006 |
| 39 | APLN | 5.689 | 5.536 | 5.453 | 5.361 | 5.519 | 5.650 | 5.638 | 5.499 | 5.137 | 5.221 |
| 40 | CITA | 6.249 | 6.244 | 6.133 | 6.111 | 6.113 | 6.058 | 5.940 | 5.884 | 5.922 | 5.979 |

Sumber : data olah 2023

**(Lanjutan)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Kode Emiten | IHSG | | | | | | | | | |
| t-9 | t-8 | t-7 | t-6 | t-5 | t-4 | t-3 | t-2 | t-1 | t-0 |
| 1 | BBTN | 6.780 | 6.768 | 6.821 | 6.824 | 6.801 | 6.836 | 6.923 | 6.851 | 6.860 | 6.851 |
| 2 | EXCL | 6.780 | 6.768 | 6.821 | 6.824 | 6.801 | 6.836 | 6.923 | 6.851 | 6.860 | 6.851 |
| 3 | BRIS | 6.812 | 6.780 | 6.768 | 6.821 | 6.824 | 6.801 | 6.836 | 6.923 | 6.851 | 6.860 |
| 4 | BABP | 6.812 | 6.780 | 6.768 | 6.821 | 6.824 | 6.801 | 6.836 | 6.923 | 6.851 | 6.860 |
| 5 | BVIC | 6.812 | 6.780 | 6.768 | 6.821 | 6.824 | 6.801 | 6.836 | 6.923 | 6.851 | 6.860 |
| 6 | SMGR | 6.752 | 6.812 | 6.780 | 6.768 | 6.821 | 6.824 | 6.801 | 6.836 | 6.923 | 6.851 |
| 7 | BGTG | 6.802 | 6.752 | 6.812 | 6.780 | 6.768 | 6.821 | 6.824 | 6.801 | 6.836 | 6.923 |
| 8 | BNBA | 6.893 | 6.819 | 6.804 | 6.715 | 6.734 | 6.810 | 6.802 | 6.812 | 6.812 | 6.780 |
| 9 | VICO | 7.020 | 6.987 | 6.893 | 6.819 | 6.804 | 6.715 | 6.734 | 6.810 | 6.802 | 6.752 |
| 10 | MITI | 7.021 | 7.020 | 6.987 | 6.893 | 6.819 | 6.804 | 6.715 | 6.734 | 6.810 | 6.802 |
| 11 | BBYB | 7.053 | 7.017 | 7.012 | 7.081,31 | 7.021 | 7.020 | 6.987 | 6.893 | 6.819 | 6.804 |
| 12 | BNBA | 7.081 | 7.053 | 7.017 | 7.012 | 7.081 | 7.021 | 7.020 | 6.987 | 6.893 | 6.819 |
| 13 | IATA | 7.050 | 7.070 | 6.967 | 7.089 | 7.019 | 7.036 | 7.014 | 7.045 | 7.082 | 7.063 |
| 14 | SAME | 7.099 | 7.052 | 7.016 | 7.035 | 7.046 | 7.050 | 7.070 | 6.967 | 7.089 | 7.019 |
| 15 | ADHI | 7.099 | 7.052 | 7.016 | 7.035 | 7.046 | 7.050 | 7.070 | 6.967 | 7.089 | 7.019 |
| 16 | DNAR | 6.981 | 7.018 | 7.053 | 7.048 | 7.044 | 7.092 | 7.056 | 7.099 | 7.052 | 7.016 |
| 17 | WEHA | 7.160 | 7.129 | 7.093 | 7.133 | 7.187 | 7.172 | 7.108 | 7.163 | 7.195 | 7.174 |
| 18 | AHAP | 7.160 | 7.129 | 7.093 | 7.133 | 7.187 | 7.172 | 7.108 | 7.163 | 7.195 | 7.174 |
| 19 | PANI | 7.103 | 7.086 | 7.160 | 7.129 | 7.093 | 7.133 | 7.187 | 7.172 | 7.108 | 7.163 |
| 20 | KIOS | 6.969 | 6.988 | 7.047 | 7.057 | 7.085 | 7.087 | 7.103 | 7.086 | 7.160 | 7.129 |
| 21 | TAMA | 7.043 | 7.016 | 6.996 | 6.942 | 6.912 | 6.794 | 6.639 | 6.703 | 6.646 | 6.653 |
| 22 | ESTA | 6.823 | 6.918 | 6.998 | 7.043 | 7.016 | 6.942 | 6.912 | 6.794 | 6.639 | 6.703 |
| 23 | JAST | 6.918 | 6.841 | 6.914 | 6.884 | 7.026 | 7.038 | 7.149 | 7.149 | 7.183 | 7.097 |
| 24 | MLPL | 6.955 | 6.955 | 7.001 | 6.996 | 7.050 | 7.003 | 7.050 | 7.012 | 7.012 | 7.071 |
| 25 | BJBR | 6.864 | 6.924 | 6.923 | 6.952 | 6.918 | 6.992 | 6.964 | 6.955 | 6.955 | 7.001 |
| 26 | BGTG | 6.921 | 6.868 | 6.928 | 6.869 | 6.814 | 6.864 | 6.924 | 6.923 | 6.952 | 6.918 |
| 27 | ABBA | 6.920 | 6.818 | 6.888 | 6.921 | 6.868 | 6.928 | 6.869 | 6.814 | 6.864 | 6.924 |
| 28 | BRMS | 6.598 | 6.601 | 6.581 | 6.665 | 6.695 | 6.662 | 6.653 | 6.701 | 6.691 | 6.648 |
| 29 | COCO | 6.616 | 6.626 | 6.595 | 6.602 | 6.547 | 6.554 | 6.530 | 6.556 | 6.563 | 6.575 |
| 30 | GSMF | 6.663 | 6.616 | 6.626 | 6.595 | 6.602 | 6.547 | 6.554 | 6.530 | 6.556 | 6.563 |
| 31 | MPPA | 6.653 | 6.663 | 6.616 | 6.626 | 6.595 | 6.602 | 6.547 | 6.554 | 6.530 | 6.556 |
| 32 | YELO | 6.651 | 6.616 | 6.651 | 6.676 | 6.636 | 6.720 | 6.723 | 6.678 | 6.683 | 6.699 |
| 33 | BEKS | 6.537 | 6.626 | 6.633 | 6.659 | 6.656 | 6.633 | 6.644 | 6.626 | 6.626 | 6.602 |
| 34 | SDRA | 6.460 | 6.486 | 6.537 | 6.626 | 6.633 | 6.659 | 6.656 | 6.633 | 6.644 | 6.626 |
| 35 | TIFA | 6.127 | 6.112 | 6.026 | 6.068 | 6.095 | 6.088 | 6.129 | 6.110 | 6.110 | 6.133 |
| 36 | SMCB | 6.047 | 6.073 | 6.017 | 6.030 | 6.138 | 6.102 | 6.106 | 6.097 | 6.089 | 6.121 |
| 37 | ARTO | 6.291 | 6.259 | 6.248 | 6.200 | 6.265 | 6.358 | 6.324 | 6.310 | 6.277 | 6.348 |
| 38 | IMAS | 5.075 | 5.127 | 5.178 | 5.144 | 5.158 | 5.190 | 5.233 | 5.239 | 5.248 | 5.295 |
| 39 | APLN | 5.154 | 4.896 | 4.908 | 4.691 | 4.457 | 4.331 | 4.105 | 4.195 | 3.990 | 3.938 |
| 40 | CITA | 5.987 | 6.000 | 5.952 | 5.954 | 5.913 | 5.872 | 5.867 | 5.868 | 5.887 | 5.929 |

Sumber : data olah 2023

**(Lanjutan)**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Kode Emiten | IHSG | | | | | | | | | |
| t+1 | t+2 | t+3 | t+4 | t+5 | t+6 | t+7 | t+8 | t+9 | t+10 |
| 1 | BBTN | 6.851 | 6.889 | 6.813 | 6.654 | 6.685 | 6.688 | 6.623 | 6.584 | 6.630 | 6.642 |
| 2 | EXCL | 6.851 | 6.889 | 6.813 | 6.654 | 6.685 | 6.688 | 6.623 | 6.584 | 6.630 | 6.642 |
| 3 | BRIS | 6.851 | 6.851 | 6.889 | 6.813 | 6.654 | 6.685 | 6.688 | 6.623 | 6.584 | 6.630 |
| 4 | BABP | 6.851 | 6.851 | 6.889 | 6.813 | 6.654 | 6.685 | 6.688 | 6.623 | 6.584 | 6.630 |
| 5 | BVIC | 6.851 | 6.851 | 6.889 | 6.813 | 6.654 | 6.685 | 6.688 | 6.623 | 6.584 | 6.630 |
| 6 | SMGR | 6.860 | 6.851 | 6.851 | 6.889 | 6.813 | 6.654 | 6.685 | 6.688 | 6.623 | 6.584 |
| 7 | BGTG | 6.851 | 6.860 | 6.851 | 6.851 | 6.889 | 6.813 | 6.654 | 6.685 | 6.688 | 6.623 |
| 8 | BNBA | 6.768 | 6.821 | 6.824 | 6.801 | 6.836 | 6.923 | 6.851 | 6.860 | 6.851 | 6.851 |
| 9 | VICO | 6.812 | 6.768 | 6.821 | 6.824 | 6.801 | 6.836 | 6.923 | 6.851 | 6.860 | 6.851 |
| 10 | MITI | 6.752 | 6.812 | 6.780 | 6.768 | 6.821 | 6.824 | 6.801 | 6.836 | 6.923 | 6.851 |
| 11 | BBYB | 6.715 | 6.734 | 6.810 | 6.802 | 6.752 | 6.812 | 6.780 | 6.768 | 6.821 | 6.824 |
| 12 | BNBA | 6.804 | 6.715 | 6.734 | 6.810 | 6.802 | 6.752 | 6.812 | 6.780 | 6.768 | 6.821 |
| 13 | IATA | 7.031 | 7.031 | 7.081 | 7.053 | 7.017 | 7.012 | 7.081 | 7.021 | 7.020 | 6.987 |
| 14 | SAME | 7.036 | 7.014 | 7.045 | 7.082 | 7.063 | 7.031 | 7.054 | 7.081 | 7.053 | 7.017 |
| 15 | ADHI | 7.036 | 7.014 | 7.045 | 7.082 | 7.063 | 7.031 | 7.054 | 7.081 | 7.053 | 7.017 |
| 16 | DNAR | 7.035 | 7.046 | 7.102 | 7.050 | 7.070 | 6.967 | 7.089 | 7.019 | 7.036 | 7.014 |
| 17 | WEHA | 7.135 | 7.132 | 7.159 | 7.179 | 7.153 | 7.177 | 7.035 | 7.046 | 7.102 | 7.050 |
| 18 | AHAP | 7.135 | 7.132 | 7.159 | 7.179 | 7.153 | 7.177 | 7.035 | 7.046 | 7.102 | 7.050 |
| 19 | PANI | 7.195 | 7.174 | 7.135 | 7.132 | 7.132 | 7.159 | 7.179 | 7.153 | 7.177 | 7.232 |
| 20 | KIOS | 7.093 | 7.133 | 7.187 | 7.172 | 7.108 | 7.163 | 7.195 | 7.174 | 7.135 | 7.132 |
| 21 | TAMA | 6.740 | 6.722 | 6.718 | 6.641 | 6.690 | 6.652 | 6.659 | 6.659 | 6.875 | 6.864 |
| 22 | ESTA | 6.646 | 6.653 | 6.740 | 6.722 | 6.718 | 6.641 | 6.690 | 6.652 | 6.659 | 6.736 |
| 23 | JAST | 7.141 | 7.193 | 7.183 | 7.087 | 6.995 | 7.050 | 7.007 | 7.050 | 6.937 | 6.976 |
| 24 | MLPL | 7.079 | 7.116 | 7.127 | 7.104 | 7.104 | 7.127 | 7.211 | 7.204 | 7.215 | 7.263 |
| 25 | BJBR | 6.996 | 7.050 | 7.003 | 7.050 | 7.012 | 7.053 | 7.071 | 7.079 | 7.116 | 7.148 |
| 26 | BGTG | 6.992 | 6.964 | 6.955 | 6.955 | 7.001 | 6.996 | 7.050 | 7.003 | 7.050 | 7.012 |
| 27 | ABBA | 6.923 | 6.964 | 6.918 | 6.964 | 6.955 | 6.955 | 7.001 | 6.996 | 7.050 | 7.003 |
| 28 | BRMS | 6.647 | 6.658 | 6.693 | 6.645 | 6.614 | 6.592 | 6.627 | 6.726 | 6.655 | 6.568 |
| 29 | COCO | 6.598 | 6.601 | 6.581 | 6.665 | 6.695 | 6.662 | 6.653 | 6.701 | 6.691 | 6.648 |
| 30 | GSMF | 6.575 | 6.598 | 6.601 | 6.581 | 6.665 | 6.695 | 6.662 | 6.653 | 6.701 | 6.691 |
| 31 | MPPA | 6.563 | 6.575 | 6.598 | 6.601 | 6.581 | 6.665 | 6.695 | 6.662 | 6.653 | 6.701 |
| 32 | YELO | 6.562 | 6.608 | 6.534 | 6.534 | 6.584 | 6.539 | 6.547 | 6.603 | 6.604 | 6.644 |
| 33 | BEKS | 6.524 | 6.591 | 6.553 | 6.493 | 6.552 | 6.586 | 6.582 | 6.632 | 6.670 | 6.683 |
| 34 | SDRA | 6.626 | 6.602 | 6.524 | 6.591 | 6.553 | 6.493 | 6.552 | 6.586 | 6.582 | 6.632 |
| 35 | TIFA | 6.076 | 6.061 | 6.108 | 6.143 | 6.145 | 6.123 | 6.113 | 6.163 | 6.287 | 6.229 |
| 36 | SMCB | 6.070 | 6.097 | 6.131 | 6.159 | 6.205 | 6.203 | 6.127 | 6.088 | 6.140 | 6.139 |
| 37 | ARTO | 6.356 | 6.301 | 6.253 | 6.156 | 6.123 | 6.196 | 6.167 | 6.071 | 5.986 | 6.011 |
| 38 | IMAS | 5.273 | 5.277 | 5.339 | 5.340 | 5.371 | 5.347 | 5.238 | 5.311 | 5.312 | 5.281 |
| 39 | APLN | 4.339 | 4.546 | 4.415 | 4.539 | 4.466 | 4.532 | 4.623 | 4.812 | 4.779 | 4.627 |
| 40 | CITA | 5.942 | 5.882 | 5.807 | 5.787 | 5.689 | 5.536 | 5.453 | 5.361 | 5.519 | 5.650 |

Sumber : data olah 2023

**(Lanjutan)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Kode Emiten | IHSG | | | | | | | | | |
| t+11 | t+12 | t+13 | t+14 | t+15 | t+16 | t+17 | t+18 | t+19 | t+20 |
| 1 | BBTN | 6.688 | 6.767 | 6.766 | 6.820 | 6.875 | 6.861 | 6.830 | 6.865 | 6.899 | 6.872 |
| 2 | EXCL | 6.688 | 6.767 | 6.766 | 6.820 | 6.875 | 6.861 | 6.830 | 6.865 | 6.899 | 6.872 |
| 3 | BRIS | 6.642 | 6.688 | 6.767 | 6.766 | 6.820 | 6.875 | 6.861 | 6.830 | 6.865 | 6.899 |
| 4 | BABP | 6.642 | 6.688 | 6.767 | 6.766 | 6.820 | 6.875 | 6.861 | 6.830 | 6.865 | 6.899 |
| 5 | BVIC | 6.642 | 6.688 | 6.767 | 6.766 | 6.820 | 6.875 | 6.861 | 6.830 | 6.865 | 6.899 |
| 6 | SMGR | 6.630 | 6.642 | 6.688 | 6.767 | 6.766 | 6.820 | 6.875 | 6.861 | 6.830 | 6.865 |
| 7 | BGTG | 6.584 | 6.630 | 6.642 | 6.688 | 6.767 | 6.766 | 6.820 | 6.875 | 6.861 | 6.830 |
| 8 | BNBA | 6.889 | 6.813 | 6.654 | 6.685 | 6.688 | 6.623 | 6.584 | 6.630 | 6.642 | 6.688 |
| 9 | VICO | 6.851 | 6.889 | 6.813 | 6.654 | 6.685 | 6.688 | 6.623 | 6.584 | 6.630 | 6.642 |
| 10 | MITI | 6.860 | 6.851 | 6.851 | 6.889 | 6.813 | 6.654 | 6.685 | 6.688 | 6.623 | 6.584 |
| 11 | BBYB | 6.801 | 6.836 | 6.923 | 6.851 | 6.860 | 6.851 | 6.851 | 6.889 | 6.813 | 6.654 |
| 12 | BNBA | 6.824 | 6.801 | 6.836 | 6.923 | 6.851 | 6.860 | 6.851 | 6.851 | 6.889 | 6.813 |
| 13 | IATA | 6.893 | 6.819 | 6.804 | 6.715 | 6.734 | 6.810 | 6.802 | 6.752 | 6.812 | 6.780 |
| 14 | SAME | 7.012 | 7.081 | 7.021 | 7.020 | 6.987 | 6.893 | 6.819 | 6.804 | 6.715 | 6.734 |
| 15 | ADHI | 7.012 | 7.081 | 7.021 | 7.020 | 6.987 | 6.893 | 6.819 | 6.804 | 6.715 | 6.734 |
| 16 | DNAR | 7.045 | 7.082 | 7.063 | 7.031 | 7.054 | 7.081 | 7.053 | 7.017 | 7.012 | 7.081 |
| 17 | WEHA | 7.070 | 6.967 | 7.089 | 7.019 | 7.036 | 7.014 | 7.045 | 7.082 | 7.063 | 7.031 |
| 18 | AHAP | 7.070 | 6.967 | 7.089 | 7.019 | 7.036 | 7.014 | 7.045 | 7.082 | 7.063 | 7.031 |
| 19 | PANI | 7.233 | 7.187 | 7.232 | 7.243 | 7.254 | 7.318 | 7.278 | 7.306 | 7.169 | 7.195 |
| 20 | KIOS | 7.159 | 7.179 | 7.153 | 7.177 | 7.232 | 7.233 | 7.187 | 7.232 | 7.243 | 7.254 |
| 21 | TAMA | 6.887 | 6.858 | 6.872 | 6.898 | 6.957 | 6.951 | 6.969 | 6.988 | 7.047 | 7.057 |
| 22 | ESTA | 6.875 | 6.864 | 6.887 | 6.858 | 6.872 | 6.898 | 6.957 | 6.951 | 6.969 | 6.988 |
| 23 | JAST | 7.044 | 6.984 | 6.998 | 7.043 | 7.016 | 6.996 | 6.942 | 6.912 | 6.794 | 6.639 |
| 24 | MLPL | 7.236 | 7.275 | 7.199 | 7.227 | 7.276 | 7.226 | 7.216 | 7.232 | 7.197 | 7.229 |
| 25 | BJBR | 7.104 | 7.127 | 7.211 | 7.204 | 7.215 | 7.263 | 7.236 | 7.275 | 7.199 | 7.227 |
| 26 | BGTG | 7.053 | 7.071 | 7.079 | 7.116 | 7.148 | 7.104 | 7.127 | 7.211 | 7.204 | 7.215 |
| 27 | ABBA | 7.050 | 7.012 | 7.053 | 7.071 | 7.079 | 7.116 | 7.148 | 7.104 | 7.127 | 7.211 |
| 28 | BRMS | 6.601 | 6.611 | 6.646 | 6.631 | 6.708 | 6.684 | 6.731 | 6.805 | 6.790 | 6.835 |
| 29 | COCO | 6.647 | 6.658 | 6.693 | 6.645 | 6.614 | 6.592 | 6.627 | 6.726 | 6.655 | 6.568 |
| 30 | GSMF | 6.648 | 6.647 | 6.658 | 6.693 | 6.645 | 6.614 | 6.592 | 6.627 | 6.726 | 6.655 |
| 31 | MPPA | 6.691 | 6.648 | 6.647 | 6.658 | 6.693 | 6.645 | 6.614 | 6.592 | 6.627 | 6.726 |
| 32 | YELO | 6.653 | 6.663 | 6.616 | 6.626 | 6.595 | 6.595 | 6.547 | 6.554 | 6.530 | 6.556 |
| 33 | BEKS | 6.691 | 6.651 | 6.616 | 6.651 | 6.676 | 6.636 | 6.720 | 6.723 | 6.678 | 6.683 |
| 34 | SDRA | 6.670 | 6.683 | 6.691 | 6.651 | 6.616 | 6.651 | 6.676 | 6.636 | 6.720 | 6.723 |
| 35 | TIFA | 6.343 | 6.288 | 6.417 | 6.416 | 6.482 | 6.460 | 6.486 | 6.537 | 6.626 | 6.633 |
| 36 | SMCB | 6.088 | 6.118 | 5.992 | 6.031 | 6.110 | 6.090 | 6.113 | 6.058 | 6.041 | 6.145 |
| 37 | ARTO | 5.970 | 6.003 | 6.037 | 6.072 | 6.070 | 5.949 | 5.927 | 6.050 | 6.080 | 6.086 |
| 38 | IMAS | 5.240 | 5.230 | 5.244 | 5.149 | 4.891 | 5.017 | 5.162 | 5.101 | 5.058 | 5.038 |
| 39 | APLN | 4.649 | 4.624 | 4.706 | 4.626 | 4.481 | 4.635 | 4.576 | 4.502 | 4.568 | 4.594 |
| 40 | CITA | 5.638 | 5.499 | 5.137 | 5.221 | 5.154 | 4.896 | 4.908 | 4.691 | 4.457 | 4.331 |

Sumber : data olah 2023

**(Lanjutan)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Kode Emiten | IHSG | | | | | | | | | |
| t+21 | t+22 | t+23 | t+24 | t+25 | t+26 | t+27 | t+28 | t+29 | t+30 |
| 1 | BBTN | 6.839 | 6.862 | 6.891 | 6.912 | 6.874 | 6.935 | 6.940 | 6.897 | 6.880 | 6.900 |
| 2 | EXCL | 6.839 | 6.862 | 6.891 | 6.912 | 6.874 | 6.935 | 6.940 | 6.897 | 6.880 | 6.900 |
| 3 | BRIS | 6.872 | 6.839 | 6.862 | 6.891 | 6.912 | 6.874 | 6.935 | 6.940 | 6.897 | 6.880 |
| 4 | BABP | 6.872 | 6.839 | 6.862 | 6.891 | 6.912 | 6.874 | 6.935 | 6.940 | 6.897 | 6.880 |
| 5 | BVIC | 6.872 | 6.839 | 6.862 | 6.891 | 6.912 | 6.874 | 6.935 | 6.940 | 6.897 | 6.880 |
| 6 | SMGR | 6.899 | 6.872 | 6.839 | 6.862 | 6.891 | 6.912 | 6.874 | 6.935 | 6.940 | 6.897 |
| 7 | BGTG | 6.865 | 6.899 | 6.872 | 6.839 | 6.862 | 6.891 | 6.912 | 6.874 | 6.935 | 6.940 |
| 8 | BNBA | 6.767 | 6.766 | 6.820 | 6.875 | 6.861 | 6.830 | 6.865 | 6.899 | 6.872 | 6.839 |
| 9 | VICO | 6.688 | 6.767 | 6.766 | 6.820 | 6.875 | 6.861 | 6.830 | 6.865 | 6.899 | 6.872 |
| 10 | MITI | 6.630 | 6.642 | 6.688 | 6.767 | 6.766 | 6.820 | 6.875 | 6.861 | 6.830 | 6.865 |
| 11 | BBYB | 6.685 | 6.688 | 6.623 | 6.584 | 6.630 | 6.642 | 6.688 | 6.767 | 6.766 | 6.820 |
| 12 | BNBA | 6.654 | 6.685 | 6.688 | 6.623 | 6.584 | 6.630 | 6.642 | 6.688 | 6.767 | 6.766 |
| 13 | IATA | 6.768 | 6.768 | 6.824 | 6.801 | 6.836 | 6.923 | 6.851 | 6.860 | 6.851 | 6.851 |
| 14 | SAME | 6.810 | 6.802 | 6.752 | 6.812 | 6.780 | 6.768 | 6.821 | 6.824 | 6.801 | 6.836 |
| 15 | ADHI | 6.810 | 6.802 | 6.752 | 6.812 | 6.780 | 6.768 | 6.821 | 6.824 | 6.801 | 6.836 |
| 16 | DNAR | 7.021 | 7.020 | 6.987 | 6.893 | 6.819 | 6.804 | 6.715 | 6.734 | 6.810 | 6.802 |
| 17 | WEHA | 7.054 | 7.081 | 7.053 | 7.017 | 7.012 | 7.081 | 7.021 | 7.020 | 6.987 | 6.893 |
| 18 | AHAP | 7.054 | 7.081 | 7.053 | 7.017 | 7.012 | 7.081 | 7.021 | 7.020 | 6.987 | 6.893 |
| 19 | PANI | 7.197 | 7.188 | 7.219 | 7.179 | 7.128 | 7.112 | 7.077 | 7.036 | 7.041 | 7.021 |
| 20 | KIOS | 7.318 | 7.278 | 7.306 | 7.169 | 7.195 | 7.197 | 7.188 | 7.219 | 7.179 | 7.081 |
| 21 | TAMA | 7.085 | 7.087 | 7.103 | 7.086 | 7.160 | 7.129 | 7.093 | 7.133 | 7.187 | 7.172 |
| 22 | ESTA | 7.047 | 7.057 | 7.085 | 7.087 | 7.103 | 7.086 | 7.160 | 7.129 | 7.093 | 7.133 |
| 23 | JAST | 6.703 | 6.646 | 6.653 | 6.740 | 6.722 | 6.718 | 6.641 | 6.690 | 6.652 | 6.659 |
| 24 | MLPL | 6.910 | 6.820 | 6.816 | 6.600 | 6.598 | 6.644 | 6.793 | 6.823 | 6.918 | 6.841 |
| 25 | BJBR | 7.276 | 7.226 | 7.216 | 7.232 | 7.197 | 7.229 | 6.910 | 6.820 | 6.816 | 6.600 |
| 26 | BGTG | 7.263 | 7.236 | 7.275 | 7.199 | 7.227 | 7.276 | 7.226 | 7.216 | 7.232 | 7.197 |
| 27 | ABBA | 7.204 | 7.215 | 7.263 | 7.236 | 7.275 | 7.199 | 7.227 | 7.276 | 7.226 | 7.216 |
| 28 | BRMS | 6.824 | 6.816 | 6.734 | 6.808 | 6.850 | 6.835 | 6.893 | 6.903 | 6.862 | 7.216 |
| 29 | COCO | 6.601 | 6.611 | 6.646 | 6.631 | 6.708 | 6.684 | 6.731 | 6.805 | 6.790 | 6.835 |
| 30 | GSMF | 6.568 | 6.601 | 6.611 | 6.646 | 6.631 | 6.708 | 6.684 | 6.731 | 6.805 | 6.790 |
| 31 | MPPA | 6.655 | 6.568 | 6.601 | 6.611 | 6.646 | 6.631 | 6.708 | 6.684 | 6.731 | 6.805 |
| 32 | YELO | 6.563 | 6.575 | 6.598 | 6.601 | 6.581 | 6.665 | 6.695 | 6.662 | 6.653 | 6.701 |
| 33 | BEKS | 6.699 | 6.562 | 6.608 | 6.534 | 6.508 | 6.584 | 6.539 | 6.547 | 6.603 | 6.604 |
| 34 | SDRA | 6.678 | 6.683 | 6.699 | 6.562 | 6.608 | 6.534 | 6.508 | 6.584 | 6.539 | 6.547 |
| 35 | TIFA | 6.659 | 6.656 | 6.633 | 6.644 | 6.626 | 6.657 | 6.602 | 6.524 | 6.591 | 6.553 |
| 36 | SMCB | 6.150 | 6.091 | 6.078 | 6.127 | 6.127 | 6.112 | 6.026 | 6.068 | 6.095 | 6.088 |
| 37 | ARTO | 6.053 | 6.038 | 5.993 | 5.994 | 6.017 | 5.965 | 5.960 | 5.974 | 6.013 | 5.996 |
| 38 | IMAS | 5.059 | 4.999 | 4.934 | 4.918 | 4.843 | 4.946 | 4.907 | 4.879 | 4.870 | 4.970 |
| 39 | APLN | 4.496 | 4.513 | 4.530 | 4.567 | 4.716 | 4.605 | 4.605 | 4.609 | 4.597 | 4.639 |
| 40 | CITA | 4.105 | 4.195 | 3.990 | 3.938 | 4.339 | 4.546 | 4.415 | 4.539 | 4.466 | 4.532 |

Sumber : data olah 2023

**Lampiran 7 Data Volume Penjualan**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Kode Emiten | Volume Penjualan | | | | | | | | | | |
| t-30 | t-29 | t-28 | t-27 | t-26 | t-25 | t-24 | t-23 | t-22 | t-21 | t-20 |
| 1 | BBTN | 3.910.400 | 6.002.200 | 4.697.700 | 4.419.000 | 4.663.000 | 6.869.900 | 7.640.700 | 8.560.000 | 37.096.000 | 23.887.100 | 14.545.100 |
| 2 | EXCL | 6.270.100 | 4.621.700 | 7.665.200 | 3.057.300 | 9.308.100 | 21.331.200 | 9.716.300 | 12.122.200 | 10.562.900 | 18.273.500 | 22.755.200 |
| 3 | BRIS | 4.485.700 | 7.227.000 | 2.281.400 | 2.451.800 | 6.458.900 | 4.015.300 | 2.659.500 | 4.655.500 | 6.867.800 | 4.530.400 | 4.881.600 |
| 4 | BABP | 55.010.500 | 56.217.000 | 77.176.700 | 35.791.200 | 595.568.400 | 156.200.700 | 239.935.300 | 154.895.700 | 115.412.200 | 84.602.600 | 134.159.500 |
| 5 | BVIC | 12.780.100 | 4.698.800 | 5.276.300 | 6.188.600 | 30.190.100 | 7.807.700 | 6.314.700 | 5.183.500 | 6.730.400 | 25.566.300 | 12.273.600 |
| 6 | SMGR | 18.580.700 | 6.646.000 | 6.142.200 | 4.451.800 | 3.450.800 | 5.354.700 | 5.471.400 | 6.735.700 | 6.285.700 | 4.007.300 | 17.344.000 |
| 7 | BGTG | 42.428.000 | 16.129.000 | 5.823.700 | 11.825.800 | 40.115.900 | 11.901.100 | 16.171.100 | 10.531.800 | 10.983.800 | 12.865.600 | 18.580.900 |
| 8 | BNBA | 204 | 215 | 572 | 296 | 510 | 473 | 249 | 303 | 122 | 259 | 1.849.400 |
| 9 | VICO | 20.443.100 | 10.357.500 | 7.819.500 | 4.207.400 | 2.972.900 | 1.299.400 | 4.124.700 | 46.805.900 | 17.680.600 | 31.749.500 | 11.563.100 |
| 10 | MITI | 2.225.400 | 2.225.400 | 1.171.700 | 1.580.000 | 1.705.100 | 4.569.200 | 1.858.400 | 861 | 1.098.800 | 489 | 501 |
| 11 | BBYB | 65.640.100 | 43.710.100 | 29.327.300 | 49.485.900 | 37.209.700 | 39.748.800 | 11.513.800 | 61.418.600 | 29.627.300 | 106.737.400 | 47.202.000 |
| 12 | BNBA | 277 | 931 | 636 | 245 | 213 | 321 | 133 | 295 | 204 | 215 | 572 |
| 13 | IATA | 31.140.000 | 52.170.400 | 45.934.600 | 49.934.300 | 19.871.600 | 27.190.400 | 377.785.400 | 281.942.700 | 164.226.200 | 115.129.600 | 257.573.400 |
| 14 | SAME | 21.560.000 | 5.348.800 | 5.403.900 | 12.185.000 | 8.600.900 | 5.374.600 | 7.550.000 | 4.119.100 | 6.363.700 | 8.986.000 | 1.296.100 |
| 15 | ADHI | 12.487.900 | 5.575.700 | 2.327.900 | 7.568.200 | 10.486.100 | 3.018.700 | 4.509.300 | 4.097.700 | 5.648.100 | 2.333.800 | 7.829.300 |
| 16 | DNAR | 1.683.400 | 909 | 1.579.200 | 749 | 531 | 378 | 1.140.900 | 1.179.600 | 987 | 2.907.700 | 541 |
| 17 | WEHA | 13.073.100 | 5.778.100 | 18.226.600 | 30.878.000 | 17.688.500 | 40.170.700 | 43.970.200 | 23.325.200 | 12.384.000 | 14.205.000 | 10.649.600 |
| 18 | AHAP | 7.243.000 | 1.918.200 | 3.847.600 | 6.975.000 | 7.306.000 | 135.460.200 | 54.849.300 | 94.848.000 | 141.260.600 | 48.335.100 | 70.461.900 |
| 19 | PANI | 433 | 123 | 115 | 91 | 484 | 0 | 616 | 534 | 0 | 0 | 0 |
| 20 | KIOS | 1.470.100 | 1.554.100 | 1.410.900 | 50.504.300 | 121.918.900 | 5.799.500 | 4.274.100 | 10.878.200 | 4.245.000 | 2.801.300 | 18.454.400 |
| 21 | TAMA | 2.727.300 | 2.271.700 | 1.629.900 | 2.979.300 | 1.711.800 | 2.223.200 | 2.041.900 | 21.746.400 | 9.713.400 | 6.059.200 | 5.961.400 |
| 22 | ESTA | 1.190.300 | 1.739.300 | 0 | 1.272.400 | 2.380.700 | 1.652.200 | 2.350.800 | 3.814.800 | 4.614.200 | 3.494.300 | 2.734.100 |
| 23 | JAST | 10.026.800 | 5.783.500 | 6.760.500 | 6.507.100 | 4.117.800 | 13.356.800 | 27.907.600 | 17.143.500 | 32.523.700 | 8.156.500 | 7.815.300 |
| 24 | MLPL | 120.807.900 | 151.736.900 | 66.512.500 | 90.353.200 | 125.959.400 | 258.862.300 | 73.645.300 | 118.201.400 | 100.741.200 | 69.434.100 | 66.421.400 |
| 25 | BJBR | 5.432.500 | 4.943.400 | 6.509.600 | 3.853.400 | 3.635.300 | 5.969.100 | 5.468.800 | 3.476.300 | 3.452.500 | 2.079.000 | 2.363.800 |
| 26 | BGTG | 73.950.500 | 55.732.300 | 108.613.000 | 130.909.700 | 82.098.500 | 182.645.100 | 401.904.300 | 571.650.400 | 520.459.200 | 180.552.600 | 248.223.500 |
| 27 | ABBA | 26.357.900 | 17.501.300 | 10.433.400 | 25.437.700 | 31.747.100 | 15.174.900 | 10.476.800 | 34.695.600 | 12.953.300 | 29.016.700 | 7.248.400 |
| 28 | BRMS | 143.945.100 | 435.771.000 | 255.434.500 | 262.556.800 | 140.769.600 | 268.742.300 | 187.619.500 | 411.215.300 | 601.775.500 | 172.076.000 | 271.707.000 |
| 29 | COCO | 4.393.000 | 31.768.400 | 93.766.400 | 84.222.400 | 31.834.900 | 20.741.500 | 8.099.500 | 5.761.300 | 4.059.800 | 25.586.600 | 11.446.900 |
| 30 | GSMF | 251 | 1.062.400 | 290 | 710 | 329 | 4.547.400 | 20.053.500 | 25.018.900 | 4.335.200 | 19.868.600 | 11.414.800 |
| 31 | MPPA | 98.894.500 | 41.237.200 | 38.538.400 | 50.001.600 | 157.138.700 | 108.950.300 | 57.257.000 | 31.123.100 | 39.427.900 | 105.863.500 | 77.346.900 |
| 32 | YELO | 13.117.100 | 7.912.800 | 92.878.000 | 28.328.100 | 32.617.100 | 17.174.400 | 16.984.800 | 18.640.600 | 10.544.400 | 45.145.300 | 62.365.900 |
| 33 | BEKS | 41.913.900 | 308.034.100 | 104.754.600 | 178.728.600 | 60.277.300 | 79.088.000 | 75.795.300 | 78.415.200 | 70.526.900 | 267.044.200 | 98.884.500 |
| 34 | SDRA | 219 | 507 | 566 | 537 | 315 | 221 | 146 | 58 | 2.476.000 | 1.808.000 | 1.956.700 |
| 35 | TIFA | 13 | 11 | 11 | 5 | 13 | 5 | 400 | 0 | 2 | 2 | 100 |
| 36 | SMCB | 130 | 60 | 48 | 74 | 82 | 162 | 36 | 53 | 73 | 2.122.500 | 610 |
| 37 | ARTO | 3.474.800 | 2.291.500 | 3.525.400 | 3.359.800 | 6.969.100 | 2.225.900 | 3.808.300 | 3.021.300 | 7.472.900 | 2.458.200 | 9.158.400 |
| 38 | IMAS | 12.254.800 | 1.537.100 | 2.615.500 | 2.553.900 | 3.479.400 | 1.022.800 | 1.025.000 | 921 | 22.894.600 | 6.710.000 | 1.385.300 |
| 39 | APLN | 1.618.000 | 4.237.000 | 4.658.700 | 5.267.400 | 4.236.100 | 14.536.000 | 14.294.000 | 7.084.000 | 3.938.800 | 5.392.200 | 3.600.400 |
| 40 | CITA | 16 | 19 | 42 | 74 | 3 | 100 | 3 | 5 | 5 | 5 | 0 |

Sumber : data olah 2023

**(Lanjutan)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | kode Emiten | Volume Penjualan | | | | | | | | | |
| t-19 | t-18 | t-17 | t-16 | t-15 | t-14 | t-13 | t-12 | t-11 | t-10 |
| 1 | BBTN | 35.164.600 | 33.101.200 | 10.760.000 | 17.426.100 | 24.501.600 | 11.729.500 | 14.548.000 | 8.375.900 | 11.353.200 | 16.761.900 |
| 2 | EXCL | 28.478.000 | 20.702.200 | 16.808.000 | 25.732.000 | 31.483.100 | 27.467.300 | 29.500.100 | 20.031.500 | 9.798.600 | 16.370.500 |
| 3 | BRIS | 4.973.300 | 3.674.500 | 5.376.100 | 3.826.300 | 23.152.900 | 8.014.100 | 8.131.200 | 20.326.100 | 21.420.700 | 6.960.800 |
| 4 | BABP | 58.401.200 | 109.546.900 | 36.943.900 | 115.110.300 | 42.924.900 | 46.743.100 | 28.125.000 | 43.505.400 | 48.228.400 | 21.770.600 |
| 5 | BVIC | 8.685.800 | 12.020.800 | 10.500.300 | 6.382.800 | 4.071.200 | 2.490.100 | 5.605.400 | 4.019.200 | 3.354.700 | 12.265.200 |
| 6 | SMGR | 11.597.100 | 4.962.700 | 5.689.400 | 12.911.800 | 14.912.100 | 11.256.600 | 11.602.300 | 17.913.500 | 13.118.500 | 8.383.500 |
| 7 | BGTG | 12.184.100 | 24.027.700 | 14.643.100 | 14.281.200 | 18.430.100 | 10.531.800 | 16.492.100 | 4.741.300 | 3.274.000 | 19.882.200 |
| 8 | BNBA | 776 | 2.808.000 | 1.594.900 | 294 | 1.174.800 | 5.241.900 | 3.090.900 | 1.274.000 | 1.305.400 | 1.280.100 |
| 9 | VICO | 4.397.600 | 4.281.300 | 2.666.800 | 7.945.100 | 2.748.500 | 6.013.800 | 7.841.800 | 3.039.200 | 2.041.400 | 3.207.100 |
| 10 | MITI | 261 | 721 | 713 | 315 | 270 | 258 | 142 | 898 | 816 | 294 |
| 11 | BBYB | 148.369.700 | 67.048.700 | 83.217.100 | 111.769.600 | 99.590.500 | 134.511.100 | 72.021.500 | 46.248.800 | 157.172.000 | 68.700.000 |
| 12 | BNBA | 296 | 510 | 473 | 249 | 303 | 122 | 259 | 1.849.400 | 776 | 2.808.000 |
| 13 | IATA | 179.750.300 | 75.745.200 | 48.740.100 | 56.749.700 | 60.972.200 | 46.712.800 | 37.277.700 | 27.502.700 | 57.629.000 | 21.980.000 |
| 14 | SAME | 4.317.700 | 3.607.600 | 2.945.900 | 1.816.300 | 1.478.100 | 5.809.100 | 11.030.000 | 9.636.900 | 3.118.600 | 2.212.300 |
| 15 | ADHI | 8.824.300 | 33.168.700 | 37.841.300 | 18.569.600 | 24.095.900 | 14.666.900 | 28.248.700 | 24.389.300 | 47.726.500 | 72.428.900 |
| 16 | DNAR | 1.298.900 | 2.597.000 | 1.331.100 | 8.111.700 | 8.182.100 | 2.633.200 | 1.501.000 | 1.560.400 | 953 | 6.878.700 |
| 17 | WEHA | 9.798.900 | 7.612.000 | 23.377.400 | 5.455.100 | 7.700.000 | 10.440.300 | 10.060.000 | 14.154.400 | 11.593.400 | 3.686.000 |
| 18 | AHAP | 12.972.800 | 2.723.100 | 54.860.300 | 138.527.200 | 13.632.000 | 13.171.300 | 19.750.900 | 36.977.000 | 7.895.300 | 8.856.700 |
| 19 | PANI | 0 | 0 | 0 | 210 | 172 | 1.395.100 | 334 | 744 | 108 | 2.103.100 |
| 20 | KIOS | 8.469.600 | 159.571.000 | 127.332.000 | 8.111.200 | 5.369.200 | 8.989.700 | 7.243.000 | 44.965.200 | 107.485.700 | 12.171.500 |
| 21 | TAMA | 5.787.900 | 3.644.700 | 1.883.500 | 18.169.800 | 5.383.400 | 7.885.700 | 1.169.400 | 4.767.200 | 1.829.000 | 1.402.200 |
| 22 | ESTA | 4.116.100 | 4.569.500 | 8.022.500 | 19.185.200 | 7.443.200 | 1.504.000 | 28.066.800 | 23.527.000 | 19.842.000 | 2.565.100 |
| 23 | JAST | 5.808.400 | 3.537.000 | 14.260.700 | 14.261.300 | 12.875.100 | 12.853.000 | 16.143.300 | 6.303.800 | 6.210.100 | 10.762.300 |
| 24 | MLPL | 72.106.200 | 72.396.600 | 440.174.600 | 70.377.200 | 404.673.500 | 467.989.000 | 207.379.900 | 113.231.100 | 63.823.800 | 443.557.000 |
| 25 | BJBR | 2.692.500 | 1.903.500 | 8.235.700 | 13.566.200 | 6.874.900 | 4.639.700 | 12.033.700 | 14.336.600 | 8.273.200 | 7.543.400 |
| 26 | BGTG | 103.738.000 | 339.270.600 | 446.621.200 | 252.070.800 | 263.962.300 | 293.454.600 | 284.891.700 | 328.134.500 | 149.093.700 | 68.051.200 |
| 27 | ABBA | 5.162.500 | 78.213.600 | 171.928.700 | 65.984.200 | 266.983.400 | 104.290.800 | 111.482.200 | 164.910.300 | 46.564.500 | 17.764.900 |
| 28 | BRMS | 1.238.437.400 | 2.162.294.600 | 1.480.516.300 | 989.120.900 | 515.416.400 | 425.124.100 | 675.110.000 | 416.991.100 | 267.726.400 | 193.182.600 |
| 29 | COCO | 7.055.000 | 255.434.500 | 17.681.000 | 12.385.500 | 5.428.700 | 7.750.000 | 10.682.900 | 9.082.000 | 3.247.600 | 16.893.300 |
| 30 | GSMF | 11.475.600 | 19.599.700 | 4.948.500 | 4.956.000 | 17.175.400 | 37.133.400 | 8.042.200 | 20.242.000 | 9.411.200 | 3.112.900 |
| 31 | MPPA | 112.331.900 | 164.370.900 | 290.799.600 | 537.610.200 | 170.190.100 | 95.521.700 | 72.512.600 | 104.177.700 | 115.344.800 | 168.174.300 |
| 32 | YELO | 19.355.100 | 39.465.600 | 15.221.400 | 54.502.100 | 11.545.100 | 14.729.700 | 50.625.100 | 10.786.400 | 4.320.800 | 104.378.800 |
| 33 | BEKS | 115.894.300 | 70.020.900 | 84.450.800 | 56.388.600 | 287.244.000 | 350.261.400 | 269.597.300 | 166.613.700 | 364.339.200 | 299.698.400 |
| 34 | SDRA | 3.992.200 | 1.713.900 | 3.096.300 | 714 | 783 | 835 | 723 | 399 | 619 | 453 |
| 35 | TIFA | 6 | 7 | 7 | 200 | 0 | 168 | 145 | 547 | 797 | 1.344.300 |
| 36 | SMCB | 185 | 1.699.000 | 1.919.100 | 407 | 885 | 299 | 495 | 473 | 265 | 528 |
| 37 | ARTO | 6.010.700 | 10.110.900 | 24.643.200 | 14.605.600 | 25.346.800 | 6.783.100 | 7.733.900 | 4.538.700 | 6.336.200 | 11.628.700 |
| 38 | IMAS | 2.023.700 | 29.089.800 | 10.625.500 | 3.145.400 | 7.618.200 | 6.203.200 | 5.790.400 | 2.223.500 | 1.990.700 | 4.322.100 |
| 39 | APLN | 7.246.500 | 14.734.300 | 20.279.200 | 32.509.500 | 19.170.100 | 38.085.500 | 22.970.900 | 10.316.500 | 10.419.400 | 5.882.300 |
| 40 | CITA | 0 | 0 | 200 | 5 | 100 | 63 | 31 | 79 | 187 | 52 |

Sumber : data olah 2023

**(Lanjutan)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Kode Emiten | Volume Penjualan | | | | | | | | | |
| t-9 | t-8 | t-7 | t-6 | t-5 | t-4 | t-3 | t-2 | t-1 | t-0 |
| 1 | BBTN | 9.678.100 | 7.243.400 | 24.710.800 | 31.282.400 | 17.067.900 | 9.988.100 | 24.591.700 | 42.582.700 | 27.404.400 | 67.788.200 |
| 2 | EXCL | 13.999.500 | 16.154.800 | 11.443.600 | 40.902.900 | 18.530.800 | 7.821.100 | 33.185.500 | 14.880.000 | 14.047.000 | 47.003.900 |
| 3 | BRIS | 11.916.500 | 33.102.900 | 29.498.400 | 62.955.800 | 69.739.200 | 64.479.300 | 78.614.800 | 58.135.300 | 35.357.400 | 11.082.200 |
| 4 | BABP | 19.196.800 | 32.172.400 | 22.827.900 | 21.255.700 | 22.052.500 | 37.590.700 | 25.993.400 | 28.113.600 | 29.863.600 | 87.592.600 |
| 5 | BVIC | 7.038.600 | 3.681.100 | 11.683.900 | 7.941.100 | 5.432.700 | 4.047.600 | 1.931.000 | 1.811.800 | 10.784.400 | 15.340.800 |
| 6 | SMGR | 10.572.500 | 24.792.400 | 3.681.100 | 11.323.200 | 10.107.800 | 13.642.300 | 9.382.500 | 5.066.500 | 22.221.000 | 9.125.300 |
| 7 | BGTG | 13.444.600 | 6.535.900 | 4.384.400 | 7.881.200 | 13.428.600 | 18.241.500 | 6.827.500 | 2.572.300 | 4.823.100 | 15.085.900 |
| 8 | BNBA | 460 | 1.742.100 | 1.320.100 | 1.025.600 | 270 | 245.000 | 443.300 | 433.800 | 761.800 | 1.623.200 |
| 9 | VICO | 1.549.400 | 2.480.500 | 1.357.000 | 2.251.900 | 1.784.000 | 370.600 | 357.700 | 687.700 | 443.300 | 228.800 |
| 10 | MITI | 1.199.800 | 1.853.200 | 741 | 842.100 | 529 | 782 | 273.300 | 3.959.100 | 1.490.700 | 348.000 |
| 11 | BBYB | 112.075.800 | 56.375.800 | 217.720.700 | 188.045.600 | 179.750.900 | 104.363.700 | 88.121.200 | 65.352.500 | 104.237.900 | 16.293.100 |
| 12 | BNBA | 1.594.900 | 294 | 1.174.800 | 5.241.900 | 3.090.900 | 1.274.000 | 1.305.400 | 1.280.100 | 459.700 | 1.025.600 |
| 13 | IATA | 21.499.900 | 41.669.100 | 24.323.900 | 21.816.800 | 12.074.900 | 67.433.600 | 16.019.600 | 10.826.200 | 38.073.900 | 67.942.500 |
| 14 | SAME | 2.532.100 | 2.343.500 | 7.707.400 | 4.845.300 | 3.523.900 | 1.460.900 | 4.540.200 | 2.732.000 | 1.848.800 | 1.220.600 |
| 15 | ADHI | 36.832.900 | 49.404.700 | 68.916.000 | 38.774.600 | 23.983.100 | 131.389.000 | 125.980.100 | 132.115.200 | 66.274.900 | 20.980.600 |
| 16 | DNAR | 1.359.200 | 2.496.000 | 2.509.800 | 3.504.300 | 1.665.600 | 828 | 616.700 | 598.600 | 829.700 | 1.131.500 |
| 17 | WEHA | 14.508.000 | 6.359.700 | 11.856.800 | 26.353.600 | 10.721.300 | 36.371.900 | 2.151.700 | 2.982.700 | 29.272.500 | 12.703.000 |
| 18 | AHAP | 92.388.500 | 126.193.900 | 113.754.600 | 134.486.300 | 58.587.700 | 77.245.900 | 231.981.200 | 168.695.900 | 382.453.100 | 78.702.900 |
| 19 | PANI | 64 | 410 | 2.139.600 | 12.794.800 | 877 | 340 | 69.594.800 | 16.190.800 | 11.860.800 | 3.274.400 |
| 20 | KIOS | 17.091.500 | 112.627.900 | 3.501.800 | 21.416.100 | 95.592.900 | 52.469.100 | 80.756.200 | 43.436.200 | 119.682.200 | 33.068.700 |
| 21 | TAMA | 386 | 96 | 92 | 273.600 | 3 | 154 | 46.400 | 64.700 | 5.500 | 39.700 |
| 22 | ESTA | 2.585.600 | 15.075.800 | 12.118.700 | 13.804.900 | 12.625.200 | 49.990.900 | 50.304.400 | 30.546.700 | 19.750.000 | 15.294.000 |
| 23 | JAST | 7.888.800 | 4.956.000 | 96.435.600 | 16.828.700 | 9.487.500 | 10.594.700 | 24.953.600 | 14.005.400 | 3.396.600 | 9.160.400 |
| 24 | MLPL | 328.979.000 | 270.305.400 | 139.691.400 | 103.506.700 | 85.057.600 | 665.425.800 | 370.516.000 | 140.825.600 | 124.908.800 | 15.404.243.032 |
| 25 | BJBR | 16.272.400 | 16.693.700 | 9.131.700 | 23.052.400 | 25.395.200 | 9.712.900 | 9.713.600 | 9.744.400 | 25.603.800 | 18.033.000 |
| 26 | BGTG | 99.042.700 | 90.806.400 | 119.568.600 | 101.559.700 | 91.938.300 | 34.928.100 | 137.389.800 | 34.538.200 | 30.309.900 | 108.197.300 |
| 27 | ABBA | 29.171.600 | 84.668.100 | 51.444.900 | 44.386.800 | 164.111.200 | 89.138.700 | 50.036.100 | 111.524.500 | 165.728.100 | 36.792.500 |
| 28 | BRMS | 467.326.600 | 1.240.474.900 | 1.104.598.400 | 1.014.452.400 | 963.136.800 | 411.554.100 | 293.575.600 | 284.216.300 | 503.049.300 | 186.963.400 |
| 29 | COCO | 16.800.500 | 9.690.900 | 6.730.000 | 13.353.200 | 100.310.000 | 62.897.100 | 36.476.700 | 16.543.500 | 10.965.300 | 10.359.900 |
| 30 | GSMF | 7.345.700 | 5.049.400 | 14.835.800 | 4.682.400 | 1.988.900 | 5.390.700 | 3.273.000 | 2.716.800 | 993.900 | 361.300 |
| 31 | MPPA | 138.768.800 | 214.322.500 | 68.056.300 | 69.405.900 | 60.938.100 | 41.377.600 | 92.738.500 | 74.707.200 | 54.559.900 | 71.840.000 |
| 32 | YELO | 7.364.300 | 2.226.100 | 2.226.700 | 2.018.900 | 16.713.800 | 26.854.800 | 7.411.700 | 10.578.100 | 1.452.282.800 | 386.984.400 |
| 33 | BEKS | 132.514.300 | 252.137.200 | 249.399.300 | 705.723.000 | 1.176.315.000 | 1.443.738.500 | 712.896.900 | 550.694.100 | 301.445.800 | 438.425.000 |
| 34 | SDRA | 250 | 264 | 279 | 430 | 206 | 503 | 448.700 | 262.300 | 287.300 | 366.200 |
| 35 | TIFA | 2.152.100 | 2.152.100 | 1.037.500 | 38 | 34 | 21 | 38.300 | 65.500 | 57.400 | 163.600 |
| 36 | SMCB | 50 | 374 | 141 | 128 | 561 | 360 | 367.500 | 975.600 | 614.200 | 375.100 |
| 37 | ARTO | 8.628.700 | 13.454.000 | 3.638.900 | 5.039.300 | 7.194.300 | 6.368.800 | 7.194.300 | 9.543.100 | 10.959.200 | 5.940.200 |
| 38 | IMAS | 2.638.400 | 1.668.100 | 4.064.400 | 5.664.100 | 6.937.600 | 96.659.200 | 24.332.500 | 36.239.500 | 49.595.400 | 145.918.200 |
| 39 | APLN | 16.480.500 | 12.791.400 | 36.738.300 | 11.250.200 | 9.287.200 | 15.913.200 | 31.987.800 | 10.642.500 | 5.823.500 | 39.348.800 |
| 40 | CITA | 7 | 19 | 173 | 102 | 6 | 1 | 3.400 | 0 | 0 | 2.500 |

Sumber : data olah 2023

**(Lanjutan)**

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| No. | Kode Emiten | Volume Penjualan | | | | | | | | | |
| t+1 | t+2 | t+3 | t+4 | t+5 | t+6 | t+7 | t+8 | t+9 | t+10 |
| 1 | BBTN | 12.550.766.648 | 67.788.200 | 96.498.800 | 103.335.100 | 62.874.100 | 52.584.500 | 171.068.300 | 59.542.200 | 62.063.200 | 25.858.000 |
| 2 | EXCL | 8.103.500 | 47.003.900 | 14.348.900 | 23.833.000 | 14.351.800 | 10.508.400 | 8.301.700 | 10.558.600 | 10.035.200 | 5.970.600 |
| 3 | BRIS | 18.916.000 | 11.082.200 | 69.764.900 | 58.313.100 | 35.944.100 | 43.879.400 | 29.346.400 | 19.059.400 | 22.996.800 | 27.773.500 |
| 4 | BABP | 14.400.300 | 87.592.600 | 78.188.800 | 47.199.000 | 48.287.400 | 17.341.300 | 30.243.000 | 40.541.400 | 27.904.800 | 15.511.500 |
| 5 | BVIC | 8.321.200 | 15.340.800 | 5.359.700 | 3.423.500 | 5.957.300 | 3.660.200 | 9.285.400 | 9.285.400 | 28.180.200 | 3.305.900 |
| 6 | SMGR | 4.995.800 | 9.125.300 | 4.570.000 | 15.558.100 | 16.059.000 | 14.572.400 | 21.832.100 | 12.906.600 | 9.400.300 | 11.409.500 |
| 7 | BGTG | 177.209.400 | 15.085.900 | 12.258.300 | 22.534.500 | 7.977.300 | 8.328.100 | 10.866.100 | 5.740.000 | 10.659.400 | 6.701.400 |
| 8 | BNBA | 960.100 | 1.623.200 | 291.900 | 2.572.300 | 4.823.100 | 176.300 | 288.000 | 287.100 | 172.700 | 135.100 |
| 9 | VICO | 958.900 | 228.800 | 479.700 | 430.800 | 310.300 | 356.800 | 4.074.000 | 281.300 | 244.800 | 325.600 |
| 10 | MITI | 163.900 | 348.000 | 313.300 | 693.400 | 464.700 | 423.900 | 470.200 | 929.400 | 629.300 | 6.637.500 |
| 11 | BBYB | 17.354.300 | 16.293.100 | 148.785.100 | 68.518.800 | 105.081.400 | 48.603.500 | 33.150.000 | 83.358.300 | 115.107.900 | 32.979.400 |
| 12 | BNBA | 1.320.100 | 1.025.600 | 270.200 | 245.000 | 443.300 | 433.800 | 761.800 | 72.900 | 960.100 | 1.623.200 |
| 13 | IATA | 22.649.400 | 67.942.500 | 27.617.200 | 55.933.800 | 29.866.100 | 37.088.400 | 45.815.100 | 16.638.400 | 41.070.600 | 34.844.000 |
| 14 | SAME | 2.499.900 | 1.220.600 | 3.756.000 | 1.846.900 | 1.119.700 | 792.000 | 1.536.300 | 1.977.300 | 1.140.700 | 10.860.100 |
| 15 | ADHI | 32.420.100 | 20.980.600 | 28.502.900 | 11.808.100 | 7.328.900 | 14.920.600 | 11.198.200 | 36.077.600 | 24.746.500 | 31.365.800 |
| 16 | DNAR | 439.200 | 1.131.500 | 41.200.500 | 33.095.100 | 11.365.600 | 4.403.800 | 6.755.700 | 2.474.600 | 71.234.300 | 9.444.500 |
| 17 | WEHA | 5.449.100 | 12.703.000 | 8.680.900 | 9.590.400 | 23.205.000 | 10.679.000 | 5.005.000 | 6.521.600 | 4.425.100 | 3.055.600 |
| 18 | AHAP | 63.940.600 | 78.702.900 | 118.708.300 | 97.975.000 | 113.071.700 | 47.843.800 | 12.873.500 | 11.671.800 | 4.233.700 | 37.871.400 |
| 19 | PANI | 8.234.500 | 3.274.400 | 8.029.900 | 64.907.500 | 21.463.700 | 21.463.700 | 11.130.100 | 37.477.200 | 35.872.900 | 11.484.500 |
| 20 | KIOS | 8.950.000 | 33.068.700 | 32.235.400 | 118.156.300 | 68.683.800 | 32.565.000 | 31.031.800 | 5.280.500 | 5.280.500 | 50.671.500 |
| 21 | TAMA | 120.900 | 39.700 | 654.500 | 7.300 | 11.500 | 2.100 | 1.200 | 20.100 | 36.200 | 11.300 |
| 22 | ESTA | 41.740.600 | 15.294.000 | 37.595.500 | 16.960.200 | 46.972.600 | 58.175.500 | 42.970.000 | 44.656.400 | 88.200.300 | 13.905.500 |
| 23 | JAST | 5.144.600 | 9.160.400 | 13.418.100 | 2.970.800 | 4.782.700 | 2.650.200 | 27.840.200 | 7.987.300 | 76.252.700 | 11.272.300 |
| 24 | MLPL | 15.403.833.101 | 15.404.243.032 | 122.062.600 | 97.029.700 | 109.986.500 | 4.804.600 | 87.763.700 | 80.396.400 | 62.519.300 | 51.068.400 |
| 25 | BJBR | 10.835.200 | 18.033.000 | 27.179.800 | 28.104.100 | 22.256.600 | 35.079.100 | 17.510.400 | 7.630.400 | 21.992.300 | 19.082.400 |
| 26 | BGTG | 192.326.000 | 108.197.300 | 57.223.300 | 54.634.700 | 31.950.600 | 37.488.700 | 27.011.800 | 34.485.400 | 27.191.700 | 113.810.700 |
| 27 | ABBA | 80.513.700 | 36.792.500 | 35.936.300 | 17.162.400 | 18.490.800 | 12.066.800 | 23.659.800 | 27.572.300 | 16.947.600 | 15.811.000 |
| 28 | BRMS | 450.775.400 | 186.963.400 | 193.410.400 | 371.997.800 | 530.698.300 | 232.552.700 | 144.343.100 | 1.239.546.000 | 1.661.203.700 | 1.486.891.400 |
| 29 | COCO | 10.814.100 | 10.359.900 | 10.870.200 | 8.381.400 | 8.989.000 | 4.858.800 | 11.552.500 | 6.395.000 | 9.750.800 | 2.303.700 |
| 30 | GSMF | 1.454.700 | 361.300 | 24.922.900 | 42.773.900 | 44.812.800 | 13.393.700 | 21.984.600 | 308.429.900 | 32.517.200 | 31.305.300 |
| 31 | MPPA | 58.920.800 | 71.840.000 | 54.795.300 | 30.443.200 | 129.520.500 | 87.689.800 | 26.581.400 | 61.832.500 | 118.790.400 | 81.310.000 |
| 32 | YELO | 356.204.600 | 386.984.400 | 180.884.300 | 204.050.800 | 242.868.500 | 141.046.600 | 318.382.300 | 18.706.000 | 47.495.600 | 179.405.400 |
| 33 | BEKS | 723.388.000 | 438.425.000 | 529.344.700 | 194.649.300 | 106.309.500 | 118.677.800 | 169.659.100 | 235.900 | 429.279.100 | 139.883.600 |
| 34 | SDRA | 446.100 | 366.200 | 424.300 | 1.217.800 | 370.100 | 194.649.300 | 76.800 | 432.300 | 1.113.600 | 1.731.300 |
| 35 | TIFA | 2.112.000 | 163.600 | 77.800 | 1.863.600 | 2.166.700 | 2.314.600 | 2.071.600 | 2.609.600 | 821.800 | 793.700 |
| 36 | SMCB | 310.500 | 375.100 | 184.500 | 96.300 | 586.600 | 207.500 | 163.500 | 135.300 | 215.000 | 695.200 |
| 37 | ARTO | 8.325.200 | 5.940.200 | 10.615.200 | 12.054.900 | 4.532.800 | 10.001.900 | 7.381.800 | 4.565.600 | 3.748.900 | 8.461.000 |
| 38 | IMAS | 61.146.000 | 145.918.200 | 63.973.400 | 38.881.000 | 25.119.500 | 25.119.500 | 16.056.800 | 14.974.500 | 12.528.000 | 8.403.900 |
| 39 | APLN | 21.208.300 | 39.348.800 | 6.361.400 | 7.722.300 | 5.778.200 | 18.443.900 | 32.264.900 | 52.406.300 | 27.766.300 | 13.037.200 |
| 40 | CITA | 28.500 | 2.500 | 2.500 | 0 | 3.200 | 1.500 | 7.800 | 2.500 | 0 | 150 |

Sumber : data olah 2023

**(Lanjutan)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Kode Emiten | Volume Penjualan | | | | | | | | | |
| t+11 | t+12 | t+13 | t+14 | t+15 | t+16 | t+17 | t+18 | t+19 | t+20 |
| 1 | BBTN | 33.616.300 | 35.520.000 | 22.369.600 | 40.277.400 | 28.017.300 | 64.563.700 | 64.282.800 | 64.282.800 | 64.282.800 | 19.761.300 |
| 2 | EXCL | 15.086.000 | 12.973.000 | 18.923.000 | 30.449.300 | 12.982.800 | 8.713.400 | 10.387.500 | 18.078.600 | 9.693.000 | 14.009.800 |
| 3 | BRIS | 9.099.600 | 13.822.400 | 22.158.500 | 8.691.900 | 8.498.800 | 40.677.400 | 25.283.200 | 13.352.200 | 98.942.000 | 54.434.000 |
| 4 | BABP | 9.616.500 | 15.737.100 | 30.270.100 | 17.565.900 | 24.749.600 | 10.789.800 | 15.589.900 | 64.249.800 | 95.090.200 | 81.434.100 |
| 5 | BVIC | 3.196.300 | 3.093.600 | 1.736.600 | 1.212.400 | 1.681.400 | 2.481.300 | 2.434.400 | 2.774.500 | 15.231.900 | 4.715.400 |
| 6 | SMGR | 25.425.000 | 11.071.400 | 10.860.200 | 12.056.600 | 18.171.500 | 8.699.200 | 5.994.300 | 4.800.000 | 4.300.800 | 15.028.200 |
| 7 | BGTG | 18.200.700 | 7.781.800 | 8.010.300 | 5.997.600 | 3.579.900 | 18.171.500 | 8.676.600 | 71.329.200 | 8.077.200 | 7.138.200 |
| 8 | BNBA | 31.900 | 183.400 | 100.000 | 208.800 | 21.400 | 631.400 | 623.500 | 205.600 | 208.700 | 6.100 |
| 9 | VICO | 537.500 | 580.400 | 214.300 | 451.200 | 494.500 | 713.200 | 110.800 | 477.900 | 53.400 | 29.500 |
| 10 | MITI | 12.518.600 | 23.982.900 | 5.375.300 | 2.753.500 | 2.711.100 | 3.102.200 | 1.844.400 | 1.859.900 | 1.239.200 | 929.200 |
| 11 | BBYB | 31.240.400 | 21.309.500 | 36.216.100 | 22.456.600 | 41.665.200 | 27.636.100 | 27.430.500 | 27.915.100 | 16.174.600 | 91.919.800 |
| 12 | BNBA | 291.900 | 96.800 | 279.900 | 176.300 | 28.800 | 287.100 | 172.700 | 135.100 | 31.900 | 183.400 |
| 13 | IATA | 35.791.700 | 30.771.800 | 56.961.100 | 60.871.200 | 63.848.800 | 34.597.700 | 31.778.800 | 16.643.200 | 12.270.500 | 23.091.700 |
| 14 | SAME | 1.044.700 | 2.188.000 | 1.385.300 | 4.385.800 | 9.604.200 | 3.859.000 | 2.590.400 | 2.529.400 | 18.786.000 | 2.351.800 |
| 15 | ADHI | 15.361.200 | 26.602.700 | 6.134.900 | 16.376.500 | 11.462.500 | 62.352.800 | 25.696.900 | 20.653.000 | 10.465.300 | 7.656.700 |
| 16 | DNAR | 2.537.500 | 3.912.100 | 2.300.500 | 1.150.500 | 1.442.200 | 2.084.500 | 862.700 | 2.124.400 | 1.477.700 | 536.400 |
| 17 | WEHA | 3.761.600 | 1.756.200 | 2.867.800 | 2.239.700 | 12.394.800 | 4.992.600 | 2.053.300 | 2.323.100 | 3.438.300 | 146.822.300 |
| 18 | AHAP | 14.392.100 | 11.091.600 | 11.688.800 | 13.824.500 | 15.810.000 | 17.007.600 | 14.151.900 | 24.483.900 | 5.986.000 | 10.302.900 |
| 19 | PANI | 11.987.800 | 76.289.900 | 18.577.300 | 32.523.000 | 20.385.100 | 20.297.500 | 90.230.100 | 30.069.800 | 6.646.000 | 11.412.600 |
| 20 | KIOS | 170.116.100 | 63.119.100 | 10.168.200 | 10.983.500 | 88.042.800 | 46.341.200 | 25.230.000 | 66.030.400 | 76.896.300 | 3.856.500 |
| 21 | TAMA | 16.300 | 116.200 | 61.100 | 232.200 | 270.600 | 211.700 | 91.100 | 10.500 | 32.200 | 60.700 |
| 22 | ESTA | 18.720.800 | 11.922.000 | 8.727.700 | 10.619.600 | 31.732.100 | 14.180.800 | 19.790.200 | 11.404.000 | 28.906.900 | 18.087.800 |
| 23 | JAST | 5.467.300 | 3.183.600 | 7.439.600 | 2.867.800 | 61.690.400 | 44.835.400 | 76.420.100 | 73.508.800 | 24.118.000 | 9.508.000 |
| 24 | MLPL | 56.850.200 | 39.686.600 | 130.628.700 | 99.068.800 | 48.935.600 | 45.499.900 | 58.536.000 | 115.885.100 | 33.307.600 | 33.220.000 |
| 25 | BJBR | 23.926.300 | 66.282.500 | 64.077.800 | 24.314.700 | 13.727.700 | 13.030.000 | 13.707.000 | 12.824.500 | 6.705.100 | 6.704.100 |
| 26 | BGTG | 40.889.400 | 142.069.000 | 42.817.200 | 49.969.400 | 29.183.100 | 26.732.800 | 22.201.900 | 15.869.900 | 56.812.800 | 29.293.300 |
| 27 | ABBA | 7.116.300 | 23.012.500 | 28.667.200 | 12.961.100 | 8.342.800 | 42.041.200 | 42.041.200 | 15.256.500 | 10.988.000 | 5.964.800 |
| 28 | BRMS | 1.518.498.700 | 768.723.400 | 1.315.606.300 | 419.558.300 | 402.234.100 | 786.146.000 | 433.894.300 | 395.882.200 | 223.048.100 | 495.875.300 |
| 29 | COCO | 7.169.200 | 5.384.500 | 7.861.600 | 2.242.800 | 4.536.100 | 9.570.100 | 26.355.900 | 60.349.400 | 10.335.600 | 33.473.700 |
| 30 | GSMF | 34.905.900 | 14.692.500 | 15.377.800 | 6.678.700 | 74.590.000 | 10.334.800 | 80.721.300 | 46.319.400 | 12.102.000 | 15.426.100 |
| 31 | MPPA | 148.802.900 | 34.905.900 | 66.752.800 | 90.140.300 | 66.752.800 | 44.445.400 | 60.701.900 | 36.213.400 | 87.474.200 | 107.181.200 |
| 32 | YELO | 45.674.900 | 96.812.900 | 34.851.300 | 28.738.400 | 336.712.100 | 74.470.600 | 68.754.100 | 212.644.400 | 110.640.100 | 96.812.900 |
| 33 | BEKS | 195.693.300 | 156.816.400 | 249.399.300 | 81.078.800 | 37.821.000 | 53.656.600 | 145.869.700 | 122.898.600 | 288.428.500 | 89.870.200 |
| 34 | SDRA | 1.067.800 | 244.200 | 31.900 | 791.400 | 116.800 | 92.100 | 1.265.500 | 215.100 | 256.200 | 900.200 |
| 35 | TIFA | 813.300 | 511.700 | 526.100 | 406.400 | 143.100 | 301.400 | 3.502.000 | 186.700 | 51.300 | 36.300 |
| 36 | SMCB | 214.600 | 166.500 | 214.600 | 101.500 | 2.193.400 | 215.700 | 526.800 | 62.300 | 269.100 | 46.700 |
| 37 | ARTO | 4.132.900 | 2.927.200 | 3.602.300 | 3.671.900 | 6.896.900 | 20.493.500 | 5.841.800 | 11.955.800 | 14.407.700 | 6.576.200 |
| 38 | IMAS | 7.886.400 | 8.011.500 | 21.075.100 | 10.161.900 | 4.659.400 | 24.120.600 | 17.804.500 | 7.232.000 | 72.560.200 | 20.035.000 |
| 39 | APLN | 28.542.400 | 11.026.000 | 14.793.400 | 9.760.300 | 8.326.200 | 5.480.100 | 5.015.200 | 5.110.800 | 8.758.200 | 4.390.700 |
| 40 | CITA | 0 | 14.200 | 0 | 0 | 0 | 0 | 0 | 0 | 1.200 | 0 |

Sumber : data olah 2023

**(Lanjutan)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Kode Emiten | Volume Penjualan | | | | | | | | | |
| t+21 | t+22 | t+23 | t+24 | t+25 | t+26 | t+27 | t+28 | t+29 | t+30 |
| 1 | BBTN | 22.806.000 | 27.357.100 | 27.896.100 | 34.415.900 | 25.647.800 | 44.935.200 | 96.498.800 | 57.392.300 | 24.165.700 | 15.810.000 |
| 2 | EXCL | 15.382.100 | 8.389.800 | 20.135.400 | 8.347.900 | 25.274.900 | 12.082.000 | 10.779.500 | 13.043.500 | 13.840.200 | 13.933.800 |
| 3 | BRIS | 48.510.700 | 35.150.500 | 31.912.000 | 21.061.900 | 22.813.300 | 32.764.300 | 15.937.600 | 10.784.700 | 13.100.400 | 1.325 |
| 4 | BABP | 57.018.800 | 13.625.600 | 15.740.600 | 19.127.700 | 51.606.400 | 15.898.800 | 36.683.400 | 382.883.700 | 151.610.000 | 58.902.500 |
| 5 | BVIC | 15.661.900 | 4.392.000 | 2.007.600 | 2.779.700 | 2.228.400 | 1.671.800 | 1.895.600 | 17.889.600 | 2.858.200 | 3.251.900 |
| 6 | SMGR | 6.134.700 | 6.884.900 | 13.035.700 | 8.383.000 | 9.890.500 | 4.339.300 | 11.897.700 | 4.979.200 | 3.263.500 | 13.929.900 |
| 7 | BGTG | 11.268.200 | 13.474.200 | 4.436.500 | 6.598.400 | 3.298.100 | 7.809.500 | 6.261.600 | 17.594.600 | 10.066.400 | 19.463.500 |
| 8 | BNBA | 331.100 | 271.800 | 406.700 | 155.900 | 308.500 | 247.000 | 740.900 | 177.600 | 102.400 | 101.700 |
| 9 | VICO | 226.100 | 378.900 | 51.200 | 353.500 | 182.900 | 264.800 | 37.500 | 1.623.000 | 997.900 | 188.500 |
| 10 | MITI | 405.700 | 221.200 | 490.600 | 373.800 | 929.200 | 782.600 | 814.200 | 292.300 | 681.200 | 3.253.700 |
| 11 | BBYB | 26.650.400 | 45.879.400 | 18.579.700 | 57.259.400 | 60.341.600 | 33.539.200 | 12.496.600 | 21.155.500 | 20.006.200 | 38.212.200 |
| 12 | BNBA | 100.000 | 208.800 | 308.500 | 155.900 | 214.000 | 205.600 | 208.700 | 61.000 | 331.100 | 271.800 |
| 13 | IATA | 51.057.700 | 14.642.800 | 51.057.700 | 11.091.400 | 15.830.500 | 26.737.500 | 14.853.500 | 6.035.900 | 20.604.200 | 10.720.000 |
| 14 | SAME | 1.664.500 | 1.469.000 | 5.454.900 | 11.290.700 | 21.491.000 | 11.588.600 | 9.623.100 | 21.283.800 | 7.001.100 | 4.123.000 |
| 15 | ADHI | 5.616.100 | 14.448.700 | 16.454.700 | 7.475.100 | 3.947.100 | 4.583.900 | 9.193.300 | 25.223.600 | 5.480.000 | 11.174.600 |
| 16 | DNAR | 1.058.700 | 700.500 | 655.300 | 1.235.800 | 630.600 | 614.400 | 473.900 | 506.600 | 7.053.500 | 1.071.000 |
| 17 | WEHA | 44.688.400 | 97.236.300 | 43.782.000 | 150.188.600 | 41.803.800 | 37.713.900 | 12.476.100 | 8.790.900 | 21.735.700 | 6.761.400 |
| 18 | AHAP | 39.068.000 | 6.203.800 | 4.571.400 | 30.179.300 | 7.996.800 | 8.439.000 | 10.761.800 | 5.582.900 | 5.595.200 | 24.059.700 |
| 19 | PANI | 7.222.500 | 20.666.200 | 7.400.800 | 4.183.000 | 6.060.100 | 11.790.400 | 8.736.300 | 29.315.600 | 39.384.600 | 4.770.700 |
| 20 | KIOS | 44.372.800 | 102.437.000 | 141.597.100 | 89.770.900 | 43.499.000 | 44.390.400 | 76.641.500 | 134.022.000 | 24.211.300 | 43.146.800 |
| 21 | TAMA | 1.046.700 | 915.800 | 22.800 | 29.300 | 30.900 | 21.000 | 90.400 | 31.200 | 43.600 | 468.200 |
| 22 | ESTA | 8.942.500 | 27.679.400 | 3.019.600 | 10.113.400 | 19.074.800 | 5.387.800 | 17.121.500 | 9.724.400 | 32.732.900 | 32.732.900 |
| 23 | JAST | 47.561.100 | 3.598.700 | 10.118.400 | 8.187.000 | 7.508.200 | 40.642.100 | 51.474.400 | 10.267.700 | 3.458.100 | 4.618.800 |
| 24 | MLPL | 32.407.200 | 57.970.400 | 25.073.300 | 37.141.200 | 56.418.600 | 55.477.200 | 28.435.600 | 20.916.200 | 44.652.300 | 125.789.700 |
| 25 | BJBR | 8.162.100 | 41.781.800 | 22.729.100 | 18.383.100 | 4.617.300 | 18.383.100 | 11.748.800 | 8.101.100 | 6.514.900 | 8.884.500 |
| 26 | BGTG | 32.975.100 | 75.310.900 | 12.824.500 | 29.904.400 | 16.788.000 | 12.087.800 | 27.096.700 | 44.663.900 | 20.066.600 | 21.276.700 |
| 27 | ABBA | 28.066.400 | 34.445.700 | 13.029.800 | 14.326.200 | 4.208.100 | 7.026.700 | 28.689.800 | 14.182.600 | 18.538.000 | 31.883.300 |
| 28 | BRMS | 1.168.627.400 | 861.739.900 | 1.069.030.900 | 920.895.100 | 1.126.457.500 | 1.004.850.000 | 613.271.600 | 676.244.100 | 322.614.100 | 1.965.371.300 |
| 29 | COCO | 29.837.400 | 8.486.500 | 35.282.900 | 31.502.500 | 12.528.700 | 8.388.100 | 16.683.400 | 6.172.500 | 18.420.000 | 7.700.300 |
| 30 | GSMF | 7.987.700 | 6.611.600 | 14.411.200 | 4.331.400 | 8.920.800 | 23.360.500 | 7.962.200 | 8.686.700 | 13.864.400 | 17.839.100 |
| 31 | MPPA | 32.073.400 | 26.991.100 | 72.891.600 | 25.730.400 | 862.923.000 | 226.910.900 | 279.530.400 | 217.201.200 | 349.970.100 | 572.615.300 |
| 32 | YELO | 130.725.800 | 189.516.700 | 64.217.600 | 63.333.500 | 583.554.500 | 179.894.300 | 199.371.800 | 200.765.700 | 123.219.200 | 32.354.000 |
| 33 | BEKS | 96.169.800 | 336.373.700 | 132.694.700 | 243.221.400 | 175.497.400 | 61.842.400 | 63.172.700 | 93.755.600 | 107.224.000 | 54.076.200 |
| 34 | SDRA | 587.600 | 1.103.900 | 545.500 | 42.900 | 510.400 | 731.600 | 83.300 | 90.400 | 112.400 | 41.800 |
| 35 | TIFA | 70.800 | 176.400 | 50.800 | 182.900 | 108.100 | 1.436.400 | 1.121.200 | 421.500 | 374.600 | 126.900 |
| 36 | SMCB | 2.193.400 | 2.265.400 | 2.586.700 | 2.774.000 | 2.426.100 | 3.011.200 | 1.858.000 | 2.030.200 | 2.341.500 | 2.341.500 |
| 37 | ARTO | 7.028.800 | 5.454.400 | 2.216.700 | 3.055.800 | 2.787.700 | 6.374.600 | 8.089.200 | 5.351.600 | 1.779.300 | 3.777.900 |
| 38 | IMAS | 11.303.100 | 10.169.300 | 12.544.500 | 12.356.500 | 7.900.500 | 19.018.600 | 7.725.200 | 5.167.600 | 32.916.600 | 12.263.300 |
| 39 | APLN | 2.561.800 | 4.958.300 | 22.343.100 | 22.345.300 | 22.061.100 | 9.650.200 | 10.914.000 | 4.261.400 | 3.083.100 | 37.071.400 |
| 40 | CITA | 51.600 | 6.300 | 0 | 1.100 | 7.100 | 0 | 100.000 | 25.100 | 0 | 15.900 |

Sumber : data olah 2023

**Lampiran 8 Data Ask**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Kode Emiten | Ask | | | | | | | | | | |
| t-30 | t-29 | t-28 | t-27 | t-26 | t-25 | t-24 | t-23 | t-22 | t-21 | t-20 |
| 1 | BBTN | 1.520 | 1.515 | 1.520 | 1.515 | 1.520 | 1.525 | 1.530 | 1.530 | 1.535 | 1.545 | 1.515 |
| 2 | EXCL | 2.300 | 2.280 | 2.290 | 2.280 | 2.270 | 2.220 | 2.210 | 2.210 | 2.180 | 2.250 | 2.300 |
| 3 | BRIS | 1.365 | 1.360 | 1.365 | 1.360 | 1.380 | 1.390 | 1.370 | 1.360 | 1.335 | 1.335 | 1.330 |
| 4 | BABP | 124 | 123 | 125 | 125 | 134 | 127 | 132 | 130 | 127 | 119 | 111 |
| 5 | BVIC | 135 | 134 | 134 | 133 | 136 | 135 | 134 | 134 | 133 | 134 | 132 |
| 6 | SMGR | 7.650 | 7.650 | 7.725 | 7.700 | 7.725 | 7.675 | 7.625 | 7.700 | 7.700 | 7.625 | 7.625 |
| 7 | BGTG | 100 | 100 | 100 | 100 | 101 | 100 | 100 | 102 | 101 | 99 | 99 |
| 8 | BNBA | 1.520 | 1.505 | 1.525 | 1.510 | 1.505 | 1.500 | 1.490 | 1.495 | 1.500 | 1.500 | 1.555 |
| 9 | VICO | 250 | 244 | 234 | 228 | 232 | 222 | 226 | 260 | 242 | 226 | 218 |
| 10 | MITI | 167 | 167 | 165 | 167 | 168 | 170 | 165 | 167 | 167 | 166 | 165 |
| 11 | BBYB | 950 | 885 | 890 | 830 | 810 | 830 | 835 | 845 | 820 | 895 | 865 |
| 12 | BNBA | 1.470 | 1.555 | 1.510 | 1.515 | 1.495 | 1.495 | 1.490 | 1.490 | 1.520 | 1.505 | 1.525 |
| 13 | IATA | 140 | 140 | 140 | 140 | 140 | 140 | 0 | 154 | 156 | 152 | 155 |
| 14 | SAME | 286 | 280 | 290 | 296 | 296 | 292 | 284 | 282 | 276 | 270 | 270 |
| 15 | ADHI | 715 | 735 | 745 | 745 | 745 | 735 | 725 | 735 | 720 | 725 | 720 |
| 16 | DNAR | 178 | 179 | 182 | 179 | 177 | 177 | 175 | 170 | 172 | 175 | 176 |
| 17 | WEHA | 171 | 171 | 172 | 174 | 173 | 174 | 176 | 164 | 159 | 160 | 155 |
| 18 | AHAP | 60 | 59 | 58 | 61 | 64 | 0 | 82 | 100 | 131 | 122 | 121 |
| 19 | PANI | 8.300 | 8.325 | 8.425 | 8.475 | 9.850 | 0 | 11.125 | 12.000 | 0 | 0 | 1 |
| 20 | KIOS | 238 | 230 | 240 | 270 | 252 | 244 | 242 | 262 | 260 | 256 | 272 |
| 21 | TAMA | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 260 | 57 | 57 |
| 22 | ESTA | 795 | 820 | 0 | 760 | 710 | 700 | 670 | 630 | 685 | 750 | 715 |
| 23 | JAST | 138 | 140 | 140 | 139 | 138 | 139 | 148 | 143 | 143 | 142 | 141 |
| 24 | MLPL | 232 | 242 | 242 | 242 | 236 | 222 | 222 | 210 | 216 | 220 | 206 |
| 25 | BJBR | 1.340 | 1.355 | 1.375 | 1.390 | 1.380 | 1.400 | 1.385 | 1.405 | 1.410 | 1.405 | 1.405 |
| 26 | BGTG | 214 | 216 | 228 | 238 | 230 | 244 | 256 | 284 | 266 | 266 | 280 |
| 27 | ABBA | 326 | 302 | 284 | 304 | 314 | 314 | 320 | 348 | 342 | 340 | 336 |
| 28 | BRMS | 179 | 116 | 114 | 113 | 115 | 112 | 115 | 117 | 119 | 119 | 119 |
| 29 | COCO | 240 | 252 | 280 | 282 | 296 | 280 | 272 | 262 | 256 | 246 | 252 |
| 30 | GSMF | 206 | 204 | 202 | 204 | 206 | 0 | 0 | 324 | 316 | 298 | 330 |
| 31 | MPPA | 570 | 550 | 545 | 520 | 570 | 545 | 530 | 515 | 505 | 492 | 492 |
| 32 | YELO | 400 | 396 | 424 | 418 | 424 | 414 | 394 | 406 | 406 | 426 | 406 |
| 33 | BEKS | 105 | 106 | 104 | 101 | 101 | 100 | 99 | 100 | 99 | 94 | 92 |
| 34 | SDRA | 760 | 800 | 755 | 735 | 730 | 740 | 730 | 725 | 775 | 735 | 735 |
| 35 | TIFA | 925 | 930 | 925 | 935 | 915 | 890 | 925 | 925 | 870 | 860 | 895 |
| 36 | SMCB | 1.700 | 1.690 | 1.680 | 1.630 | 1.660 | 1.655 | 1.695 | 1.660 | 1.655 | 1.715 | 1.770 |
| 37 | ARTO | 7.125 | 6.975 | 7.000 | 7.075 | 7.075 | 7.025 | 7.150 | 7.275 | 7.800 | 7.925 | 8.500 |
| 38 | IMAS | 650 | 640 | 635 | 650 | 645 | 635 | 645 | 640 | 695 | 670 | 665 |
| 39 | APLN | 158 | 156 | 154 | 152 | 151 | 157 | 159 | 157 | 154 | 148 | 148 |
| 40 | CITA | 1.900 | 1.950 | 2.000 | 2.000 | 2.000 | 1.990 | 2.000 | 1.910 | 1.900 | 1.990 | 1.975 |

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| No. | Kode Emiten | Ask | | | | | | | | | |
| t-19 | t-18 | t-17 | t-16 | t-15 | t-14 | t-13 | t-12 | t-11 | t-10 |
| 1 | BBTN | 1.460 | 1.415 | 1.400 | 1.400 | 1.365 | 1.385 | 1.400 | 1.395 | 1.390 | 1.365 |
| 2 | EXCL | 2.310 | 2.290 | 2.230 | 2.170 | 2.080 | 2.070 | 2.030 | 2.080 | 2.060 | 2.030 |
| 3 | BRIS | 1.320 | 1.315 | 1.295 | 1.275 | 1.265 | 1.230 | 1.250 | 1.300 | 1.220 | 1.215 |
| 4 | BABP | 114 | 117 | 112 | 108 | 106 | 105 | 105 | 107 | 107 | 107 |
| 5 | BVIC | 129 | 127 | 124 | 124 | 124 | 124 | 122 | 124 | 122 | 116 |
| 6 | SMGR | 7.700 | 7.675 | 7.700 | 7.175 | 7.000 | 6.950 | 6.950 | 6.750 | 7.025 | 7.000 |
| 7 | BGTG | 98 | 97 | 95 | 96 | 93 | 91 | 91 | 91 | 91 | 95 |
| 8 | BNBA | 1.530 | 1.430 | 1.370 | 1.365 | 1.330 | 1.245 | 1.155 | 1.200 | 1.200 | 1.245 |
| 9 | VICO | 208 | 212 | 212 | 216 | 210 | 210 | 218 | 210 | 208 | 204 |
| 10 | MITI | 164 | 164 | 166 | 166 | 166 | 165 | 164 | 164 | 164 | 162 |
| 11 | BBYB | 920 | 905 | 925 | 905 | 950 | 940 | 875 | 870 | 940 | 915 |
| 12 | BNBA | 1.510 | 1.505 | 1.500 | 1.490 | 1.495 | 1.500 | 1.500 | 1.555 | 1.530 | 1.430 |
| 13 | IATA | 155 | 150 | 149 | 145 | 143 | 140 | 141 | 140 | 140 | 140 |
| 14 | SAME | 268 | 276 | 272 | 282 | 284 | 288 | 296 | 294 | 296 | 292 |
| 15 | ADHI | 700 | 655 | 625 | 620 | 625 | 635 | 610 | 630 | 590 | 555 |
| 16 | DNAR | 174 | 174 | 172 | 168 | 169 | 162 | 160 | 158 | 160 | 163 |
| 17 | WEHA | 156 | 156 | 159 | 159 | 155 | 150 | 147 | 133 | 129 | 127 |
| 18 | AHAP | 113 | 106 | 113 | 159 | 111 | 104 | 108 | 84 | 82 | 84 |
| 19 | PANI | 1 | 1 | 0 | 11.175 | 10.400 | 0 | 0 | 11.675 | 10.875 | 11.900 |
| 20 | KIOS | 282 | 330 | 304 | 304 | 302 | 316 | 306 | 300 | 302 | 290 |
| 21 | TAMA | 54 | 55 | 53 | 51 | 51 | 51 | 51 | 51 | 51 | 50 |
| 22 | ESTA | 765 | 770 | 805 | 0 | 930 | 865 | 1.015 | 1.165 | 0 | 715 |
| 23 | JAST | 141 | 140 | 145 | 142 | 142 | 140 | 132 | 126 | 127 | 129 |
| 24 | MLPL | 197 | 195 | 198 | 204 | 226 | 236 | 222 | 218 | 218 | 240 |
| 25 | BJBR | 1.405 | 1.405 | 1.415 | 1.390 | 1.395 | 1.405 | 1.415 | 1.400 | 1.375 | 1.395 |
| 26 | BGTG | 270 | 292 | 278 | 268 | 250 | 242 | 232 | 234 | 216 | 220 |
| 27 | ABBA | 334 | 352 | 398 | 402 | 0 | 488 | 478 | 354 | 356 | 358 |
| 28 | BRMS | 126 | 118 | 112 | 119 | 116 | 121 | 124 | 113 | 110 | 111 |
| 29 | COCO | 250 | 114 | 282 | 278 | 282 | 274 | 282 | 278 | 276 | 290 |
| 30 | GSMF | 350 | 324 | 302 | 322 | 384 | 408 | 380 | 442 | 318 | 300 |
| 31 | MPPA | 478 | 456 | 488 | 570 | 590 | 565 | 540 | 515 | 500 | 494 |
| 32 | YELO | 410 | 426 | 412 | 422 | 420 | 410 | 386 | 0 | 0 | 0 |
| 33 | BEKS | 95 | 95 | 95 | 95 | 88 | 83 | 85 | 87 | 81 | 80 |
| 34 | SDRA | 720 | 670 | 640 | 660.000 | 640 | 635 | 650 | 645 | 650 | 645 |
| 35 | TIFA | 885 | 900 | 925 | 900 | 900 | 1.090 | 1.080 | 1.335 | 0 | 0 |
| 36 | SMCB | 1.735 | 1.760 | 1.795 | 1.720 | 1.735 | 1.730 | 1.725 | 1.735 | 1.710 | 1.695 |
| 37 | ARTO | 8.625 | 9.400 | 10.900 | 10.150 | 10.550 | 10.375 | 10.000 | 10.000 | 10.250 | 10.950 |
| 38 | IMAS | 655 | 700 | 720 | 720 | 680 | 655 | 675 | 670 | 655 | 585 |
| 39 | APLN | 144 | 138 | 119 | 137 | 138 | 146 | 145 | 142 | 131 | 130 |
| 40 | CITA | 1.950 | 1.945 | 1.900 | 1.900 | 1.890 | 2.000 | 2.000 | 2.000 | 1.825 | 2.000 |

Sumber : data olah 2023

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| No. | Kode Emiten | Ask | | | | | | | | | |
| t-9 | t-8 | t-7 | t-6 | t-5 | t-4 | t-3 | t-2 | t-1 | t-0 |
| 1 | BBTN | 1.365 | 1.380 | 1.400 | 1,410 | 1.345 | 1.375 | 1.415 | 1360 | 1355 | 1,355 |
| 2 | EXCL | 2.060 | 2.100 | 2.080 | 2,100 | 2.090 | 2.090 | 2.140 | 2150 | 2150 | 2,150 |
| 3 | BRIS | 1.200 | 1.125 | 1.105 | 1,155 | 1.225 | 1.220 | 1.315 | 1285 | 1275 | 1,295 |
| 4 | BABP | 106 | 104 | 102 | 101 | 102 | 104 | 104 | 106 | 103 | 102 |
| 5 | BVIC | 115 | 113 | 108 | 106 | 108 | 108 | 108 | 108 | 107 | 107 |
| 6 | SMGR | 7.225 | 7.025 | 113 | 6,775 | 6.725 | 6.725 | 6.775 | 6825 | 6675 | 6,700 |
| 7 | BGTG | 94 | 94 | 93 | 89 | 89 | 85 | 86 | 86 | 86 | 87 |
| 8 | BNBA | 1.235 | 1.200 | 1.170 | 1,215 | 1.200 | 1.210 | 1.185 | 1180 | 1150 | 1,120 |
| 9 | VICO | 195 | 185 | 175 | 165 | 158 | 162 | 165 | 163 | 1185 | 168 |
| 10 | MITI | 165 | 164 | 161 | 157 | 160 | 158 | 156 | 165 | 163 | 161 |
| 11 | BBYB | 855 | 800 | 780 | 735 | 800 | 795 | 740 | 720 | 690 | 690 |
| 12 | BNBA | 1.370 | 1.365 | 1.330 | 1245 | 1.155 | 1.200 | 1.200 | 1245 | 1235 | 1,200 |
| 13 | IATA | 141 | 143 | 140 | 140 | 140 | 142 | 141 | 140 | 141 | 140 |
| 14 | SAME | 294 | 288 | 288 | 286 | 286 | 282 | 286 | 284 | 282 | 284 |
| 15 | ADHI | 555 | 555 | 565 | 555 | 555 | 555 | 545 | 520 | 540 | 535 |
| 16 | DNAR | 164 | 168 | 168 | 169 | 164 | 165 | 165 | 165 | 165 | 164 |
| 17 | WEHA | 132 | 129 | 130 | 129 | 130 | 159 | 148 | 138 | 129 | 125 |
| 18 | AHAP | 96 | 96 | 99 | 106 | 99 | 100 | 117 | 126 | 140 | 136 |
| 19 | PANI | 0 | 0 | 0 | 1155 | 1.075 | 1.000 | 935 | 0 | 0 | 1,170 |
| 20 | KIOS | 286 | 276 | 274 | 296 | 356 | 364 | 452 | 440 | 510 | 510 |
| 21 | TAMA | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 22 | ESTA | 725 | 450 | 366 | 372 | 346 | 350 | 372 | 348 | 332 | 378 |
| 23 | JAST | 130 | 127 | 136 | 130 | 128 | 129 | 129 | 129 | 129 | 108 |
| 24 | MLPL | 228 | 236 | 234 | 232 | 236 | 262 | 262 | 240 | 254 | 240 |
| 25 | BJBR | 1.385 | 1.390 | 1.405 | 1425 | 1.410 | 1.415 | 1.410 | 1450 | 1420 | 1,435 |
| 26 | BGTG | 210 | 204 | 193 | 199 | 188 | 189 | 204 | 200 | 194 | 199 |
| 27 | ABBA | 334 | 312 | 312 | 308 | 330 | 308 | 288 | 282 | 308 | 304 |
| 28 | BRMS | 109 | 115 | 117 | 113 | 116 | 114 | 113 | 113 | 110 | 107 |
| 29 | COCO | 290 | 282 | 288 | 286 | 310 | 288 | 292 | 296 | 290 | 294 |
| 30 | GSMF | 308 | 284 | 318 | 306 | 298 | 278 | 260 | 242 | 226 | 212 |
| 31 | MPPA | 520 | 505 | 500 | 492 | 476 | 464 | 466 | 470 | 458 | 452 |
| 32 | YELO | 304 | 284 | 266 | 248 | 232 | 216 | 202 | 188 | 178 | 169 |
| 33 | BEKS | 79 | 78 | 68 | 79 | 82 | 79 | 78 | 79 | 78 | 73 |
| 34 | SDRA | 645 | 640 | 640 | 640 | 650 | 655 | 645 | 650 | 645 | 650 |
| 35 | TIFA | 1.205 | 1.205 | 1.105 | 1.030 | 960 | 895 | 835 | 780 | 730 | 680 |
| 36 | SMCB | 1.690 | 1.740 | 1.730 | 1.730 | 1.790 | 1.785 | 1.755 | 1.800 | 1.810 | 1.810 |
| 37 | ARTO | 11.100 | 9.550 | 9.725 | 10.250 | 10.850 | 11.375 | 10.850 | 10.100 | 9.875 | 10.575 |
| 38 | IMAS | 625 | 630 | 610 | 590 | 570 | 705 | 660 | 625 | 630 | 655 |
| 39 | APLN | 119 | 107 | 100 | 93 | 87 | 84 | 80 | 85 | 80 | 84 |
| 40 | CITA | 1.930 | 2.000 | 2.000 | 1.820 | 1.990 | 1.900 | 2.000 | 1.990 | 1.990 | 1.900 |

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| No. | Kode Emiten | Ask | | | | | | | | | |
| t+1 | t+2 | t+3 | t+4 | t+5 | t+6 | t+7 | t+8 | t+9 | t+10 |
| 1 | BBTN | 1.340 | 1.320 | 1.325 | 1.310 | 1.345 | 1.330 | 1.245 | 1.235 | 1.250 | 1.240 |
| 2 | EXCL | 2.170 | 2.350 | 2.340 | 2.290 | 2.260 | 2.290 | 2.300 | 2.320 | 2.300 | 2.270 |
| 3 | BRIS | 1.290 | 1.285 | 1.395 | 1.385 | 1.335 | 1.390 | 1.370 | 1.330 | 1.340 | 1.335 |
| 4 | BABP | 102 | 105 | 105 | 103 | 99 | 99 | 94 | 89 | 91 | 92 |
| 5 | BVIC | 108 | 110 | 113 | 112 | 107 | 108 | 106 | 102 | 104 | 104 |
| 6 | SMGR | 6.675 | 6.575 | 6.625 | 6.700 | 6.800 | 6.725 | 7.100 | 7.175 | 7.075 | 7.000 |
| 7 | BGTG | 93 | 90 | 88 | 93 | 91 | 90 | 88 | 88 | 86 | 85 |
| 8 | BNBA | 1045 | 980 | 1 | 995 | 970 | 960 | 945 | 925 | 940 | 940 |
| 9 | VICO | 168 | 1045 | 165 | 168 | 165 | 167 | 166 | 167 | 167 | 164 |
| 10 | MITI | 162 | 161 | 160 | 159 | 158 | 159 | 159 | 158 | 158 | 170 |
| 11 | BBYB | 680 | 680 | 715 | 710 | 750 | 735 | 715 | 665 | 630 | 640 |
| 12 | BNBA | 1.170 | 1.215 | 1.200 | 1.210 | 1.185 | 1.180 | 1.150 | 1.120 | 1.045 | 980 |
| 13 | IATA | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 |
| 14 | SAME | 282 | 280 | 276 | 278 | 276 | 278 | 278 | 280 | 282 | 272 |
| 15 | ADHI | 530 | 525 | 540 | 540 | 540 | 535 | 540 | 550 | 540 | 535 |
| 16 | DNAR | 164 | 160 | 179 | 179 | 188 | 183 | 182 | 178 | 180 | 175 |
| 17 | WEHA | 123 | 117 | 115 | 115 | 122 | 125 | 159 | 113 | 115 | 115 |
| 18 | AHAP | 127 | 129 | 124 | 128 | 130 | 129 | 60 | 93 | 93 | 94 |
| 19 | PANI | 1.165 | 1.170 | 0 | 1.555 | 1.505 | 1.505 | 1.570 | 1.880 | 1.840 | 1.870 |
| 20 | KIOS | 505 | 520 | 535 | 565 | 565 | 540 | 555 | 520 | 484 | 452 |
| 21 | TAMA | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 22 | ESTA | 386 | 400 | 436 | 430 | 464 | 492 | 510 | 490 | 520 | 480 |
| 23 | JAST | 125 | 122 | 122 | 120 | 116 | 115 | 109 | 112 | 113 | 112 |
| 24 | MLPL | 234 | 234 | 240 | 226 | 232 | 232 | 236 | 224 | 216 | 220 |
| 25 | BJBR | 1.450 | 1.480 | 1.485 | 1.530 | 1.545 | 1.525 | 1.530 | 1.525 | 1.530 | 1.520 |
| 26 | BGTG | 214 | 210 | 204 | 199 | 199 | 198 | 198 | 194 | 192 | 200 |
| 27 | ABBA | 320 | 314 | 292 | 300 | 298 | 294 | 296 | 308 | 300 | 298 |
| 28 | BRMS | 104 | 104 | 104 | 102 | 110 | 110 | 112 | 121 | 128 | 124 |
| 29 | COCO | 292 | 290 | 288 | 288 | 292 | 290 | 292 | 290 | 294 | 292 |
| 30 | GSMF | 198 | 185 | 173 | 161 | 162 | 151 | 144 | 171 | 159 | 148 |
| 31 | MPPA | 428 | 430 | 422 | 420 | 434 | 426 | 426 | 402 | 386 | 360 |
| 32 | YELO | 165 | 168 | 160 | 160 | 158 | 156 | 160 | 83 | 157 | 160 |
| 33 | BEKS | 72 | 74 | 75 | 74 | 74 | 74 | 73 | 73 | 71 | 71 |
| 34 | SDRA | 650 | 650 | 645 | 630 | 635 | 635 | 635 | 635 | 630 | 645 |
| 35 | TIFA | 635 | 595 | 555 | 520 | 535 | 570 | 580 | 620 | 615 | 600 |
| 36 | SMCB | 1.790 | 1.795 | 1.780 | 1.775 | 1.850 | 1.850 | 1.845 | 1.845 | 1.86 | 1.895 |
| 37 | ARTO | 10.450 | 10.000 | 9.375 | 9.575 | 9.450 | 9.900 | 10.075 | 10.000 | 9.725 | 10.000 |
| 38 | IMAS | 715 | 885 | 825 | 815 | 825 | 825 | 775 | 770 | 770 | 750 |
| 39 | APLN | 93 | 96 | 90 | 91 | 89 | 94 | 100 | 115 | 117 | 110 |
| 40 | CITA | 2.000 | 1.910 | 1.900 | 1.900 | 1.950 | 1.950 | 1.850 | 1.710 | 1.875 | 1.990 |

Sumber : data olah 2023

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| No. | Kode Emiten | Ask | | | | | | | | | |
| t+11 | t+12 | t+13 | t+14 | t+15 | t+16 | t+17 | t+18 | t+19 | t+20 |
| 1 | BBTN | 1.265 | 1.27 | 1.275 | 1.305 | 1.315 | 1.335 | 1.385 | 1.380 | 1.395 | 1.380 |
| 2 | EXCL | 2.300 | 2.310 | 2.360 | 2.420 | 2.370 | 2.370 | 2.330 | 2.310 | 2.290 | 2.240 |
| 3 | BRIS | 1.325 | 1.335 | 1.35 | 1.355 | 1.345 | 1.385 | 1.38 | 1.375 | 1.420 | 1.395 |
| 4 | BABP | 93 | 91 | 91 | 91 | 93 | 92 | 93 | 92 | 94 | 96 |
| 5 | BVIC | 104 | 102 | 103 | 102 | 103 | 102 | 104 | 105 | 108 | 110 |
| 6 | SMGR | 7.400 | 7.225 | 7.400 | 7.250 | 7.000 | 7.125 | 7.050 | 7.100 | 7.075 | 7.325 |
| 7 | BGTG | 87 | 89 | 88 | 87 | 87 | 88 | 90 | 92 | 92 | 91 |
| 8 | BNBA | 955 | 970 | 950 | 930 | 930 | 870 | 840 | 880 | 875 | 860 |
| 9 | VICO | 164 | 162 | 162 | 152 | 148 | 139 | 138 | 133 | 134 | 133 |
| 10 | MITI | 178 | 170 | 174 | 168 | 165 | 159 | 159 | 158 | 156 | 157 |
| 11 | BBYB | 655 | 655 | 655 | 650 | 635 | 650 | 660 | 660 | 655 | 615 |
| 12 | BNBA | 988 | 995 | 970 | 960 | 945 | 925 | 940 | 940 | 955 | 970 |
| 13 | IATA | 140 | 140 | 134 | 125 | 127 | 130 | 132 | 132 | 131 | 133 |
| 14 | SAME | 270 | 270 | 272 | 268 | 266 | 262 | 264 | 270 | 270 | 274 |
| 15 | ADHI | 530 | 525 | 525 | 525 | 515 | 482 | 488 | 505 | 505 | 505 |
| 16 | DNAR | 173 | 170 | 170 | 165 | 169 | 168 | 168 | 167 | 166 | 164 |
| 17 | WEHA | 114 | 114 | 113 | 111 | 113 | 113 | 112 | 112 | 111 | 127 |
| 18 | AHAP | 92 | 91 | 88 | 87 | 84 | 81 | 83 | 85 | 83 | 83 |
| 19 | PANI | 1.880 | 1.745 | 1.625 | 1.515 | 1.410 | 1.315 | 1.525 | 1.495 | 1.465 | 1.405 |
| 20 | KIOS | 422 | 424 | 434 | 428 | 448 | 446 | 430 | 434 | 436 | 428 |
| 21 | TAMA | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 22 | ESTA | 448 | 418 | 390 | 364 | 402 | 372 | 346 | 322 | 348 | 324 |
| 23 | JAST | 114 | 113 | 111 | 112 | 115 | 119 | 125 | 117 | 110 | 107 |
| 24 | MLPL | 216 | 214 | 198 | 199 | 199 | 194 | 189 | 200 | 197 | 200 |
| 25 | BJBR | 1.520 | 1.520 | 1.440 | 1.420 | 1.415 | 1.415 | 1.435 | 1.450 | 1.430 | 1.445 |
| 26 | BGTG | 198 | 200 | 198 | 193 | 194 | 194 | 195 | 194 | 182 | 177 |
| 27 | ABBA | 296 | 296 | 282 | 288 | 284 | 276 | 286 | 276 | 274 | 274 |
| 28 | BRMS | 137 | 136 | 140 | 139 | 138 | 133 | 136 | 138 | 137 | 139 |
| 29 | COCO | 290 | 292 | 290 | 292 | 292 | 296 | 306 | 306 | 308 | 316 |
| 30 | GSMF | 141 | 132 | 131 | 126 | 129 | 127 | 134 | 140 | 137 | 128 |
| 31 | MPPA | 350 | 326 | 304 | 302 | 294 | 284 | 268 | 254 | 282 | 262 |
| 32 | YELO | 158 | 157 | 155 | 492 | 162 | 158 | 149 | 152 | 149 | 147 |
| 33 | BEKS | 69 | 69 | 68 | 67 | 68 | 68 | 68 | 67 | 64 | 65 |
| 34 | SDRA | 640 | 645 | 640 | 635 | 630 | 625 | 620 | 620 | 620 | 620 |
| 35 | TIFA | 540 | 510 | 520 | 530 | 525 | 515 | 505 | 520 | 525 | 520 |
| 36 | SMCB | 1.950 | 1.935 | 1.930 | 1.935 | 1.925 | 1.915 | 1.910 | 1.950 | 1.940 | 1.935 |
| 37 | ARTO | 10.075 | 10.075 | 10.050 | 9.925 | 10.050 | 10.750 | 10.575 | 10.950 | 11.100 | 11.225 |
| 38 | IMAS | 735 | 995 | 785 | 755 | 700 | 680 | 705 | 700 | 985 | 725 |
| 39 | APLN | 109 | 107 | 112 | 109 | 104 | 108 | 104 | 99 | 100 | 102 |
| 40 | CITA | 2.000 | 1.950 | 1.310 | 1.845 | 1.850 | 1.950 | 1.925 | 1.950 | 1.950 | 1.900 |

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| No. | Kode Emiten | Ask | | | | | | | | | |
| t+21 | t+22 | t+23 | t+24 | t+25 | t+26 | t+27 | t+28 | t+29 | t+30 |
| 1 | BBTN | 1.360 | 1.370 | 1.355 | 1.385 | 1.370 | 1.375 | 1.390 | 1.370 | 1.385 | 1.380 |
| 2 | EXCL | 2.300 | 2.290 | 2.240 | 2.250 | 2.310 | 2.320 | 2.290 | 2.250 | 2.260 | 2.310 |
| 3 | BRIS | 1.380 | 1.335 | 1.345 | 1.350 | 1.360 | 1.320 | 1.335 | 1.335 | 1.320 | 1.325 |
| 4 | BABP | 93 | 92 | 92 | 94 | 95 | 94 | 93 | 105 | 102 | 101 |
| 5 | BVIC | 113 | 109 | 110 | 110 | 110 | 110 | 110 | 111 | 109 | 108 |
| 6 | SMGR | 7.275 | 7.225 | 7.400 | 7.350 | 7.350 | 7.275 | 7.250 | 7.250 | 7.225 | 7.350 |
| 7 | BGTG | 93 | 90 | 91 | 90 | 90 | 90 | 91 | 91 | 90 | 90 |
| 8 | BNBA | 890 | 880 | 890 | 900 | 915 | 935 | 970 | 955 | 945 | 935 |
| 9 | VICO | 148 | 131 | 129 | 128 | 128 | 129 | 128 | 132 | 132 | 133 |
| 10 | MITI | 157 | 159 | 160 | 160 | 160 | 161 | 161 | 162 | 162 | 163 |
| 11 | BBYB | 620 | 650 | 660 | 660 | 710 | 705 | 695 | 685 | 670 | 690 |
| 12 | BNBA | 935 | 930 | 930 | 950 | 930 | 880 | 875 | 860 | 890 | 880 |
| 13 | IATA | 131 | 126 | 124 | 123 | 120 | 123 | 120 | 120 | 120 | 126 |
| 14 | SAME | 276 | 276 | 284 | 296 | 312 | 312 | 312 | 326 | 322 | 320 |
| 15 | ADHI | 505 | 498 | 500 | 505 | 498 | 494 | 500 | 520 | 520 | 510 |
| 16 | DNAR | 165 | 165 | 164 | 159 | 159 | 157 | 161 | 156 | 167 | 167 |
| 17 | WEHA | 119 | 123 | 125 | 133 | 128 | 128 | 126 | 124 | 115 | 111 |
| 18 | AHAP | 87 | 84 | 85 | 84 | 82 | 82 | 80 | 78 | 78 | 78 |
| 19 | PANI | 1.305 | 1.220 | 1.245 | 1.230 | 1.145 | 1.070 | 1.015 | 945 | 915 | 1.020 |
| 20 | KIOS | 430 | 476 | 535 | 525 | 505 | 496 | 535 | 500 | 505 | 510 |
| 21 | TAMA | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 22 | ESTA | 302 | 282 | 264 | 246 | 230 | 214 | 50 | 202 | 204 | 220 |
| 23 | JAST | 109 | 108 | 108 | 110 | 109 | 115 | 113 | 109 | 107 | 106 |
| 24 | MLPL | 190 | 183 | 187 | 176 | 172 | 177 | 179 | 173 | 176 | 185 |
| 25 | BJBR | 1.450 | 1.455 | 1.465 | 1.465 | 1.465 | 1.475 | 1.435 | 1.435 | 1.435 | 1.420 |
| 26 | BGTG | 175 | 184 | 177 | 175 | 173 | 173 | 166 | 158 | 159 | 163 |
| 27 | ABBA | 256 | 240 | 175 | 246 | 244 | 232 | 230 | 224 | 210 | 196 |
| 28 | BRMS | 148 | 145 | 150 | 159 | 171 | 172 | 172 | 171 | 171 | 185 |
| 29 | COCO | 316 | 316 | 316 | 316 | 316 | 316 | 314 | 316 | 318 | 316 |
| 30 | GSMF | 121 | 123 | 125 | 125 | 126 | 133 | 130 | 132 | 316 | 143 |
| 31 | MPPA | 244 | 228 | 181 | 200 | 226 | 228 | 0 | 266 | 294 | 340 |
| 32 | YELO | 146 | 138 | 129 | 125 | 135 | 140 | 142 | 137 | 137 | 132 |
| 33 | BEKS | 64 | 65 | 66 | 65 | 64 | 63 | 65 | 64 | 64 | 64 |
| 34 | SDRA | 615 | 605 | 605 | 600 | 595 | 600 | 595 | 595 | 595 | 600 |
| 35 | TIFA | 515 | 520 | 520 | 515 | 525 | 630 | 680 | 700 | 700 | 670 |
| 36 | SMCB | 1.895 | 1.915 | 1.910 | 1.900 | 1.910 | 1.900 | 1.885 | 1.875 | 1.860 | 1.860 |
| 37 | ARTO | 10.575 | 10.825 | 10.775 | 10.600 | 10.350 | 9.950 | 10.050 | 10.475 | 10.400 | 10.175 |
| 38 | IMAS | 745 | 700 | 665 | 635 | 595 | 650 | 650 | 660 | 725 | 725 |
| 39 | APLN | 100 | 98 | 107 | 104 | 105 | 101 | 101 | 101 | 101 | 106 |
| 40 | CITA | 1.815 | 1.690 | 1.700 | 1.690 | 1.680 | 1.675 | 1.640 | 1.940 | 1.625 | 1.900 |

**Lampiran 9 Data Bid**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Kode Emiten | Bid | | | | | | | | | | |
| t-30 | t-29 | t-28 | t-27 | t-26 | t-25 | t-24 | t-23 | t-22 | t-21 | t-20 |
| 1 | BBTN | 1.515 | 1.510 | 1.515 | 1.515 | 1.515 | 1.515 | 1.525 | 1.525 | 1.530 | 1.540 | 1.510 |
| 2 | EXCL | 2.290 | 2.270 | 2.280 | 2.280 | 2.260 | 2.210 | 2.200 | 2.200 | 2.170 | 2.240 | 2.290 |
| 3 | BRIS | 1.360 | 1.355 | 1.360 | 1.360 | 1.375 | 1.385 | 1.365 | 1.355 | 1.330 | 1.330 | 1.325 |
| 4 | BABP | 123 | 122 | 124 | 125 | 133 | 126 | 131 | 129 | 126 | 0 | 0 |
| 5 | BVIC | 134 | 133 | 133 | 133 | 135 | 134 | 133 | 133 | 132 | 133 | 131 |
| 6 | SMGR | 7.625 | 7.625 | 7.700 | 7.700 | 7.700 | 7.650 | 7.600 | 7.675 | 7.675 | 7.600 | 7.600 |
| 7 | BGTG | 99 | 99 | 99 | 100 | 100 | 99 | 99 | 101 | 100 | 98 | 98 |
| 8 | BNBA | 1.515 | 1.500 | 1.520 | 1.510 | 1.500 | 1.495 | 1.485 | 1.490 | 1.480 | 1.480 | 1.530 |
| 9 | VICO | 248 | 242 | 232 | 228 | 228 | 220 | 224 | 258 | 0 | 0 | 216 |
| 10 | MITI | 166 | 166 | 164 | 167 | 167 | 169 | 164 | 164 | 163 | 164 | 163 |
| 11 | BBYB | 945 | 880 | 885 | 830 | 805 | 825 | 830 | 840 | 815 | 890 | 860 |
| 12 | BNBA | 1.465 | 1.545 | 1.500 | 1.515 | 1.485 | 1.485 | 1.475 | 1.485 | 1.515 | 1.500 | 1.520 |
| 13 | IATA | 139 | 138 | 139 | 140 | 139 | 139 | 154 | 153 | 155 | 151 | 154 |
| 14 | SAME | 284 | 278 | 288 | 296 | 294 | 290 | 280 | 280 | 270 | 268 | 268 |
| 15 | ADHI | 710 | 730 | 740 | 745 | 740 | 730 | 720 | 730 | 715 | 720 | 715 |
| 16 | DNAR | 177 | 178 | 180 | 179 | 176 | 176 | 174 | 169 | 170 | 174 | 175 |
| 17 | WEHA | 170 | 170 | 171 | 174 | 172 | 173 | 175 | 0 | 158 | 159 | 154 |
| 18 | AHAP | 59 | 58 | 57 | 61 | 63 | 85 | 81 | 99 | 130 | 0 | 120 |
| 19 | PANI | 8.125 | 8.225 | 8.400 | 8.475 | 9.800 | 10.000 | 11.000 | 11.925 | 11.925 | 10.000 | 0 |
| 20 | KIOS | 236 | 228 | 238 | 270 | 0 | 242 | 240 | 260 | 258 | 254 | 270 |
| 21 | TAMA | 53 | 53 | 53 | 54 | 53 | 53 | 53 | 53 | 258 | 56 | 56 |
| 22 | ESTA | 780 | 815 | 0 | 760 | 0 | 690 | 660 | 625 | 680 | 740 | 710 |
| 23 | JAST | 137 | 139 | 139 | 139 | 137 | 138 | 147 | 142 | 142 | 141 | 139 |
| 24 | MLPL | 230 | 240 | 240 | 242 | 234 | 220 | 220 | 208 | 214 | 218 | 204 |
| 25 | BJBR | 1.335 | 1.350 | 1.370 | 1.390 | 1.375 | 1.395 | 1.380 | 1.400 | 1.405 | 1.400 | 1.395 |
| 26 | BGTG | 212 | 214 | 226 | 238 | 228 | 242 | 254 | 282 | 264 | 264 | 278 |
| 27 | ABBA | 324 | 0 | 282 | 304 | 312 | 312 | 318 | 346 | 340 | 338 | 334 |
| 28 | BRMS | 178 | 115 | 113 | 113 | 114 | 111 | 114 | 116 | 118 | 118 | 118 |
| 29 | COCO | 238 | 250 | 278 | 282 | 294 | 278 | 270 | 260 | 254 | 244 | 250 |
| 30 | GSMF | 204 | 202 | 199 | 204 | 204 | 254 | 316 | 322 | 314 | 296 | 328 |
| 31 | MPPA | 565 | 545 | 540 | 520 | 565 | 540 | 525 | 510 | 500 | 490 | 490 |
| 32 | YELO | 398 | 394 | 422 | 418 | 422 | 412 | 392 | 404 | 404 | 424 | 404 |
| 33 | BEKS | 104 | 105 | 103 | 101 | 100 | 99 | 98 | 99 | 98 | 93 | 91 |
| 34 | SDRA | 755 | 795 | 750 | 735 | 720 | 730 | 725 | 715 | 770 | 730 | 730 |
| 35 | TIFA | 905 | 870 | 875 | 935 | 830 | 885 | 885 | 870 | 865 | 810 | 815 |
| 36 | SMCB | 1.680 | 1.670 | 1.665 | 1.630 | 1.625 | 1.640 | 1.660 | 1.650 | 1.580 | 1.710 | 1.765 |
| 37 | ARTO | 7.100 | 6.950 | 6.975 | 7.075 | 7.050 | 7.000 | 7.125 | 7.200 | 7.650 | 7.900 | 8.450 |
| 38 | IMAS | 645 | 635 | 630 | 650 | 640 | 630 | 640 | 635 | 690 | 665 | 660 |
| 39 | APLN | 157 | 155 | 153 | 152 | 150 | 156 | 158 | 156 | 153 | 147 | 147 |
| 40 | CITA | 1.850 | 1.940 | 1.900 | 2.000 | 1.710 | 1.900 | 1.995 | 1.900 | 1.860 | 1.750 | 1.605 |

Sumber : data olah 2023

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| No. | kode Emiten | Bid | | | | | | | | | |
| t-19 | t-18 | t-17 | t-16 | t-15 | t-14 | t-13 | t-12 | t-11 | t-10 |
| 1 | BBTN | 1.455 | 1.410 | 1.395 | 1.395 | 1.360 | 1.380 | 1.395 | 1.390 | 1.385 | 1.360 |
| 2 | EXCL | 2.300 | 2.280 | 2.220 | 2.160 | 2.070 | 2.060 | 2.020 | 2.070 | 2.050 | 2.010 |
| 3 | BRIS | 1.315 | 1.310 | 1.290 | 1.270 | 1.260 | 1.225 | 1.245 | 1.295 | 1.215 | 1.210 |
| 4 | BABP | 113 | 116 | 111 | 107 | 105 | 104 | 103 | 106 | 106 | 106 |
| 5 | BVIC | 128 | 126 | 123 | 122 | 123 | 123 | 120 | 123 | 121 | 115 |
| 6 | SMGR | 7.675 | 7.650 | 7.675 | 0 | 6.975 | 6.925 | 6.925 | 6.725 | 7.000 | 6.975 |
| 7 | BGTG | 97 | 96 | 94 | 95 | 92 | 90 | 90 | 90 | 90 | 94 |
| 8 | BNBA | 1.495 | 1.425 | 1.365 | 1.360 | 1.310 | 1.230 | 0 | 1.195 | 1.190 | 1.240 |
| 9 | VICO | 206 | 210 | 210 | 214 | 208 | 208 | 216 | 208 | 206 | 202 |
| 10 | MITI | 163 | 162 | 164 | 164 | 165 | 164 | 162 | 162 | 163 | 161 |
| 11 | BBYB | 915 | 900 | 920 | 900 | 945 | 935 | 870 | 865 | 935 | 910 |
| 12 | BNBA | 1.495 | 1.500 | 1.495 | 1.485 | 1.490 | 1.480 | 1.480 | 1.530 | 1.495 | 1.425 |
| 13 | IATA | 154 | 149 | 148 | 144 | 142 | 139 | 140 | 139 | 139 | 139 |
| 14 | SAME | 266 | 274 | 270 | 280 | 282 | 286 | 294 | 292 | 294 | 290 |
| 15 | ADHI | 695 | 0 | 620 | 615 | 620 | 630 | 605 | 625 | 585 | 550 |
| 16 | DNAR | 173 | 173 | 171 | 167 | 168 | 160 | 159 | 157 | 159 | 162 |
| 17 | WEHA | 155 | 155 | 158 | 157 | 154 | 149 | 146 | 129 | 128 | 126 |
| 18 | AHAP | 0 | 0 | 112 | 157 | 110 | 103 | 107 | 83 | 81 | 83 |
| 19 | PANI | 0 | 0 | 1 | 0 | 0 | 11.425 | 12.550 | 0 | 0 | 11.800 |
| 20 | KIOS | 280 | 328 | 302 | 302 | 300 | 314 | 304 | 296 | 300 | 288 |
| 21 | TAMA | 0 | 54 | 52 | 50 | 50 | 50 | 50 | 50 | 50 | 0 |
| 22 | ESTA | 760 | 765 | 800 | 1.000 | 0 | 0 | 1.010 | 1.160 | 1.450 | 705 |
| 23 | JAST | 140 | 139 | 144 | 141 | 141 | 139 | 131 | 125 | 126 | 128 |
| 24 | MLPL | 196 | 194 | 197 | 202 | 224 | 234 | 220 | 216 | 216 | 238 |
| 25 | BJBR | 1.400 | 1.400 | 1.410 | 1.385 | 1.390 | 1.400 | 1.410 | 1.395 | 1.370 | 1.390 |
| 26 | BGTG | 268 | 290 | 276 | 266 | 0 | 240 | 230 | 232 | 0 | 218 |
| 27 | ABBA | 332 | 350 | 396 | 400 | 500 | 486 | 476 | 352 | 354 | 356 |
| 28 | BRMS | 125 | 0 | 111 | 118 | 115 | 120 | 123 | 112 | 109 | 110 |
| 29 | COCO | 248 | 113 | 280 | 276 | 280 | 272 | 280 | 276 | 274 | 288 |
| 30 | GSMF | 348 | 0 | 0 | 320 | 382 | 406 | 0 | 440 | 314 | 298 |
| 31 | MPPA | 476 | 452 | 486 | 565 | 585 | 560 | 535 | 510 | 498 | 492 |
| 32 | YELO | 408 | 424 | 410 | 420 | 418 | 408 | 384 | 210 | 262 | 326 |
| 33 | BEKS | 94 | 94 | 94 | 94 | 0 | 82 | 84 | 86 | 80 | 79 |
| 34 | SDRA | 715 | 0 | 635 | 655 | 635 | 625 | 640 | 640 | 645 | 640 |
| 35 | TIFA | 825 | 845 | 850 | 845 | 850 | 1.085 | 1.065 | 1.330 | 1.665 | 2.080 |
| 36 | SMCB | 1.710 | 1.755 | 1.790 | 1.715 | 1.730 | 1.720 | 1.720 | 1.725 | 1.695 | 1.685 |
| 37 | ARTO | 8.600 | 9.375 | 10.875 | 0 | 10.525 | 10.350 | 9.975 | 9.975 | 10.225 | 10.900 |
| 38 | IMAS | 650 | 695 | 715 | 715 | 675 | 650 | 670 | 665 | 650 | 580.000 |
| 39 | APLN | 143 | 136 | 118 | 136 | 137 | 145 | 144 | 141 | 130 | 129 |
| 40 | CITA | 1.650 | 1.610 | 1.600 | 1.850 | 1.600 | 1.960 | 1.960 | 1.750 | 1.680 | 1.890 |

Sumber : data olah 2023

**(Lanjutan)**

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| No. | Kode Emiten | Bid | | | | | | | | | |
| t-9 | t-8 | t-7 | t-6 | t-5 | t-4 | t-3 | t-2 | t-1 | t-0 |
| 1 | BBTN | 1.360 | 1.375 | 1.395 | 1.405 | 1.340 | 1.370 | 1.410 | 1.355 | 1.350 | 1.350 |
| 2 | EXCL | 2.050 | 2.090 | 2.070 | 2.090 | 2.080 | 2.080 | 2.130 | 2.140 | 2.140 | 2.140 |
| 3 | BRIS | 1.195 | 1.120 | 1.100 | 1.150 | 1.220 | 1.215 | 1.310 | 1.280 | 1.270 | 1.290 |
| 4 | BABP | 105 | 103 | 101 | 100 | 101 | 103 | 103 | 105 | 102 | 101 |
| 5 | BVIC | 114 | 112 | 107 | 105 | 107 | 107 | 107 | 106 | 106 | 106 |
| 6 | SMGR | 7.200 | 7.000 | 112 | 6.750 | 6.700 | 6.700 | 6.750 | 6.800 | 6.650 | 6.675 |
| 7 | BGTG | 93 | 93 | 92 | 88 | 88 | 84 | 85 | 85 | 85 | 86 |
| 8 | BNBA | 1.230 | 1.190 | 1.155 | 1.210 | 1.190 | 1.190 | 1.170 | 1.160 | 1.125 | 1.115 |
| 9 | VICO | 194 | 184 | 174 | 163 | 157 | 161 | 163 | 162 | 170 | 166 |
| 10 | MITI | 164 | 160 | 160 | 156 | 156 | 156 | 155 | 163 | 161 | 160 |
| 11 | BBYB | 0 | 0 | 775 | 730 | 795 | 790 | 0 | 715 | 685 | 685 |
| 12 | BNBA | 1.365 | 1.360 | 1.310 | 1,230 | 0 | 1.195 | 1.190 | 1.240 | 1.230 | 1.190 |
| 13 | IATA | 140 | 142 | 139 | 139 | 139 | 141 | 140 | 139 | 140 | 139 |
| 14 | SAME | 290 | 284 | 286 | 284 | 284 | 280 | 284 | 282 | 280 | 282 |
| 15 | ADHI | 550 | 550 | 560 | 550 | 550 | 550 | 540 | 515 | 535 | 530 |
| 16 | DNAR | 163 | 167 | 167 | 168 | 163 | 163 | 163 | 163 | 164 | 163 |
| 17 | WEHA | 131 | 128 | 129 | 128 | 129 | 158 | 0 | 0 | 0 | 124 |
| 18 | AHAP | 95 | 95 | 98 | 105 | 0 | 99 | 116 | 125 | 139 | 135 |
| 19 | PANI | 925 | 1.015 | 1.115 | 1.150 | 0 | 0 | 930 | 1.020 | 1.120 | 1.165 |
| 20 | KIOS | 284 | 274 | 272 | 292 | 354 | 362 | 450 | 438 | 505 | 505 |
| 21 | TAMA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | ESTA | 705 | 0 | 0 | 370 | 0 | 348 | 370 | 346 | 330 | 376 |
| 23 | JAST | 129 | 126 | 135 | 129 | 127 | 128 | 128 | 128 | 128 | 107 |
| 24 | MLPL | 226 | 234 | 232 | 230 | 234 | 260 | 260 | 238 | 252 | 238 |
| 25 | BJBR | 1.380 | 1.385 | 1.400 | 1.420 | 1.405 | 1.410 | 1.405 | 1.445 | 1.415 | 1.430 |
| 26 | BGTG | 208 | 202 | 192 | 199 | 187 | 188 | 202 | 199 | 193 | 198 |
| 27 | ABBA | 0 | 0 | 308 | 306 | 328 | 306 | 0 | 280 | 306 | 302 |
| 28 | BRMS | 108 | 114 | 116 | 112 | 115 | 113 | 112 | 112 | 109 | 106 |
| 29 | COCO | 288 | 280 | 286 | 284 | 308 | 0 | 290 | 294 | 288 | 292 |
| 30 | GSMF | 304 | 0 | 316 | 304 | 296 | 276 | 0 | 0 | 0 | 0 |
| 31 | MPPA | 515 | 500 | 498 | 490 | 474 | 462 | 464 | 468 | 456 | 450 |
| 32 | YELO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 177 | 168 |
| 33 | BEKS | 78 | 77 | 67 | 78 | 81 | 78 | 77 | 78 | 77 | 0 |
| 34 | SDRA | 635 | 635 | 630 | 635 | 645 | 645 | 640 | 645 | 640 | 645 |
| 35 | TIFA | 1.185 | 1.185 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 | SMCB | 1.685 | 1.730 | 1.720 | 1.715 | 1.785 | 1.775 | 1.750 | 1.795 | 1.805 | 1.805 |
| 37 | ARTO | 11.075 | 9.500 | 9.700 | 10.225 | 10.825 | 11.350 | 10.825 | 0 | 9.850 | 10.575 |
| 38 | IMAS | 620 | 625 | 605 | 585 | 565 | 700 | 0 | 620 | 625 | 650 |
| 39 | APLN | 118 | 0 | 0 | 0 | 0 | 83 | 79 | 84 | 79 | 83 |
| 40 | CITA | 1.900 | 1.760 | 1.750 | 1.805 | 1.840 | 1.860 | 1.815 | 1.775 | 1.850 | 1.860 |

Sumber : data olah 2023

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| No. | Kode Emiten | Bid | | | | | | | | | |
| t+1 | t+2 | t+3 | t+4 | t+5 | t+6 | t+7 | t+8 | t+9 | t+10 |
| 1 | BBTN | 1.335 | 1.315 | 1.320 | 1.305 | 1.340 | 1.325 | 1.240 | 1.230 | 1.255 | 1.245 |
| 2 | EXCL | 2.160 | 2.340 | 2.330 | 2.280 | 2.250 | 2.280 | 2.290 | 2.310 | 2.290 | 2.260 |
| 3 | BRIS | 1.285 | 1.280 | 1.390 | 1.380 | 1.330 | 1.385 | 1.365 | 1.325 | 1.335 | 1.330 |
| 4 | BABP | 101 | 104 | 104 | 102 | 98 | 98 | 93 | 88 | 90 | 91 |
| 5 | BVIC | 107 | 109 | 112 | 111 | 106 | 107 | 105 | 100 | 103 | 103 |
| 6 | SMGR | 6.650 | 6.600 | 6.600 | 6.675 | 6.775 | 6.700 | 7.075 | 7.150 | 7.050 | 6.975 |
| 7 | BGTG | 92 | 89 | 87 | 92 | 90 | 89 | 87 | 87 | 85 | 84 |
| 8 | BNBA | 0 | 975 | 995 | 990 | 960 | 955 | 940 | 920 | 925 | 935 |
| 9 | VICO | 167 | 0 | 164 | 167 | 164 | 166 | 164 | 165 | 166 | 163 |
| 10 | MITI | 160 | 160 | 158 | 157 | 157 | 157 | 158 | 157 | 157 | 169 |
| 11 | BBYB | 675 | 675 | 710 | 705 | 745 | 730 | 710 | 0 | 625 | 635 |
| 12 | BNBA | 1.155 | 1210 | 1.190 | 1.190 | 1.170 | 1.160 | 1.125 | 1.115 | 0 | 975 |
| 13 | IATA | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 |
| 14 | SAME | 280 | 278 | 274 | 276 | 274 | 276 | 276 | 278 | 280 | 270 |
| 15 | ADHI | 525 | 520 | 535 | 535 | 535 | 530 | 535 | 545 | 535 | 530 |
| 16 | DNAR | 163 | 159 | 178 | 178 | 187 | 182 | 180 | 177 | 179 | 174 |
| 17 | WEHA | 122 | 116 | 114 | 114 | 121 | 124 | 158 | 112 | 114 | 114 |
| 18 | AHAP | 0 | 128 | 123 | 127 | 129 | 128 | 59 | 92 | 92 | 93 |
| 19 | PANI | 1.160 | 1.165 | 1.280 | 1.550 | 1.500 | 1.500 | 1.565 | 1.875 | 1.835 | 1.865 |
| 20 | KIOS | 500 | 515 | 530 | 560 | 560 | 535 | 550 | 0 | 0 | 0 |
| 21 | TAMA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | ESTA | 384 | 398 | 434 | 428 | 462 | 490 | 505 | 488 | 515 | 0 |
| 23 | JAST | 124 | 121 | 121 | 119 | 115 | 114 | 108 | 111 | 111 | 111 |
| 24 | MLPL | 232 | 232 | 238 | 224 | 230 | 230 | 234 | 222 | 214 | 218 |
| 25 | BJBR | 1.445 | 1.475 | 1.480 | 1.525 | 1.540 | 1.520 | 1.525 | 1.520 | 1.525 | 1.515 |
| 26 | BGTG | 212 | 208 | 202 | 198 | 198 | 197 | 197 | 193 | 191 | 199 |
| 27 | ABBA | 318 | 312 | 0 | 298 | 296 | 292 | 294 | 306 | 298 | 296 |
| 28 | BRMS | 103 | 103 | 103 | 101 | 109 | 109 | 111 | 120 | 127 | 123 |
| 29 | COCO | 294 | 288 | 286 | 286 | 290 | 288 | 290 | 288 | 292 | 290 |
| 30 | GSMF | 0 | 0 | 0 | 0 | 161 | 0 | 143 | 170 | 0 | 0 |
| 31 | MPPA | 426 | 428 | 420 | 418 | 432 | 424 | 424 | 400 | 384 | 0 |
| 32 | YELO | 164 | 167 | 159 | 159 | 157 | 155 | 159 | 81 | 156 | 159 |
| 33 | BEKS | 71 | 73 | 74 | 73 | 73 | 73 | 72 | 72 | 70 | 70 |
| 34 | SDRA | 645 | 645 | 640 | 625 | 630 | 630 | 630 | 630 | 625 | 640 |
| 35 | TIFA | 0 | 0 | 0 | 0 | 530 | 560 | 575 | 615 | 605 | 575 |
| 36 | SMCB | 1.785 | 1.780 | 1.775 | 1.770 | 1.845 | 1.845 | 1.840 | 1.840 | 1.845 | 1.890 |
| 37 | ARTO | 10.425 | 9.975 | 9.350 | 9.550 | 9.425 | 9.875 | 10.050 | 9.975 | 9.700 | 9.975 |
| 38 | IMAS | 710 | 880 | 0 | 810 | 820 | 820 | 770 | 765 | 765 | 745 |
| 39 | APLN | 92 | 95 | 89 | 90 | 88 | 93 | 99 | 116 | 116 | 109 |
| 40 | CITA | 1.950 | 1.990 | 1.890 | 1.775 | 1.850 | 1.775 | 1.600 | 1.900 | 1.800 | 1.870 |

**(Lanjutan)**

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| No. | Kode Emiten | Bid | | | | | | | | | |
| t+11 | t+12 | t+13 | t+14 | t+15 | t+16 | t+17 | t+18 | t+19 | t+20 |
| 1 | BBTN | 1.270 | 1.275 | 1.280 | 1.310 | 1.320 | 1.340 | 1.340 | 1.385 | 1.400 | 1.375 |
| 2 | EXCL | 2.290 | 2.300 | 2.350 | 2.410 | 2.360 | 2.360 | 2.360 | 2.300 | 2.280 | 2.230 |
| 3 | BRIS | 1.320 | 1.330 | 1.345 | 1.350 | 1.340 | 1.380 | 1.380 | 1.370 | 1.415 | 1.390 |
| 4 | BABP | 92 | 90 | 90 | 90 | 92 | 91 | 91 | 91 | 93 | 95 |
| 5 | BVIC | 103 | 101 | 102 | 101 | 102 | 101 | 101 | 104 | 107 | 109 |
| 6 | SMGR | 7.375 | 7.200 | 7.375 | 7.225 | 6.975 | 7.100 | 7.100 | 7.075 | 7.050 | 7.300 |
| 7 | BGTG | 86 | 88 | 87 | 86 | 86 | 87 | 87 | 91 | 91 | 90 |
| 8 | BNBA | 950 | 965 | 940 | 920 | 910 | 865 | 865 | 875 | 860 | 850 |
| 9 | VICO | 163 | 161 | 161 | 151 | 145 | 138 | 138 | 132 | 130 | 129 |
| 10 | MITI | 177 | 169 | 172 | 167 | 162 | 158 | 158 | 156 | 155 | 156 |
| 11 | BBYB | 650 | 650 | 650 | 645 | 630 | 645 | 645 | 655 | 650 | 610 |
| 12 | BNBA | 995 | 990 | 960 | 955 | 940 | 920 | 920 | 935 | 950 | 965 |
| 13 | IATA | 139 | 139 | 133 | 0 | 117 | 129 | 129 | 131 | 130 | 132 |
| 14 | SAME | 268 | 264 | 270 | 258 | 260 | 260 | 260 | 268 | 268 | 272 |
| 15 | ADHI | 525 | 520 | 520 | 520 | 510 | 480 | 480 | 500 | 500 | 500 |
| 16 | DNAR | 172 | 169 | 169 | 164 | 168 | 167 | 167 | 165 | 165 | 163 |
| 17 | WEHA | 113 | 113 | 112 | 110 | 112 | 112 | 112 | 110 | 109 | 126 |
| 18 | AHAP | 91 | 90 | 87 | 86 | 83 | 80 | 80 | 84 | 82 | 82 |
| 19 | PANI | 1.875 | 0 | 0 | 0 | 0 | 0 | 0 | 1.490 | 1.460 | 1.400 |
| 20 | KIOS | 0 | 422 | 432 | 426 | 446 | 444 | 444 | 432 | 434 | 426 |
| 21 | TAMA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | ESTA | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 346 | 0 |
| 23 | JAST | 113 | 112 | 110 | 111 | 114 | 118 | 118 | 0 | 109 | 106 |
| 24 | MLPL | 214 | 212 | 0 | 198 | 198 | 193 | 193 | 199 | 196 | 199 |
| 25 | BJBR | 1.515 | 1.515 | 1.435 | 1.415 | 1.410 | 1.410 | 1.410 | 1.445 | 1.425 | 1.440 |
| 26 | BGTG | 197 | 199 | 197 | 192 | 193 | 193 | 193 | 193 | 181 | 176 |
| 27 | ABBA | 292 | 294 | 280 | 286 | 282 | 274 | 274 | 274 | 272 | 272 |
| 28 | BRMS | 136 | 135 | 139 | 138 | 137 | 132 | 132 | 137 | 136 | 138 |
| 29 | COCO | 288 | 290 | 288 | 290 | 290 | 294 | 294 | 304 | 306 | 314 |
| 30 | GSMF | 140 | 0 | 130 | 124 | 128 | 125 | 125 | 139 | 136 | 127 |
| 31 | MPPA | 348 | 0 | 0 | 300 | 292 | 282 | 282 | 252 | 280 | 0 |
| 32 | YELO | 157 | 156 | 154 | 490 | 161 | 157 | 157 | 150 | 148 | 146 |
| 33 | BEKS | 68 | 68 | 67 | 66 | 67 | 67 | 67 | 66 | 63 | 64 |
| 34 | SDRA | 635 | 635 | 635 | 625 | 625 | 620 | 620 | 615 | 615 | 615 |
| 35 | TIFA | 535 | 505 | 515 | 520 | 510 | 510 | 510 | 515 | 510 | 510 |
| 36 | SMCB | 1.925 | 1.930 | 1.920 | 1.920 | 1.910 | 1.910 | 1.910 | 1.945 | 1.905 | 1.925 |
| 37 | ARTO | 10.05 | 10.05 | 10.025 | 9.900 | 10.025 | 10.725 | 10.725 | 10.925 | 11.050 | 11.200 |
| 38 | IMAS | 730 | 990 | 780 | 750 | 0 | 675 | 675 | 695 | 980 | 720 |
| 39 | APLN | 108 | 105 | 111 | 108 | 102 | 107 | 107 | 98 | 99 | 101 |
| 40 | CITA | 1.750 | 1.750 | 1.300 | 1.755 | 1.755 | 0 | 0 | 0 | 0 | 1.815 |

Sumber : data olah 2023

**(Lanjutan)**

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| No. | Kode Emiten | Bid | | | | | | | | | | | | | | | | | | |
| t+21 | | t+22 | | t+23 | | t+24 | | t+25 | | t+26 | | t+27 | | t+28 | | t+29 | | t+30 | |
| 1 | BBTN | 1.355 | | 1.365 | | 1.350 | | 1.380 | | 1.365 | | 1.370 | | 1.385 | | 1.365 | | 1.380 | | 1.375 | |
| 2 | EXCL | 2.290 | | 2.280 | | 2.230 | | 2.240 | | 2.300 | | 2.310 | | 2.280 | | 2.240 | | 2.250 | | 2.300 | |
| 3 | BRIS | 1.375 | | 1.330 | | 1.340 | | 1.345 | | 1.355 | | 1.315 | | 1.330 | | 1.33 | | 1.315 | | 1,320 | |
| 4 | BABP | 92 | | 91 | | 91 | | 93 | | 94 | | 93 | | 92 | | 104 | | 101 | | 100 | |
| 5 | BVIC | 112 | | 108 | | 109 | | 109 | | 109 | | 109 | | 109 | | 110 | | 108 | | 107 | |
| 6 | SMGR | 7.250 | | 7.200 | | 7.375 | | 7.325 | | 7.325 | | 7.250 | | 7.225 | | 7.225 | | 7.200 | | 7.325 | |
| 7 | BGTG | 92 | | 89 | | 90 | | 89 | | 89 | | 89 | | 90 | | 90 | | 89 | | 89 | |
| 8 | BNBA | 885 | | 875 | | 870 | | 895 | | 910 | | 925 | | 965 | | 950 | | 935 | | 930 | |
| 9 | VICO | 145 | | 129 | | 128 | | 126 | | 127 | | 127 | | 127 | | 131 | | 131 | | 132 | |
| 10 | MITI | 156 | | 158 | | 159 | | 159 | | 159 | | 160 | | 159 | | 161 | | 161 | | 162 | |
| 11 | BBYB | 615 | | 645 | | 655 | | 655 | | 705 | | 700 | | 690 | | 680 | | 665 | | 685 | |
| 12 | BNBA | 925 | | 920 | | 925 | | 945 | | 910 | | 875 | | 860 | | 850 | | 885 | | 875 | |
| 13 | IATA | 130 | | 125 | | 123 | | 122 | | 119 | | 122 | | 119 | | 119 | | 119 | | 125 | |
| 14 | SAME | 274 | | 274 | | 282 | | 294 | | 310 | | 310 | | 310 | | 324 | | 320 | | 318 | |
| 15 | ADHI | 500 | | 496 | | 498 | | 500 | | 496 | | 492 | | 498 | | 515 | | 515 | | 505 | |
| 16 | DNAR | 164 | | 164 | | 163 | | 157 | | 158 | | 156 | | 160 | | 155 | | 165 | | 166 | |
| 17 | WEHA | 0 | | 122 | | 124 | | 132 | | 127 | | 127 | | 125 | | 123 | | 0 | | 110 | |
| 18 | AHAP | 86 | | 83 | | 84 | | 83 | | 81 | | 81 | | 79 | | 76 | | 77 | | 77 | |
| 19 | PANI | 0 | | 1.215 | | 1.24 | | 1.225 | | 0 | | 1.065 | | 1.010 | | 0 | | 910 | | 1.015 | |
| 20 | KIOS | 428 | | 474 | | 530 | | 520 | | 500 | | 494 | | 530 | | 498 | | 500 | | 505 | |
| 21 | TAMA | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| 22 | ESTA | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 200 | | 202 | | 218 | |
| 23 | JAST | 108 | | 107 | | 107 | | 109 | | 108 | | 114 | | 112 | | 108 | | 106 | | 105 | |
| 24 | MLPL | 189 | | 182 | | 186 | | 175 | | 171 | | 176 | | 178 | | 172 | | 175 | | 184 | |
| 25 | BJBR | 1.445 | | 1.450 | | 1.460 | | 1.460 | | 1.460 | | 1.470 | | 1.430 | | 1.430 | | 1.430 | | 1.415 | |
| 26 | BGTG | 174 | | 183 | | 176 | | 174 | | 172 | | 172 | | 165 | | 157 | | 158 | | 162 | |
| 27 | ABBA | 0 | | 0 | | 174 | | 244 | | 240 | | 230 | | 228 | | 222 | | 208 | | 195 | |
| 28 | BRMS | 147 | | 144 | | 149 | | 158 | | 170 | | 171 | | 171 | | 170 | | 170 | | 184 | |
| 29 | COCO | 314 | | 314 | | 314 | | 314 | | 314 | | 314 | | 312 | | 314 | | 316 | | 314 | |
| 30 | GSMF | 120 | | 122 | | 124 | | 124 | | 125 | | 132 | | 129 | | 131 | | 314 | | 142 | |
| 31 | MPPA | 0 | | 0 | | 180 | | 0 | | 224 | | 226 | | 284 | | 0 | | 292 | | 338 | |
| 32 | YELO | 145 | | 137 | | 128 | | 124 | | 134 | | 139 | | 141 | | 136 | | 136 | | 131 | |
| 33 | BEKS | 63 | | 64 | | 65 | | 64 | | 63 | | 62 | | 64 | | 63 | | 63 | | 63 | |
| 34 | SDRA | 610 | | 600 | | 600 | | 595 | | 590 | | 595 | | 590 | | 585 | | 590 | | 595 | |
| 35 | TIFA | 505 | | 500 | | 505 | | 510 | | 515 | | 620 | | 675 | | 685 | | 665 | | 665 | |
| 36 | SMCB | 1.890 | | 1.910 | | 1.905 | | 1.895 | | 1.900 | | 1.895 | | 1.880 | | 1.870 | | 1.855 | | 1.855 | |
| 37 | ARTO | 10.550 | | 10.800 | | 10.750 | | 10.575 | | 10.325 | | 9.925 | | 10.025 | | 10.45 | | 10.375 | | 10.150 | |
| 38 | IMAS | 740 | | 695 | | 660 | | 630 | | 590 | | 645 | | 645 | | 650 | | 720 | | 720 | |
| 39 | APLN | 99 | | 97 | | 106 | | 103 | | 104 | | 100 | | 100 | | 100 | | 100 | | 105 | |
| 40 | CITA | 0 | 0 | | 1.690 | | 1.575 | | 0 | | 0 | | 0 | | 1.530 | | 1.530 | | 1.850 | |

Sumber : data olah 2023

**Lampiran 10 Descriptive Statistics**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Descriptive Statistics *Abnormal Return*** | | | | | |
|  | N | Minimum | Maximum | Mean | Std. Deviation |
| Abnormal Return Pre (t-30) | 40 | -.12 | 1.97 | .0086 | .31885 |
| Abnormal Return Post (t+30) | 40 | -.03 | 3.69 | .1247 | .58652 |
| Valid N (listwise) | 40 |  |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| **Descriptive Statistics Volume Perdagangan Saham (TVA)** | | | | | |
|  | N | Minimum | Maximum | Mean | Std. Deviation |
| Volume Perdagangan Saham Pre (t-30) | 40 | 156 | 593263893 | 54315777.53 | 107942063.765 |
| Volume Perdagangan Saham Post (t+30) | 40 | 10043 | 1085653584 | 85625517.82 | 214422352.328 |
| Valid N (listwise) | 40 |  |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| **Descriptive Statistics *Bid-Ask Spread*** | | | | | |
|  | N | Minimum | Maximum | Mean | Std. Deviation |
| Bid-Ask Spread Pre (t-30) | 40 | .04 | 1.58 | .7633 | .43405 |
| Bid-Ask Spread Post (t+30) | 40 | -.01 | .50 | .0369 | .08795 |
| Valid N (listwise) | 40 |  |  |  |  |

**Lampiran 11 Uji Normalitas One-Kolmogorov Smirnov**

|  |  |  |  |
| --- | --- | --- | --- |
| **One-Sample Kolmogorov-Smirnov Test Abnormal Return** | | | |
|  | | Abnormal Return Pre (t-30) | Abnormal Return Post (t+30) |
|  | |  |  |
| N | | 40 | 40 |
| Normal Parametersa,b | Mean | .0086 | .1247 |
| Std. Deviation | .31885 | .58652 |
| Most Extreme Differences | Absolute | .461 | .409 |
| Positive | .461 | .409 |
| Negative | -.365 | -.393 |
| Test Statistic | | .461 | .409 |
| Asymp. Sig. (2-tailed) | | .000c | .000c |
| a. Test distribution is Normal. | | | |
| b. Calculated from data. | | | |
| c. Lilliefors Significance Correction. | | | |

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| --- | --- | --- | --- |
| **One-Sample Kolmogorov-Smirnov Test Volume Perdagangan Saham** | | | |
|  | | Volume Perdagangan Saham Pre (t-30) | Volume Perdagangan Saham Post (t+30) |
| N | | 40 | 40 |
| Normal Parametersa,b | Mean | 54315777.53 | 85625517.83 |
| Std. Deviation | 107942063.765 | 214422352.328 |
| Most Extreme Differences | Absolute | .307 | .404 |
| Positive | .275 | .404 |
| Negative | -.307 | -.345 |
| Test Statistic | | .307 | .404 |
| Asymp. Sig. (2-tailed) | | .000c | .000c |
| a. Test distribution is Normal. | | | |
| b. Calculated from data. | | | |
| c. Lilliefors Significance Correction. | | | |

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| **One-Sample Kolmogorov-Smirnov Test Bid-Ask Spread** | | | |
|  | | Bid-Ask Spread Pre (t-30) | Bid-Ask Spread Post (t+30) |
| N | | 40 | 40 |
| Normal Parametersa,b | Mean | .7633 | .0369 |
| Std. Deviation | .43405 | .08795 |
| Most Extreme Differences | Absolute | .108 | .305 |
| Positive | .087 | .305 |
| Negative | -.108 | -.302 |
| Test Statistic | | .108 | .305 |
| Asymp. Sig. (2-tailed) | | .200c,d | .000c |
| a. Test distribution is Normal. | | | |
| b. Calculated from data. | | | |
| c. Lilliefors Significance Correction. | | | |
| d. This is a lower bound of the true significance. | | | |

**Lampiran 12 Uji Wilcoxon Signed Rank Test**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Uji Wilcoxon Signed Rank Test Abnormal Return** | | | | |
|  | | N | Mean Rank | Sum of Ranks |
| Abnormal Return Post (t+30) - Abnormal Return Pre (t-30) | Negative Ranks | 3a | 15.67 | 47.00 |
| Positive Ranks | 37b | 20.89 | 773.00 |
| Ties | 0c |  |  |
| Total | 40 |  |  |
| a. Abnormal Return Post (t+30) < Abnormal Return Pre (t-30) | | | | |
| b. Abnormal Return Post (t+30) > Abnormal Return Pre (t-30) | | | | |
| c. Abnormal Return Post (t+30) = Abnormal Return Pre (t-30) | | | | |

|  |  |
| --- | --- |
| **Uji Wilcoxon Signed Rank Test Statistics Abnormal Return** | |
|  | Abnormal Return Post (t+30) - Abnormal Return Pre (t-30) |
| Z | -4.879b |
| Asymp. Sig. (2-tailed) | .000 |
| a. Wilcoxon Signed Ranks Test | |
| b. Based on negative ranks. | |

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| --- | --- | --- | --- | --- |
| **Uji Wilcoxon Signed Rank Test Volume Perdagangan Saham** | | | | |
|  | | N | Mean Rank | Sum of Ranks |
| Volume Perdagangan Saham Post (t+30) - Volume Perdagangan Saham Pre (t-30) | Negative Ranks | 16a | 21.94 | 351.00 |
| Positive Ranks | 24b | 19.54 | 469.00 |
| Ties | 0c |  |  |
| Total | 40 |  |  |
| a. Volume Perdagangan Saham Post (t+30) < Volume Perdagangan Saham Pre (t-30) | | | | |
| b. Volume Perdagangan Saham Post (t+30) > Volume Perdagangan Saham Pre (t-30) | | | | |
| c. Volume Perdagangan Saham Post (t+30) = Volume Perdagangan Saham Pre (t-30) | | | | |

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| --- | --- |
| **Uji Wilcoxon Signed Rank Test Statistics Volume Perdagangan Saham** | |
|  | Volume Perdagangan Saham Post (t+30) - Volume Perdagangan Saham Pre (t-30) |
| Z | -.793b |
| Asymp. Sig. (2-tailed) | .428 |
| a. Wilcoxon Signed Ranks Test | |
| b. Based on negative ranks. | |

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| --- | --- | --- | --- | --- |
| **Uji Wilcoxon Signed Rank Test Bid-Ask Spread** | | | | |
|  | | N | Mean Rank | Sum of Ranks |
| Bid-Ask Spread Post (t+30) - Bid-Ask Spread Pre (t-30) | Negative Ranks | 40a | 20.50 | 820.00 |
| Positive Ranks | 0b | .00 | .00 |
| Ties | 0c |  |  |
| Total | 40 |  |  |
| a. Bid-Ask Spread Post (t+30) < Bid-Ask Spread Pre (t-30) | | | | |
| b. Bid-Ask Spread Post (t+30) > Bid-Ask Spread Pre (t-30) | | | | |
| c. Bid-Ask Spread Post (t+30) = Bid-Ask Spread Pre (t-30) | | | | |

|  |  |
| --- | --- |
| **Uji Wilcoxon Signed Rank Test Statistics Bid-Ask Spread** | |
|  | Bid-Ask Spread Post (t+30) - Bid-Ask Spread Pre (t-30) |
| Z | -5.511b |
| Asymp. Sig. (2-tailed) | .000 |
| a. Wilcoxon Signed Ranks Test | |
| b. Based on positive ranks. | |