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SKRIPSI TERAPAN



PENGARUH VOLUME PERDAGANGAN, VOLATILITAS HARGA, DAN *MARKET CAPITALIZATION* TERHADAP *RETURN CRYPTOCURRENCY* (STUDI KASUS PADA BITCOIN, ETHEREUM, TETHER, USD COIN DAN BNB)

Diajukan sebagai salah satu syarat untuk memperoleh gelar Sarjana
Terapan Manajemen Keuangan

Disusun Oleh:

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Program Studi Manajemen Keuangan

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Agustus 2022

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pada Program Studi Sarjana Terapan Manajemen Keuangan Jurusan
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Telah berhasil dipertahankan di hadapan Dewan Penguji dan diterima sebagai bagian persyaratan yang diperlukan untuk memperoleh gelar Sarjana Akuntansi Terapan pada Program Studi D4 Manajemen Keuangan Jurusan Akuntansi Politeknik Negeri Jakarta.

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KATA PENGANTAR

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Semoga disusunnya Skripsi Terapan ini dapat bermanfaat bagi rekan-rekan mahasiswa/i Politeknik Negeri Jakarta dan pembaca sehingga dapat memberikan tambahan pengetahuan.

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PENGARUH VOLUME PERDAGANGAN, VOLATILITAS HARGA, DAN MARKET CAPITALIZATION TERHADAP RETURN CRYPTOCURRENCY (STUDI KASUS PADA BITCOIN, ETHEREUM, TETHER, USD COIN DAN BNB)

Dewi Melinia Ramadhani

Manajemen Keuangan

ABSTRAK

Penelitian ini bertujuan untuk menguji pengaruh Volume Perdagangan, Volatilitas Harga dan *Market Capitalization* terhadap *Return Cryptocurrency* (Studi Kasus Pada Bitcoin, Ethereum, Tether, USD Coin, dan BNB). Teknik *sampling* yang digunakan dalam penelitian ini yaitu menggunakan *purposive sampling* yang tertuju pada *Cryptocurrency* Bitcoin, Ethereum, Tether, USD Coin, dan BNB yang merupakan Top 5 *Market Capitalization Cryptocurrency* terbesar tahun 2022. Metode pengujian yang dilakukan dalam penelitian ini yaitu uji analisis regresi data panel menggunakan *software* Eviews 9. Hasil dari penelitian ini membuktikan bahwa secara parsial Volume Perdagangan dan Volatilitas Harga berpengaruh signifikan dan positif terhadap *Return Cryptocurrency*, sedangkan *Market Capitalization* tidak memiliki pengaruh yang signifikan terhadap *Return Cryptocurrency*. Secara simultan, Volume Perdagangan, Volatilitas Harga dan *Market Capitalization* berpengaruh signifikan terhadap *Return Cryptocurrency*.

Kata kunci: Volume Perdagangan, Volatilitas Harga, *Market Capitalization*, *Return*, *Cryptocurrency*



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The Effect of Trading Volume, Price Volatility and Market Capitalization on Return Cryptocurrency (Case Studies on Bitcoin, Ethereum, Tether, USD Coin, and BNB)

Dewi Melinia Ramadhani

Manajemen Keuangan

ABSTRACT

The Purpose of this study was to examine the effect of Trading Volume, Price Volatility and Market Capitalization on Return Cryptocurrency (Case Studies on Bitcoin, Ethereum, Tether, USD Coin, and BNB). The sampling technique used in this study is using purposive sampling aimed at Cryptocurrencies Bitcoin, Ethereum, Tether, USD Coin, and BNB which are the Top 5 largest Cryptocurrency Market Capitalization in 2022. The testing method used in this study is panel data regression analysis test. using Eviews 9 software. The results of this study prove that partially Trading Volume and Price Volatility have a significant and positive effect on Cryptocurrency Return, while Market Capitalization does not have a significant effect on Cryptocurrency Return. Simultaneously, Trading Volume, Price Volatility and Market Capitalization have a significant effect on Cryptocurrency Return.

Keywords: *Trading Volume, Price Volatility and Market Capitalization, Cryptocurrency, Return*

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BAB I

PENDAHULUAN

1.1.Latar Belakang Penelitian

Berkembangnya teknologi di dunia mulai berdampak kepada sektor-sektor lain, salah satunya sektor keuangan. Hasil gabungan antara jasa keuangan dengan teknologi disebut dengan *Financial Teknologi* atau *FinTech* (BankIndonesia, 2018). Perkembangan *FinTech* di Indonesia dapat dilihat dari munculnya berbagai aplikasi pendanaan secara online seperti Modalku, Uang Teman, Kredivo dan sebagainya (Ventures, 2022). Selain perkembangan teknologi, kemajuan dalam dunia keuangan juga didasari akan kebutuhan masyarakat yang mulai bergantung kepada sesuatu yang serba cepat atau instant. Salah satu perkembangan tersebut dapat dilihat dalam bentuk transaksi perdagangan investasi yang mulai menggunakan cara cepat melalui telepon genggam, dari yang sebelumnya harus bertatap muka dan mendatangi Bursa Efek Indonesia (BEI) secara langsung.

Perkembangan teknologi di dunia keuangan juga memunculkan banyak jenis investasi baru dari yang sebelumnya hanya reksadana, saham, emas, obligasi, deposito berjangka dan lainnya (Hadijah, 2021). Pada tahun 2009 mulai muncul mata uang digital atau yang sekarang kita sebut dengan *Cryptocurrency* yang merupakan ide dari Satoshi Nakamoto (CNN, 2021). Semua *Cryptocurrency* mengikuti prinsip yang sama mengikuti ide-ide dari *cryptocurrency* Satoshi Nakamoto, pencetus Bitcoin (Sihombing, Rizky, & Sadalia, 2021). Pada 2008 Nakamoto meletakkan dasar untuk *Cryptocurrency* yaitu "*Bitcoin: A Peer-to-Peer Electronic Cash System*". Fitur utama yang tercantum dalam Bitcoin, sebagian besar sama untuk *Cryptocurrency* lain yang didefinisikan sebagai alt-koin (Alternatif koin). Fitur-fitur ini berkisar dari, memiliki jaringan terdesentralisasi, memanfaatkan koneksi Peer-to-Peer, membutuhkan akses internet dan memiliki beberapa bentuk *cryptocurrency* yang tergabung dalam teknologi dan akun mereka (Luxmana & Oktafiyani, 2022).



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Cryptocurrency adalah aset keuangan digital, dimana kepemilikan serta transfer kepemilikannya dijamin oleh teknologi desentralisasi *Cryptocurrency* (Sihombing, Rizky, & Sadalia, 2021). Nilai dan popularitas *Cryptocurrency* yang berkembang di pasar telah menarik perhatian para akademisi, investor, spekulan, regulator, dan pemerintah di seluruh dunia. *Cryptocurrency* memiliki keamanan blockchain yang sangat baik, yang membuatnya sangat sulit untuk dipalsukan dan dimanipulasi dalam transaksi *Cryptocurrency* (Baur, KiHoon, & Adrian, 2018). Teknologi Blockchain merupakan teknologi yang digunakan dengan cara sistem penyimpanan atau bank data secara digital yang terhubung dengan kriptografi (CNBC, Mengenal Apa Itu Blockchain, Teknologi yang Mengubah Dunia, 2022) . Fitur dan inovasi terkait Blockchain muncul dengan cepat, seperti kontrak pintar yang menjanjikan untuk mengotomatiskan proses transaksi.

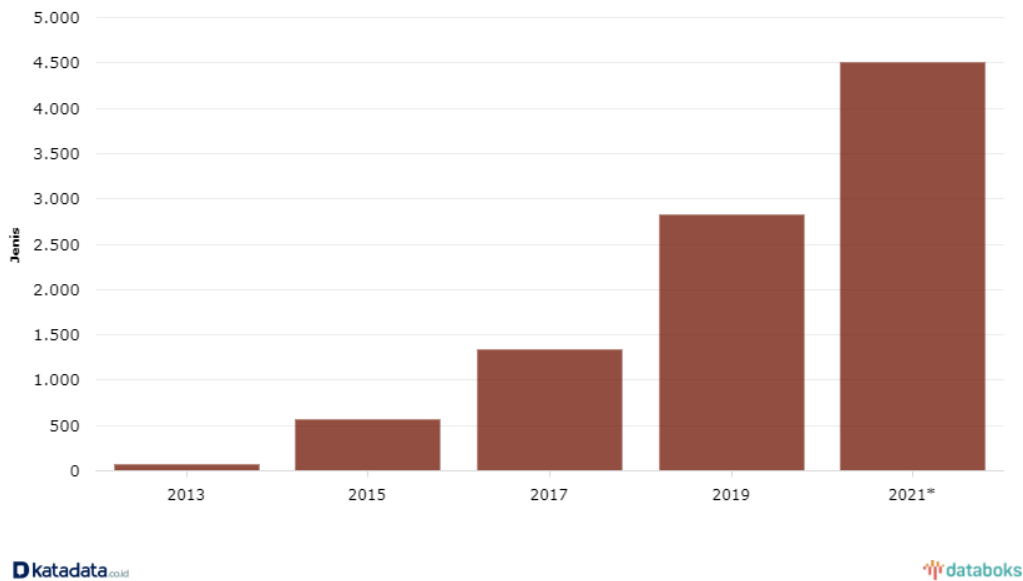
Trend atau perkembangan *cryptocurrency* di Indonesia mulai terjadi di tahun 2021 dapat dilihat dari kenaikan penggunaanya yang mencapai 85% dari sebelumnya sebanyak 4 Juta menjadi 7,2 Juta per Juli (Safitri, 2022). Kenaikan tersebut didasari dari makin mudahnya informasi mengenai investasi yang mulai tersebar khususnya di sosial media. Banyak masyarakat terutama anak muda yang mulai tertarik berinvestasi salah satunya pada *Cryptocurrency* yang sedang banyak diperbicarakan akhir-akhir ini di Indonesia. Terdapat ribuan jenis *cryptocurrency* yang diperdagangkan hingga saat ini membuktikan jika perkembangan uang digital saat ini sedang digandrungi. Seperti yang terlihat dalam gambar 1.1 mengenai perkembangan jumlah jenis mata uang *cryptocurrency* selama tahun 2013-2021.



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Gambar 1. 1 Perkembangan Jumlah Jenis Mata Uang *Cryptocurrency* (2013-2021)

sumber: databoks

Dari gambar 1.1 dapat dilihat jika pada tahun 2013 hanya terdapat 66 jenis mata uang. Jumlahnya meningkat sangat drastis pada tahun 2015 menjadi 562. Jenis mata uang tersebut terus mengalami kenaikan setiap tahunnya hingga febuari 2021 menjadi 4.501 jenis mata uang *cryptocurrency* yang beredar. Meski demikian, menurut Peraturan Badan Pengawas Perdagangan Berjangka Komoditi Nomor 7 Tahun 2020 sampai saat ini baru mengizinkan 229 jenis mata uang *cryptocurrency* yang diperdagangkan secara resmi di Indonesia (Pratomo, 2022). Munculnya berbagai jenis mata uang *cryptocurrency* juga tidak lepas dari *Non-Fungible Token* yang mulai muncul belakangan ini.

Non-Fungible Token (NFT) merupakan aset digital pada jaringan blockchain yang memiliki kode identifikasi serta metadata yang unik dan berbeda satu sama lain (Sugiharto, Musa, & Falahuddin, 2022). Secara garis besar NFT merupakan aset digital yang bekembang dari *Cryptocurrency* dan teknologi blockchain. Proses penjualan aset digital tersebut menggunakan mata uang



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cryptocurrency yang ada, salah satunya pada *platform* NFT OpenSea yang menggunakan mata uang Ethereum. Semakin tingginya kebutuhan akan mata uang *cryptocurrency* maka semakin tinggi pula jenis-jenis mata uang yang muncul.

Selain sebagai alat pembayaran virtual, *Cryptocurrency* juga dijadikan sebagai sarana investasi dengan cara membeli pada harga tertentu dan menjual ketika harga dari *cryptocurrency* tersebut mengalami kenaikan sehingga mendapatkan *return* yang diharapkan. Sebagai salah satu alternative untuk berinvestasi, *cryptocurrency* tidak memiliki pergerakan harga yang cukup pasti, karena pada dasarnya pergerakan harga *cryptocurrency* dipengaruhi oleh isu-isu global ataupun pengaruh dari pemilik atau investor *cryptocurrency* itu sendiri. Seperti yang dilansir CNBC Indonesia pada kasus pemilik Tesla, Elon Musk yang membeli Bitcoin sebanyak 21 Triliun Ruliah dan membuat kebijakan terkait pembelian mobil Tesla yang dapat dilakukan melalui Bitcoin, sehingga Bitcoin mengalami kenaikan sebesar 12% dalam perdagangan pada 8 Febuari 2021 (CNBC, Elon Musk Buat Geger, Tesla Borong Bitcoin hingga Rp 21 T, 2021). Setelah kebijakan tersebut, Bitcoin mengalami pelonjakan harga yang cukup tinggi. Fenomena kenaikan secara cepat yang diakibatkan oleh keputusan Elon Musk, membuat secepat itu pula penurunan terjadi pada harga Bitcoin. Pada Mei 2021, Elon Musk menyatakan lewat twitter bahwa Tesla tidak lagi menggunakan Bitcoin sebagai alat bayar, dikarenakan penggunaan fosil yang merugikan lingkungan. Penggunaan Bitcoin yang meningkat maka akan semakin banyak energi komputer yang digunakan, dimana energi tersebut saat ini masih menggunakan bahan bakar fosil seperti bartubara.

Dalam memilih investasi *Cryptocurrency* terdapat perbedaan dalam menganalisis fundamentalnya. Analisis fundamental dalam saham biasanya dapat dilihat dari rasio keuangan perusahaan, sedangkan dalam kasus *cryptocurrency* biasanya dapat dilihat dari harga dan volume *cryptocurrency* serta kapitalisasi pasarnya (Spurr & Ausloos, 2020). Selain itu analisis yang paling umum digunakan dalam *cryptocurrency* adalah analisis teknikal. Analisis Teknikal lahir dari ide-ide Charles Dow dan mitranya Edward Jones (Rhea, 2018). Analisis teknikal menurut



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teori Charles Dow mengatakan bahwa harga pasar sudah mempresentasikan informasi pasar keuangannya dan pergerakan pasar terbagi menjadi tiga yaitu *primary movement*, *secondary reaction* serta *minor movement*. Berdasarkan teori Dow tersebut maka pergerakan harga dapat mencerminkan keadaan dimasa mendatang.

Perubahan harga saat membeli dan menjual aset *cryptocurrency* dapat diartikan sebagai keuntungan atau *return* dan juga kerugian atau *loss*. Jika terjadi kenaikan maka kita mendapatkan *return*, sedangkan jika mengalami penurunan maka kita mendapatkan rugi atau *lost*. *Return* yang didapat dari investasi *cryptocurrency* untuk saat ini hanya berupa selisih harga atau kenaikan harga antara harga beli dan jual. Pergerakan harga tersebut biasanya dipengaruhi oleh volume perdagangan dan frekuensi transaksi, selain itu juga dapat dilihat berdasarkan volatilitas dan kapitalisasi pasarnya (Sihombing, Rizky, & Sadalia, 2021) (Situmeang & Muharam, 2015).

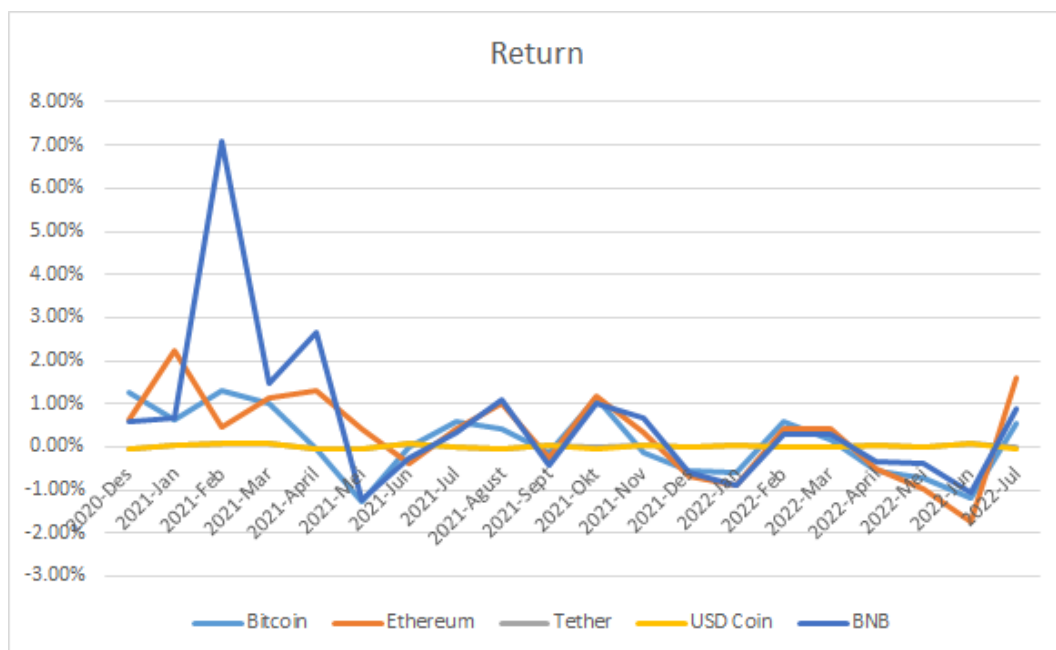
Gambar 1.2 menyajikan perkembangan *return cryptocurrency* Bitcoin, Ethereum, Tether, USD Coin, dan BNB sebagai *cryptocurrency* dengan *market capitalization* terbesar (Per tahun 2022) mulai dari diresmikannya 229 Jenis kripto menurut Bappepti tanggal 17 Desember 2020 sampai dengan Juli 2022. *Return cryptocurrency* berfluktuasi selama kurang lebih dua tahun bekalakangan ini. Dari kelima *cryptocurrency* tersebut *return* tertinggi dimiliki oleh BNB yang mendapatkan 7,08%. Sedangkan *return* terendah dimiliki oleh Ethereum yang menyentuh angka -1,06%. Berdasarkan grafik pada gambar 1.2, jenis *cryptocurrency* yang paling berfluktuasi adalah BNB, dan yang paling rendah adalah USD Coin.



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Gambar 1. 2 Grafik Return Cryptocurrency (Des 2020 – Juli 2022)

Sumber: data diolah peneliti (excel, 2022)

Volume merupakan cara untuk melihat tingkat likuiditas dari *cryptocurrency* (Sihombing, Rizky, & Sadalia, 2021). Volume merupakan jumlah perdagangan aktif yang terjadi pada waktu tertentu (Balcilar, Bouri, Gupta, & Roubaud, 2017). Contohnya, bila Bitcoin memiliki \$300 Juta dalam volume *trading*, dan harganya senilai \$15.000 berarti terdapat sekitar 20.000 Bitcoin yang secara aktif sedang diperdagangkan. Secara umum, semakin besar volume, semakin bagus pula hal ini bagi koin tersebut, karena koin tersebut akan menjadi mudah untuk dibeli dan dijual (Duniafintech, 2021). Bila koin memiliki volume yang rendah, maka pengguna harus menunggu lebih lama untuk menjual dan kemungkinan akan sulit untuk menemukan pembeli di harga pasar saat itu. Jadi pengguna harus menyimpan koin tersebut lebih lama di pasar untuk mendapatkan harga yang diinginkan atau mengurangi harganya supaya bisa dijual lebih cepat. Hal ini dikarenakan volume menunjukkan ketertarikan khalayak serta likuiditas pasar dari aset tersebut.

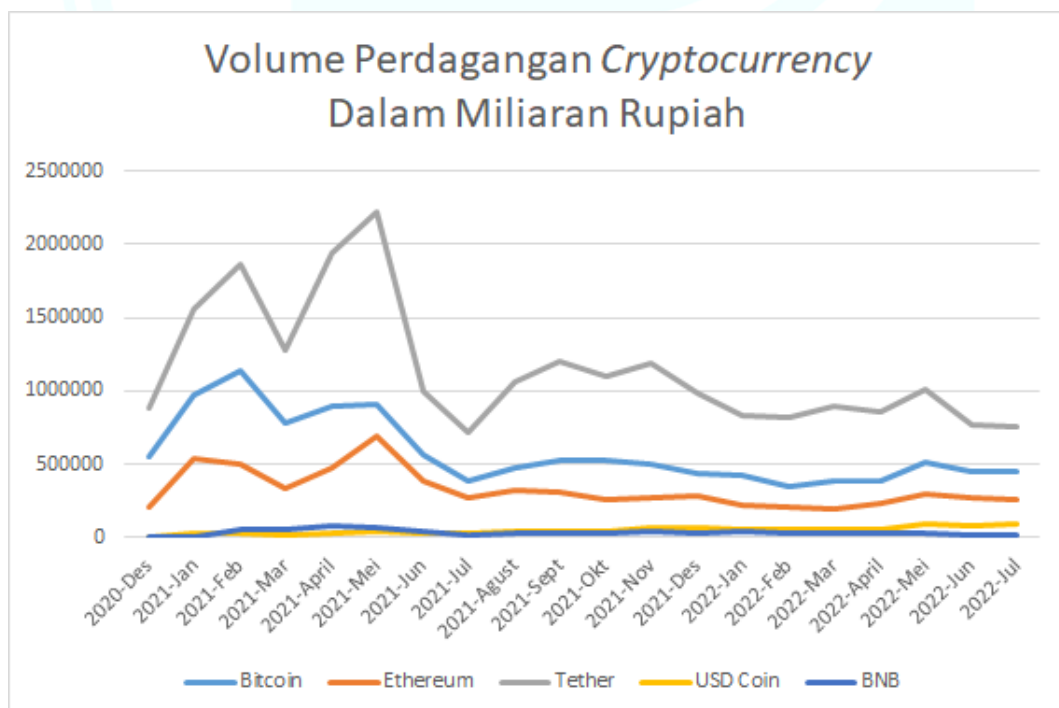


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Volume perdagangan per bulan selama Desember 2020 – Juli 2022 dari Bitcoin, Ethereum, Tether, USD Coin, dan BNB yang ditunjukkan dalam gambar 1.3. Pergerakan kelima jenis kripto tersebut terlihat searah dan berfluktuatif. Dari kelima koin kripto tersebut Volume perdagangan tertinggi dimiliki oleh Tether yang mendapatkan Rp 2,221T. Sedangkan volume perdagangan terendah dimiliki oleh BNB dengan volume sebesar Rp 5T. Pergerakan volume perdagangan dengan fluktuasi tertinggi adalah Tether dan terendah adalah BNB. Pergerakan grafik volume perdagangan dan *return* Bitcoin dan Ethereum dan USD Coin menunjukkan pergerakan yang searah, ketika volume naik maka *return* juga ikut mengalami kenaikan begitupun ketika turun. Sedangkan pada koin Tether dan BNB, pergerakan grafik tidak terlihat searah karena pergerakan volume Tether berfluktuasi tinggi, sedangkan *return*-nya bergerak stabil. Begitu pula pada BNB, ketika volume memiliki grafik yang relative stabil, namun grafik *return* menunjukkan fluktuasi yang tinggi.



Gambar 1. 3 Grafik Volume Perdagangan *Cryptocurrency* (Des 2020-Juli 2021)

Sumber: data diolah peneliti (excel, 2022)

Volatilitas merupakan pengukuran statistik untuk fluktuasi harga selama periode tertentu (Firmansyah, 2006). Semakin tinggi volatilitas, maka akan semakin tinggi ketidakpastian harga pada aset tersebut, hal ini mencerminkan semakin tinggi pula risikonya dengan harapan *return* yang diraih juga lebih tinggi. Semakin tinggi volatilitas maka akan semakin tinggi volume perdagangan yang akan didapat karena volatilitas menggambarkan harga yang naik dan turun dengan cepat, sehingga volume perdagangan harian yang akan didapat juga akan bergerak dengan cepat tanpa menunggu waktu yang cukup lama. Kenaikan dan penurunan volatilitas harga yang sangat cepat tersebut membuat aset *cryptocurrency* cukup berisiko untuk dijadikan investasi. Upaya dalam meminimalkan risiko tersebut dilakukan dengan analisis risiko baik secara fundamental, teknikal, maupun bandarmologi. Pengenalan risiko dalam volatilitas dapat diramalkan dengan adanya informasi atau signal di pasar (Supriati & Wiagustini, 2019). Informasi tersebut dapat menjadi pendorong bagi investor dalam melakukan kegiatan menjual atau membeli assetnya, sehingga bagi investor yang pandai dalam memahami informasi akan mudah dalam memprediksi pergerakan pasar dan pada akhirnya akan memperoleh *return* yang optimal.

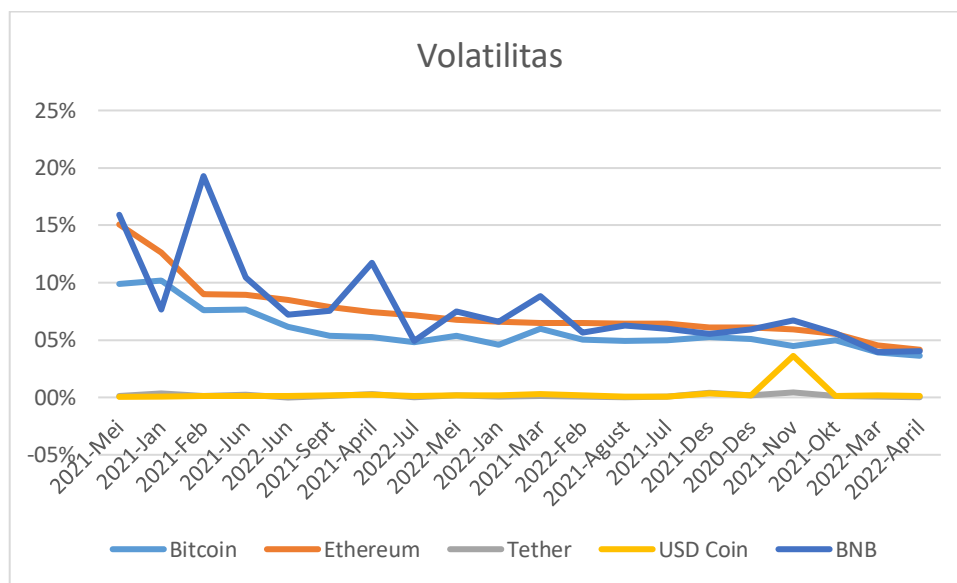
Dapa dilihat pada gambar 1.4 Bitcoin, USD Coin dan BNB merupakan aset *cryptocurrency* dengan volatilitas berfluktuasi sementara Ethereum dan Tether yang memiliki volatilitas stabil. Dari kelima koin kripto tersebut volatilitas harga tertinggi dimiliki oleh BNB yang mendapatkan 19,3%. Sedangkan volatilitas harga terendah dimiliki oleh Tether dan USD Coin yang menyentuh angka 0,0%. Volatilitas yang memiliki fluktuasi tertinggi adalah BNB dan terendah adalah Tether. Pergerakan grafik antara volatilitas harga dan *return* Bitcoin, Ethereum, Tether, USD Coin dan BNB terlihat searah, dimana ketika volatilitas naik maka *return* juga ikut naik dan sebaliknya.

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Gambar 1. 4 Grafik Volatilitas Harga Cryptocurrency (Des 2020-Juli 2021)

Sumber: data diolah peneliti (excel, 2022)

Kapitalisasi pasar atau *Market capitalization* merupakan ukuran yang menunjukkan nilai aset tersebut di pasar dihitung dengan mengalikan harga koin atau token asli *cryptocurrency* saat ini dengan persediaan pasokan koin yang beredar (*circulating supply*) (Sihombing, Rizky, & Sadalia, 2021). *Market Capitalization* mengukur dan menghitung berbagai nilai aset digital, termasuk aset *cryptocurrency*. Dalam saham *market capitalization* mengukur nilai suatu sekuritas terhadap sekuritas lainnya, umumnya dihitung dengan mengalikan jumlah saham beredar dengan harga saham saat ini. Hal tersebut tidak jauh berbeda dari perhitungan *market capitalization* pada *cryptocurrency* yang mengidentifikasi nilai aset digital secara akurat dengan membandingkannya dengan aset sejenis lainnya. Perhitungan *market capitalization* adalah pasokan yang beredar dikali dengan harga aset saat ini.

Dalam memilih jenis asset atau koin untuk berinvestasi, investor dapat mempertimbangkan *market capitalization* dari *Cryptocurrency* (Sihombing, Rizky, & Sadalia, 2021). Tidak seperti saham yang memiliki beberapa index, saat ini



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cryptocurrency belum mempunyai index yang menilai mengenai *market capitalization* dan sebagainya. Meskipun belum memiliki index, namun menurut website coinmarketcap terdapat 100 jenis *cryptocurrency* dengan kapitalisasi pasar terbesar yang sepuluh besarnya terdiri dari Bitcoin, Ethereum, Tether, USD Coin, BNB, Binance USD, Cardano, XRP, Solana, dan Dogecoin seperti dalam gambar 1.5 (CoinMarketCap, 2022). Penelitian ini menggunakan top 5 *market capitalization* dengan total nilai 75% dari *market capitalization* keseluruhan. *Cryptocurrency* dengan *Market capitalization* terbesar adalah Bitcoin dengan mewakili 41% dari populasi, selanjutnya Ethereum yang mewakili 18,55% dari populasi, Tether yang mewakili 6,21% dari populasi, USD Coin yang mewakili 5,08% dari populasi dan terakhir BNB yang mewakili 4,5% dari total populasi. Bitcoin sendiri merupakan salah satu pencetus munculnya alat pembayaran berbasis Blockchain, dan membuat munculnya jenis *cryptocurrency* yang lain. Ethereum juga merupakan asset atau koin yang sedang naik akhir-akhir ini, dikarenakan selain peminatnya yang tinggi juga mulai munculnya Non-Fungible Token (NFT) yang merupakan asset digital. Salah satu tempat jual beli NFT yaitu OpenSea menggunakan koin Ethereum sebagai alat pembayaran, sehingga menaikkan nilai koin tersebut. Posisi ketiga *market capitalization* terbesar adalah Tether (dengan simbol USDT) yang merupakan mata uang kripto dengan token yang resmi dikeluarkan oleh Tether Limited berbasis di Hong Kong dan sekaligus dikendalikan oleh pemilik Bitfinex. Selanjutnya USD Coin (USDC) yang disebut koin stabil yang dipatok terhadap US Dollar. USD Coin diatur oleh konsorsium yang dinamai Cetre, yang ditemukan oleh Circle dan terdiri atas anggota-anggota bursa mata uang kripto Coinbase dan perusahaan tambang bitcoin, Bitmain. USD Coin diterbitkan oleh entitas privat dan berbeda dengan Central Bank Digital Currency (CBDC). Terakhir dalam top 5 *market capitalization* ada Binance coin (BNB) yang merupakan aset *crypto* yang diterbitkan oleh Binance Exchange, dan diperdagangkan dengan simbol BNB.



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Sumber: data diolah dari coinmarketcap.com

Beberapa penelitian telah melihat pengaruh volume, volatilitas, dan juga *market capitalization* terhadap *return cryptocurrency*. Penelitian yang dilakukan Niawaradila et al (2021) menunjukkan jika volume dan kapitalisasi pasar berpengaruh positif terhadap *return*. Volume yang tinggi menandakan seberapa banyak minat investor terhadap aset tersebut, sehingga *return* yang didapat juga akan lebih pasti karena banyaknya peminat setiap harinya. Kapitalisasi pasar yang tinggi juga dapat diartikan jika aset tersebut merupakan aset unggulan dipasar yang biasanya diminati karena memiliki *return* yang tinggi dan pasti. Penelitian tersebut juga sejalan dengan penelitian yang dilakukan oleh Nasution dan Halim (2016) yang mengatakan bahwa trading volume berpengaruh positif terhadap *return*.

Penelitian yang dilakukan Yusra (2019) mempunyai hasil yang berbeda dengan penelitian Niawaradila et al (2021), dimana variabel volume dan kapitalisasi pasar tidak berpengaruh terhadap *return*. Dalam penelitian Yusra (2019) kenaikan tingkat jumlah volume perdagangan dan kapitalisasi pasar tidak memberikan pengaruh terhadap *return*. Perbedaan antara kedua penelitian tersebut dikarenakan pada penelitian Yusra (2019) memiliki hasil yang berbeda antara teori yang ada dengan hasil di lapangan, dimana volume dan market capitalization yang naik tidak menandakan *return* juga akan naik atau positif. Hal tersebut biasanya dikarenakan



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pembatasan jumlah *crypto* yang beredar atau ketika harga dari *crypto* tersebut mengalami kenaikan namun asset yang beredar atau diperjual belikan tidak mengalami kenaikan.

Dalam penelitian lain yang ditemukan oleh Nasution dan Halim (2016) menyebutkan bahwa volatilitas harga berpengaruh positif terhadap *return*. Hal tersebut berarti tingkat risiko yang tinggi membuat masyarakat juga mendapatkan keuntungan yang tinggi seperti teori "*High Risk High Return*". Hasil tersebut berbeda dengan penelitian yang dilakukan Dimitrios dan Theodore (2012) yang menyatakan bahwa volatilitas harga berpengaruh negatif terhadap *return*. Perbedaan hasil penelitian dan teori dari Dimitrios dan Theodore (2012) dikarenakan pergerakan harga yang naik dalam penelitian tersebut tidak mencerminkan *return* yang juga akan bertambah. Hal tersebut dikarenakan ketika harga mengalami kenaikan dan penurunan yang ekstrim saat perdagangan, namun harga penutupannya tidak naik atau turun dari harga penutupan sebelumnya, yang mana hal tersebut disebabkan animo masyarakat pada saat tertentu saja.

Berdasarkan uraian penelitian tersebut, peneliti tertarik untuk membuat penelitian lanjutan dengan menggunakan aset *cryptocurrency* sebagai objek penelitian dikarenakan beberapa penelitian terdahulu yang membahas pengaruh volume perdagangan, volatilitas harga, dan *market capitalization*, terhadap *return cryptocurrency* baru menggunakan saham sebagai objeknya. Saat ini aset *cryptocurrency* mulai berkembang dan memiliki peminat yang cukup tinggi. Sampel yang diteliti menggunakan koin Bitcoin, Ethereum, Tether, USD Coin, dan BNB yang merupakan aset *cryptocurrency* yang mempunyai kapitalisasi pasar terbesar. Maka disusunlah penelitian ini dengan judul "**PENGARUH VOLUME PERDAGANGAN, VOLATILITAS HARGA, DAN MARKET CAPITALIZATION TERHADAP RETURN CRYPTOCURRENCY (STUDI KASUS PADA BITCOIN, ETHEREUM, TETHER, USD COIN DAN BNB)**".

1.2. Rumusan Masalah

Perkembangan dunia keuangan khususnya dibidang teknologi dan munculnya NFT membuat *Cryptocurrency* akan terus berkembang kedepannya.



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Perkembangan tersebut mungkin menjadi sesuatu yang menjanjikan bagi para investor untuk berinvestasi di *cryptocurrency*. Di Indonesia, aset *cryptocurrency* telah remi diperdagangkan di Bursa Berjangka Jakarta (BBJ) seperti yang disebutkan Badan Pengawas Perdagangan Berjangka (Bappebti), melalui 13 lembaga resmi yang sudah terdaftar (Kontan, 2021). Sesuai dengan Surat Menko Perekonomian Nomor S-302/M.EKON/09/2018 September 2018, perihal Tindak Lanjut Pelaksanaan Rakor Pengaturan Aset *Cryptocurrency*, aset *cryptocurrency* tetap dilarang sebagai alat pembayaran namun sebagai alat investasi dapat dimasukan sebagai komoditi seperti emas dan lainnya (Setyawan, 2022).

Meskipun merupakan alat investasi, *cryptocurrency* memiliki risiko yang cukup tinggi dibandingkan dengan alat investasi lainnya. Maka dari itu penting untuk para investor menilai atau menganalisis terlebih dahulu suatu *cryptocurrency* sebelum memilih untuk berinvestasi. Analisis yang dilakukan dapat berupa analisis fundamental maupun teknikal. Pada analisis fundamental, indikator yang dapat dilihat seperti volume perdagangan dan *market capitalization* (Spurr & Ausloos, 2020). Analisis teknikal menurut teori Dow yang dikemukakan oleh SAM (2018) dapat dilihat dari indikator pergerakan harga ataupun volatilitas harga . Indikator-indikator tersebut dapat dilihat pengaruhnya terhadap return untuk selanjutnya dapat dijadikan keputusan untuk berinvestasi apakah menguntungkan atau tidak. Seperti penelitian yang dilakukan oleh Niawaradila et al (2021), menemukan bahwa volume perdagangan dan *market capitaization* berpengaruh terhadap *return*. Namun pada penelitian lain menemukan tidak ada pengaruh antara volume perdagangan dan *market capitalization* (Yusra, 2019). Selain itu penelitian yang dilakukan oleh Nasution dan Halim (2016) menemukan bahwa volatilitas harga berpengaruh positif terhadap *return*. Namun dalam penelitian lain menemukan bahwa volatilitas harga berpengaruh negatif terhadap *return*. Dalam penelitian ini akan melihat kembali pengaruh volume perdagangan, volatilitas harga dan *market capitalization cryptocurrency* terhadap *return cryptocurrency*. Semua variabel tersebut akan diuji pada objek penelitian Bitcoin, Ethereum, Tether, USD Coin, dan BNB sebagai aset *cryptocurrency* dengan kapitalisasi pasar terbesar.



1.3. Pertanyaan Penelitian

Berdasarkan rumusan masalah di atas, maka dapat diajukan pertanyaan penelitian seperti berikut:

1. Bagaimana pengaruh volume perdagangan *Cryptocurrency* terhadap *return Cryptocurrency* Bitcoin, Ethereum, Tether, USD Coin, dan BNB.
2. Bagaimana pengaruh volatilitas harga *Cryptocurrency* terhadap *return Cryptocurrency* Bitcoin, Ethereum, Tether, USD Coin, dan BNB.
3. Bagaimana pengaruh *market capitalization Cryptocurrency* terhadap *return Cryptocurrency* Bitcoin, Ethereum, Tether, USD Coin, dan BNB.
4. Bagaimana pengaruh volume perdagangan, volatilitas harga, dan *market capitalization Cryptocurrency* terhadap *return Cryptocurrency* Bitcoin, Ethereum, Tether, USD Coin, dan BNB.

1.4. Tujuan Penelitian

Berdasarkan pertanyaan dan latar belakang yang telah dijabarkan, maka tujuan dari penelitian ini adalah:

1. Mengetahui dan menjelaskan pengaruh volume perdagangan *Cryptocurrency* terhadap *return Cryptocurrency* Bitcoin, Ethereum, Tether, USD Coin, dan BNB.
2. Mengetahui dan menjelaskan pengaruh volatilitas harga *Cryptocurrency* terhadap *return Cryptocurrency* Bitcoin, Ethereum, Tether, USD Coin, dan BNB.
3. Mengetahui dan menjelaskan pengaruh *market capitalization Cryptocurrency* terhadap *return Cryptocurrency* Bitcoin, Ethereum, Tether, USD Coin, dan BNB.
4. Mengetahui dan menjelaskan pengaruh volume perdagangan, volatilitas harga, dan *market capitalization Cryptocurrency* terhadap *return Cryptocurrency* Bitcoin, Ethereum, Tether, USD Coin, dan BNB.

1.5. Manfaat Penelitian

Penelitian ini diharapkan dapat memberikan manfaat, antara lain:

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1. Manfaat Teoritis

Hasil dari penelitian ini diharapkan dapat berkontribusi dan mengembangkan pengetahuan mengenai *Cryptocurrency*, khususnya penelitian tentang volume, volatilitas dan *market capitalization*, dan kaitannya dengan *return cryptocurrency*

2. Manfaat Praktis

Penelitian ini dapat membantu para investor dalam menganalisis pengaruh volume perdagangan, volatilitas harga, dan *market capitalization*, terhadap *return Cryptocurrency*. Volume perdagangan yang tinggi menandakan seberapa banyak peminat dari aset *cryptocurrency* sehingga dapat membuat harga menjadi naik yang menandakan *return* . Selain itu volatilitas yang tinggi ataupun rendah dapat menjadi pedoman dalam mengambil keputusan apakah para investor ingin membeli atau menjual assetnya. *Market Capitalization* yang besar juga menggambarkan nilai dari sebuah aset, karena *market capitalization* didapat dari asset yang beredar dikali harga, sehingga semakin tinggi berarti harga juga mengalami kenaikan. Ketika harga mengalami kenaikan, maka selisih antara harga beli dan harga saat ini akan positif yang berarti *return*. Dengan mengetahui pengaruh volume perdagangan, volatilitas harga serta *market capitalization cryptocurrency* terhadap *return cryptocurrency* maka dapat menjadi acuan dalam memilih aset *cryptocurrency* yang ingin dijadikan alat investasi.

1.6. Sistematika Penulisan

Penulisan skripsi ini mengacu pada pedoman teknis penulisan laporan tugas akhir dan skripsi Jurusan Akuntansi Politeknik Negeri Jakarta, dengan sistematika penulisan sebagai berikut:

BAB I PENDAHULUAN

Bab ini memuat latar belakang dalam memilih judul penelitian “Pengaruh Volume Perdagangan, Volatilitas Harga, dan *Market Capitalization* terhadap



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Return Cryptocurrency”, juga rumusan masalah berkaitan dengan perkembangan *cryptocurrency* di Indonesia, tujuan penelitian yang menjawab pertanyaan penelitian, serta manfaat bagi para investor *cryptocurrency* dan sistematika penelitian yang berhubungan dengan judul penelitian.

BAB II TINJAUAN PUSTAKA

Bab ini memuat landasan teori yang berkaitan dengan judul skripsi, yaitu mengenai Investasi, *Cryptocurrency*, Analisis Fundamental dan Teknikal, Volume Perdagangan, Volatilitas Harga, *Market Capitalization* dan juga *Return*.

BAB III METODE PENELITIAN

Bab ini menjelaskan mengenai kerangka penelitian, mulai dari jenis data yang berupa penelitian kuantitatif, populasi dan sampel yang berisi *cryptocurrency* dipilih berdasarkan *market capitalization*nya, data dan sumber data yang berasal dari CoinMarketCap.com dan metode analisis data menggunakan analisis regresi data panel.

BAB IV HASIL PENELITIAN DAN PEMBAHASAN

Bab ini menjelaskan hasil penelitian menggunakan data yang telah dikumpulkan sebelumnya yaitu berupa volume perdagangan, volatilitas harga, *market capitalization*, dan *return cryptocurrency* dari Bitcoin dan Ethereum. Penelitian yang digunakan seperti yang disebutkan dalam bab III, dan hasil dari ujiannya akan menjawab hipotesis yang telah dibuat sebelumnya.

BAB V PENUTUP

Bab ini berisikan kesimpulan dari analisis data yang telah dilakukan apakah volume perdagangan, volatilitas harga, dan *market capitalization* berpengaruh terhadap *return cryptocurrency* dari Bitcoin dan Ethereum, yang akan menjawab pertanyaan penelitian di Bab I. Selain itu juga berisikan saran kepada peneliti selanjutnya untuk penelitian yang berkaitan dengan *cryptocurrency*.



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BAB V

KESIMPULAN DAN SARAN

5.1. KESIMPULAN

Penelitian ini dilakukan pada Top 5 *cryptocurrency* berdasarkan *market capitalization*nya yaitu Bitcoin, Ethereum, Tether, USD Coin dan BNB selama 17 Desember 2020 – 03 Agustus 2022 untuk melihat pengaruh volume perdagangan, volatilitas harga dan *market capitalization* terhadap *return cryptocurrency*. Berdasarkan hasil pembahasan pada bab sebelumnya, penelitian ini menghasilkan beberapa kesimpulan.

1. Volume perdagangan berpengaruh positif dan signifikan terhadap *return cryptocurrency*, dimana ketika volume perdagangan mengalami kenaikan maka *return* juga akan mengalami kenaikan, begitupun sebaliknya ketika mengalami penurunan. Hal tersebut sejalan dengan penelitian (Niawaradila, Wiyono, & Maulida, 2021).
2. Volatilitas harga berpengaruh positif dan signifikan terhadap *return cryptocurrency*, dimana ketika volatilitas harga mengalami kenaikan maka *return* juga akan mengalami kenaikan, begitupun sebaliknya ketika mengalami penurunan. Hal tersebut sejalan dengan penelitian (Nasution & Halim, 2016).
3. *Market capitalization* tidak berpengaruh signifikan terhadap *return cryptocurrency*, dimana ketika *market capitalization* mengalami kenaikan ataupun penurunan *return* tidak mengalami pengaruh baik searah ataupun berkebalikan. Hal tersebut sejalan dengan penelitian (Yusra, 2019).
4. Secara bersamaan volume perdagangan, volatilitas harga dan *market capitalization* berpengaruh positif dan signifikan terhadap *return cryptocurrency*, dimana ketika ketiga variabel tersebut mengalami kenaikan secara bersamaan maka *return cryptocurrency* juga akan mengalami kenaikan.

5.2. SARAN

a. Bagi Akademis

Saran yang dapat diberikan bagi peneliti selanjutnya adalah, diharapkan untuk memilih jenis variabel independen lain yang tidak dijelaskan pada penelitian ini misalnya analisis fundamental dan teknikal lainnya. Analisis fundamental yang belum dijelaskan pada penelitian ini seperti analisis proyek dari masing-masing jenis koin yang dapat dilihat dari *white paper cryptocurrency*. Dengan melihat proyek yang dibuat, maka dapat membandingkan dengan proyek dari jenis koin lain dan melihat hasil yang didapatkan terhadap *return*. Sedangkan dalam analisis teknikal, variabel lain yang dapat diambil seperti garis tren pergerakan harga kripto yang dapat memperkirakan pergerakan harga selanjutnya.

b. Bagi Investor

Saran yang dapat diberikan bagi investor khususnya investor *cryptocurrency* adalah untuk menilai unsur fundamental maupun teknikal dari jenis kripto yang ingin diinvestasikan. Seperti hasil dalam penelitian ini, volume perdagangan dan volatilitas harga dapat dijadikan acuan atau landasan untuk melihat perkiraan keuntungan yang ingin didapat. Volume harga merupakan cara untuk melihat tingkat likuiditas dari *cryptocurrency*, dimana asset yang lebih likuid cenderung lebih diminati. Volume yang mengalami peningkatan juga mengindikasikan jika *return* yang didapat juga akan naik. Volatilitas harga merupakan cerminan fluktuasi ataupun risiko dari investasi *cryptocurrency*, semakin tinggi volatilitas harganya maka akan semakin berisiko namun juga dapat memberikan keuntungan yang tinggi pula. Seperti dalam teori "*high risk, High Return*".

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Lampiran 1. 1 Hasil *Return* Bitcoin, Ethereum, Tether, USD Coin dan BNB

Date	Bitcoin	Ethereum	Tether	USD Coin	BNB
17/12/2020	7.4%	1.4%	0.8%	0.3%	-0.7%
18/12/2020	1.2%	1.6%	1.4%	-0.3%	2.2%
19/12/2020	3.2%	0.7%	-2.1%	0.0%	7.6%
20/12/2020	-1.3%	-2.8%	-0.6%	0.4%	3.0%
21/12/2020	-3.0%	-4.6%	1.9%	-0.2%	-5.7%
22/12/2020	4.4%	4.2%	1.9%	0.1%	3.9%
23/12/2020	-1.2%	-7.1%	-2.5%	1.1%	-6.1%
24/12/2020	1.4%	4.0%	3.6%	-0.7%	3.7%
25/12/2020	3.3%	1.8%	-0.8%	-0.6%	1.4%
26/12/2020	7.2%	1.5%	-1.8%	0.0%	0.9%
27/12/2020	0.0%	8.0%	-1.2%	0.6%	0.7%
28/12/2020	2.9%	6.8%	2.7%	-0.2%	6.7%
29/12/2020	0.7%	-0.2%	0.5%	-0.3%	8.3%
30/12/2020	4.7%	2.1%	-3.2%	-0.6%	-2.7%
31/12/2020	-0.2%	-2.5%	2.4%	-0.7%	-2.7%
01/01/2021	3.4%	1.1%	-2.7%	2.1%	3.6%
02/01/2021	9.4%	6.0%	-0.3%	0.0%	0.9%
03/01/2021	1.1%	24.7%	1.8%	-1.0%	6.6%
04/01/2021	-3.4%	5.6%	-1.8%	-1.0%	-1.5%
05/01/2021	6.1%	5.5%	-4.7%	-0.2%	1.7%
06/01/2021	7.9%	9.3%	9.0%	-0.4%	0.6%
07/01/2021	7.3%	1.9%	-7.9%	0.2%	3.4%
08/01/2021	5.4%	1.6%	-0.5%	1.9%	-0.8%
09/01/2021	-1.3%	4.6%	3.7%	0.0%	3.6%
10/01/2021	-5.0%	-1.8%	4.9%	-0.3%	-3.7%
11/01/2021	-7.1%	-13.4%	-3.5%	0.2%	-9.4%
12/01/2021	-5.0%	-4.7%	2.2%	-0.3%	-1.1%
13/01/2021	10.9%	9.2%	-3.1%	0.7%	6.1%
14/01/2021	4.0%	6.7%	4.4%	-0.9%	3.1%
15/01/2021	-5.3%	-3.1%	-3.4%	0.8%	-1.3%
16/01/2021	-1.8%	5.3%	1.2%	0.0%	5.5%
17/01/2021	-1.5%	-0.8%	-0.9%	-0.5%	5.3%
18/01/2021	2.6%	2.4%	-0.1%	0.2%	-0.5%
19/01/2021	-1.5%	9.6%	-1.1%	0.0%	-5.6%
20/01/2021	-2.2%	-0.4%	1.2%	-0.8%	-1.2%
21/01/2021	-13.6%	-19.2%	-0.5%	-0.3%	-9.6%
22/01/2021	8.1%	11.3%	-3.0%	0.9%	6.7%

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23/01/2021	-3.4%	-1.0%	-1.0%	-0.6%	-0.6%
24/01/2021	0.7%	13.1%	7.4%	0.1%	2.7%
25/01/2021	0.2%	-4.9%	-3.2%	-0.1%	-0.7%
26/01/2021	0.9%	2.8%	4.0%	0.3%	0.5%
27/01/2021	-6.6%	-7.7%	-3.4%	-0.1%	-1.8%
28/01/2021	10.5%	6.8%	0.6%	0.4%	4.2%
29/01/2021	1.9%	3.1%	6.6%	-0.5%	0.2%
30/01/2021	-0.2%	-0.5%	4.7%	0.0%	4.5%
31/01/2021	-3.3%	-4.4%	-10.2%	0.0%	-1.1%
01/02/2021	1.2%	4.0%	2.5%	-0.1%	16.5%
02/02/2021	5.7%	10.5%	-3.4%	-0.1%	-1.2%
03/02/2021	5.4%	9.5%	4.0%	-0.2%	2.2%
04/02/2021	-1.3%	-3.8%	-3.9%	0.2%	7.3%
05/02/2021	3.2%	7.7%	-0.1%	0.0%	21.2%
06/02/2021	2.9%	-2.4%	-0.5%	0.0%	7.2%
07/02/2021	-0.9%	-3.8%	4.2%	0.0%	-5.7%
08/02/2021	18.6%	8.1%	7.1%	-0.1%	16.3%
09/02/2021	0.9%	1.5%	-6.7%	0.3%	35.5%
10/02/2021	-3.6%	-1.6%	0.3%	-0.3%	19.9%
11/02/2021	6.6%	2.2%	1.0%	-0.1%	-4.2%
12/02/2021	-0.8%	3.4%	0.3%	0.0%	10.1%
13/02/2021	-0.9%	-1.7%	-6.5%	-0.1%	-2.7%
14/02/2021	3.5%	-0.4%	2.5%	0.1%	2.3%
15/02/2021	-1.9%	-1.7%	-1.2%	-0.3%	-5.3%
16/02/2021	3.3%	0.8%	-2.5%	0.7%	1.1%
17/02/2021	5.8%	3.6%	2.9%	-0.3%	26.3%
18/02/2021	-0.9%	4.8%	0.1%	0.0%	19.0%
19/02/2021	8.6%	1.6%	-4.2%	0.4%	70.4%
20/02/2021	0.4%	-2.1%	9.2%	0.0%	-23.0%
21/02/2021	2.7%	0.9%	-4.7%	0.1%	14.9%
22/02/2021	-5.6%	-7.7%	1.5%	0.3%	-8.8%
23/02/2021	-9.8%	-11.8%	-5.3%	0.2%	-13.5%
24/02/2021	1.6%	3.3%	4.8%	-0.2%	9.9%
25/02/2021	-4.8%	-8.9%	2.1%	0.4%	-7.6%
26/02/2021	-0.4%	-0.8%	-2.9%	1.2%	-4.1%
27/02/2021	-0.3%	1.0%	4.4%	0.0%	1.6%
28/02/2021	-2.7%	-3.4%	-3.5%	-0.4%	-7.3%
01/03/2021	9.7%	10.3%	1.5%	-0.3%	21.3%
02/03/2021	-2.5%	-4.6%	0.3%	0.1%	-5.9%



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03/03/2021	4.6%	5.7%	-3.6%	0.1%	0.8%
04/03/2021	-3.9%	-2.2%	12.7%	0.0%	-4.6%
05/03/2021	1.7%	0.3%	-7.9%	0.9%	-0.7%
06/03/2021	0.0%	7.9%	0.6%	0.0%	0.1%
07/03/2021	3.8%	3.3%	-5.2%	-0.8%	5.1%
08/03/2021	2.6%	7.0%	2.2%	0.5%	0.6%
09/03/2021	5.3%	2.2%	0.9%	0.4%	22.5%
10/03/2021	2.1%	-3.8%	-0.5%	-0.1%	-4.9%
11/03/2021	3.1%	1.4%	0.5%	-0.1%	3.6%
12/03/2021	-0.7%	-2.8%	1.4%	0.1%	-8.9%
13/03/2021	6.8%	8.6%	-1.3%	0.0%	4.7%
14/03/2021	-3.5%	-4.0%	1.9%	-0.3%	-4.5%
15/03/2021	-5.3%	-3.0%	4.8%	0.4%	-3.4%
16/03/2021	1.8%	1.0%	-8.3%	0.2%	1.5%
17/03/2021	3.4%	0.7%	2.8%	-0.3%	4.4%
18/03/2021	-1.6%	-2.1%	3.0%	0.4%	-2.9%
19/03/2021	0.4%	1.5%	-5.0%	-0.3%	0.5%
20/03/2021	-0.1%	-0.3%	3.5%	0.0%	0.3%
21/03/2021	-1.1%	-1.1%	-2.7%	0.1%	0.3%
22/03/2021	-5.1%	-5.3%	4.0%	0.1%	-3.3%
23/03/2021	0.6%	-0.5%	-2.2%	0.2%	0.2%
24/03/2021	-3.6%	-5.1%	-0.8%	0.1%	-2.3%
25/03/2021	-2.1%	0.1%	12.7%	-0.1%	-6.0%
26/03/2021	6.3%	6.4%	-11.4%	-0.3%	8.3%
27/03/2021	1.5%	0.8%	0.1%	-0.1%	5.5%
28/03/2021	0.0%	-1.4%	-0.1%	0.1%	0.1%
29/03/2021	3.5%	7.9%	2.8%	0.2%	2.5%
30/03/2021	2.7%	2.1%	-7.3%	0.7%	13.9%
31/03/2021	0.1%	4.0%	8.4%	0.0%	-2.9%
01/04/2021	0.3%	3.0%	-4.2%	0.1%	10.9%
02/04/2021	0.3%	8.2%	-0.6%	-0.2%	0.9%
03/04/2021	-3.0%	-5.4%	-3.1%	0.2%	-4.7%
04/04/2021	1.9%	3.1%	4.1%	-0.1%	8.7%
05/04/2021	0.2%	0.4%	5.6%	-0.6%	4.2%
06/04/2021	-1.5%	0.4%	-4.2%	0.1%	9.7%
07/04/2021	-3.0%	-6.3%	-0.4%	0.8%	-6.5%
08/04/2021	4.3%	6.2%	1.2%	0.0%	11.8%
09/04/2021	0.0%	-0.7%	-1.0%	0.2%	8.5%
10/04/2021	2.7%	3.1%	3.5%	-0.1%	4.3%



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11/04/2021	0.3%	0.7%	6.2%	-0.1%	10.8%
12/04/2021	-0.1%	-0.5%	-9.0%	0.1%	14.4%
13/04/2021	6.0%	7.5%	1.1%	-0.1%	-8.2%
14/04/2021	-0.7%	5.9%	-1.1%	0.1%	-0.1%
15/04/2021	-0.1%	3.0%	7.5%	-0.5%	-1.7%
16/04/2021	-2.6%	-3.3%	-4.0%	0.2%	-5.8%
17/04/2021	-1.4%	-3.6%	-5.0%	0.9%	2.0%
18/04/2021	-7.4%	-4.7%	1.9%	-1.1%	-7.6%
19/04/2021	-1.2%	-3.5%	0.8%	-0.3%	4.7%
20/04/2021	1.5%	7.8%	-1.6%	0.2%	16.4%
21/04/2021	-4.8%	1.3%	-1.0%	-0.2%	-7.2%
22/04/2021	-3.7%	1.9%	1.7%	0.3%	-7.1%
23/04/2021	-1.6%	-1.9%	0.9%	-0.3%	3.8%
24/04/2021	-2.0%	-6.4%	-1.1%	0.0%	-5.7%
25/04/2021	-2.0%	4.8%	4.7%	0.1%	1.8%
26/04/2021	9.8%	9.0%	-3.2%	-0.4%	5.4%
27/04/2021	2.2%	5.5%	-1.0%	0.4%	6.7%
28/04/2021	-0.8%	2.7%	-0.1%	-0.4%	-1.4%
29/04/2021	-2.4%	0.3%	3.3%	-0.1%	6.5%
30/04/2021	7.8%	0.5%	-2.8%	-0.1%	4.0%
01/05/2021	0.1%	6.2%	2.7%	0.0%	-0.8%
02/05/2021	-2.1%	0.2%	0.1%	0.0%	0.5%
03/05/2021	1.1%	16.3%	0.3%	0.1%	8.7%
04/05/2021	-6.5%	-5.0%	-5.8%	0.2%	-9.3%
05/05/2021	7.0%	7.6%	1.9%	-0.6%	6.0%
06/05/2021	-2.6%	-1.7%	-0.4%	-0.8%	-3.6%
07/05/2021	0.6%	-1.3%	3.0%	-1.1%	-2.5%
08/05/2021	2.5%	12.0%	12.4%	0.0%	3.4%
09/05/2021	0.1%	1.8%	-15.2%	1.1%	3.6%
10/05/2021	-4.7%	0.0%	-2.1%	-0.6%	-5.2%
11/05/2021	1.4%	5.4%	6.7%	-0.1%	6.4%
12/05/2021	-12.3%	-8.2%	2.6%	1.1%	-11.5%
13/05/2021	1.2%	-1.8%	-2.9%	0.0%	-2.8%
14/05/2021	-0.2%	9.2%	-1.1%	-0.5%	5.0%
15/05/2021	-6.3%	-10.8%	0.2%	0.0%	-6.6%
16/05/2021	-1.2%	-1.9%	0.3%	-0.5%	-0.6%
17/05/2021	-5.3%	-7.6%	0.0%	1.0%	-8.1%
18/05/2021	-1.6%	2.8%	-5.1%	-0.2%	-0.9%
19/05/2021	-13.3%	-26.8%	5.9%	0.5%	-32.9%



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2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

20/05/2021	9.9%	12.8%	1.9%	-0.3%	15.7%
21/05/2021	-8.4%	-12.6%	-1.9%	0.2%	-17.0%
22/05/2021	0.6%	-5.6%	6.2%	0.0%	-8.2%
23/05/2021	-7.5%	-8.2%	5.6%	-0.1%	-12.3%
24/05/2021	11.1%	25.1%	-11.1%	-0.2%	31.1%
25/05/2021	-0.7%	2.5%	1.3%	0.1%	-0.3%
26/05/2021	2.1%	6.5%	-1.2%	-0.1%	10.2%
27/05/2021	-1.9%	-5.0%	-2.4%	0.2%	-3.0%
28/05/2021	-7.4%	-11.8%	1.0%	-0.3%	-10.5%
29/05/2021	-3.0%	-5.8%	1.2%	0.0%	-7.5%
30/05/2021	2.9%	4.7%	-1.8%	-0.2%	6.6%
31/05/2021	4.6%	13.6%	1.2%	0.1%	8.7%
01/06/2021	-1.7%	-3.0%	-0.6%	0.0%	2.4%
02/06/2021	2.2%	2.5%	1.1%	-0.2%	10.4%
03/06/2021	4.9%	6.0%	0.1%	0.5%	7.2%
04/06/2021	-6.4%	-6.4%	1.8%	-0.5%	-9.0%
05/06/2021	-3.6%	-2.1%	-2.2%	-0.1%	-0.2%
06/06/2021	1.2%	3.6%	1.2%	0.4%	1.2%
07/06/2021	-6.7%	-4.9%	-1.2%	-0.3%	-9.6%
08/06/2021	0.0%	-2.6%	-0.9%	0.2%	-0.7%
09/06/2021	11.5%	3.6%	6.7%	-0.1%	6.1%
10/06/2021	-1.9%	-5.4%	-3.0%	-0.2%	-6.5%
11/06/2021	1.5%	-4.9%	1.8%	-0.2%	-1.9%
12/06/2021	-4.8%	0.8%	5.8%	0.1%	-0.6%
13/06/2021	9.7%	5.5%	-9.4%	-0.4%	6.4%
14/06/2021	3.5%	1.8%	-1.6%	0.6%	1.2%
15/06/2021	0.3%	2.7%	4.5%	-0.2%	1.1%
16/06/2021	-3.6%	-7.9%	-3.3%	1.6%	-5.6%
17/06/2021	-0.1%	0.8%	0.4%	0.7%	2.3%
18/06/2021	-6.4%	-6.4%	1.1%	-0.4%	-5.0%
19/06/2021	-0.5%	-2.4%	13.8%	0.0%	-0.3%
20/06/2021	-0.6%	2.3%	-7.1%	-0.8%	0.5%
21/06/2021	-11.1%	-15.8%	-7.0%	0.1%	-20.2%
22/06/2021	3.0%	-0.4%	2.4%	0.4%	-3.0%
23/06/2021	3.6%	6.0%	0.6%	-0.2%	12.3%
24/06/2021	3.0%	0.1%	-0.6%	0.2%	4.9%
25/06/2021	-8.7%	-8.8%	2.2%	0.0%	-8.7%
26/06/2021	1.7%	0.9%	-3.9%	0.1%	-0.8%
27/06/2021	7.4%	7.9%	3.8%	-0.3%	3.7%



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2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

28/06/2021	-0.2%	5.5%	-5.1%	0.3%	0.1%
29/06/2021	4.8%	4.5%	1.1%	0.6%	4.3%
30/06/2021	-2.5%	5.1%	1.0%	-0.2%	0.9%
01/07/2021	-3.8%	-6.7%	1.1%	0.5%	-4.5%
02/07/2021	-0.1%	0.7%	-1.0%	-1.1%	-1.3%
03/07/2021	2.3%	3.5%	-0.2%	0.0%	3.8%
04/07/2021	2.3%	4.8%	0.1%	0.5%	3.7%
05/07/2021	-4.7%	-5.7%	0.3%	-0.3%	-2.1%
06/07/2021	1.7%	6.0%	-2.2%	0.2%	6.4%
07/07/2021	-1.1%	-0.4%	1.9%	0.0%	2.0%
08/07/2021	-2.6%	-8.1%	0.8%	0.3%	-4.9%
09/07/2021	2.3%	0.8%	-0.9%	-0.5%	1.5%
10/07/2021	-0.8%	-1.6%	-1.0%	0.0%	-0.1%
11/07/2021	2.4%	1.6%	-0.4%	0.2%	2.1%
12/07/2021	-3.3%	-4.9%	-0.2%	-0.1%	-1.9%
13/07/2021	-1.1%	-4.5%	1.1%	0.2%	-2.2%
14/07/2021	-0.1%	2.3%	2.0%	-0.5%	-0.3%
15/07/2021	-2.8%	-3.8%	-4.0%	0.4%	2.3%
16/07/2021	-1.4%	-1.9%	2.4%	-0.2%	-4.1%
17/07/2021	0.4%	1.0%	0.1%	0.0%	-0.8%
18/07/2021	1.0%	0.0%	0.2%	0.2%	0.9%
19/07/2021	-2.6%	-3.7%	3.3%	0.4%	-7.0%
20/07/2021	-3.5%	-1.9%	-4.7%	-0.3%	-5.7%
21/07/2021	7.1%	10.8%	2.9%	-0.5%	9.9%
22/07/2021	0.8%	1.9%	-1.7%	0.2%	0.6%
23/07/2021	3.7%	4.7%	0.3%	-0.2%	1.7%
24/07/2021	2.1%	3.0%	14.6%	0.0%	0.9%
25/07/2021	3.2%	0.2%	-13.4%	0.1%	0.2%
26/07/2021	5.9%	2.2%	-1.8%	0.3%	0.9%
27/07/2021	5.4%	2.7%	2.5%	-0.2%	2.8%
28/07/2021	1.2%	-0.4%	-0.5%	-0.3%	-0.4%
29/07/2021	-0.1%	3.5%	0.7%	-0.1%	0.9%
30/07/2021	5.8%	3.9%	0.1%	0.2%	2.2%
31/07/2021	-1.4%	2.8%	3.0%	0.0%	3.3%
01/08/2021	-4.0%	1.0%	-2.4%	0.0%	-0.1%
02/08/2021	-2.6%	1.2%	-1.4%	-0.6%	-1.4%
03/08/2021	-3.0%	-4.5%	1.0%	-0.4%	-2.9%
04/08/2021	4.3%	9.0%	-1.0%	0.1%	3.9%
05/08/2021	3.2%	4.2%	0.8%	0.3%	1.3%



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2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

06/08/2021	4.8%	2.2%	-1.8%	0.0%	1.3%
07/08/2021	4.1%	9.2%	2.0%	0.0%	4.0%
08/08/2021	-2.0%	-4.8%	0.5%	-0.3%	-4.1%
09/08/2021	6.2%	5.5%	-2.5%	0.4%	4.1%
10/08/2021	-1.7%	-0.9%	1.4%	-0.1%	4.7%
11/08/2021	0.0%	0.7%	4.6%	0.0%	5.3%
12/08/2021	-2.6%	-3.9%	-1.1%	0.0%	-1.5%
13/08/2021	7.4%	9.0%	-2.8%	-0.2%	6.4%
14/08/2021	-1.5%	-1.7%	-2.1%	0.0%	-0.5%
15/08/2021	0.1%	1.5%	1.7%	0.2%	1.5%
16/08/2021	-2.4%	-4.8%	0.5%	-0.1%	0.6%
17/08/2021	-2.5%	-4.1%	-1.4%	0.4%	-3.3%
18/08/2021	0.1%	0.0%	10.2%	-0.2%	-1.1%
19/08/2021	5.0%	6.1%	-9.8%	0.6%	8.9%
20/08/2021	4.9%	2.6%	1.8%	-0.6%	4.9%
21/08/2021	-0.9%	-1.9%	-0.6%	0.0%	-1.3%
22/08/2021	1.2%	0.8%	1.7%	0.4%	0.4%
23/08/2021	0.1%	2.0%	-0.1%	-0.4%	10.9%
24/08/2021	-3.6%	-4.3%	0.1%	0.1%	-5.6%
25/08/2021	2.7%	1.7%	-2.8%	0.0%	6.7%
26/08/2021	-3.9%	-3.6%	1.8%	0.3%	-4.5%
27/08/2021	3.6%	4.6%	-2.1%	-0.9%	2.3%
28/08/2021	-0.3%	-0.8%	3.7%	0.0%	-1.7%
29/08/2021	0.5%	0.1%	9.3%	0.7%	-0.6%
30/08/2021	-4.0%	-0.4%	-11.5%	-0.4%	-4.7%
31/08/2021	-0.6%	5.6%	2.8%	-0.8%	0.3%
01/09/2021	3.7%	11.9%	-1.9%	0.1%	5.7%
02/09/2021	1.0%	-1.1%	1.3%	0.1%	-1.2%
03/09/2021	1.2%	3.7%	-1.4%	-0.2%	0.8%
04/09/2021	-0.2%	-1.3%	1.1%	0.0%	1.9%
05/09/2021	3.7%	1.7%	0.2%	0.0%	1.4%
06/09/2021	1.5%	-0.8%	-1.2%	-0.2%	-1.9%
07/09/2021	-11.0%	-12.7%	1.0%	0.1%	-15.8%
08/09/2021	-1.3%	2.3%	1.0%	0.3%	-0.3%
09/09/2021	0.5%	-2.1%	-1.2%	-0.1%	1.4%
10/09/2021	-3.3%	-6.3%	-0.2%	0.0%	-4.7%
11/09/2021	0.7%	1.8%	-1.7%	0.1%	1.0%
12/09/2021	1.5%	3.9%	1.2%	-0.5%	2.4%
13/09/2021	-2.1%	-3.3%	0.2%	0.4%	-3.9%



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14/09/2021	4.7%	4.4%	-0.7%	0.0%	3.8%
15/09/2021	2.1%	5.3%	1.4%	-0.2%	4.0%
16/09/2021	-0.7%	-1.1%	-0.8%	0.1%	-1.4%
17/09/2021	-1.0%	-4.7%	-0.9%	0.1%	-4.1%
18/09/2021	2.1%	1.0%	5.9%	0.0%	1.0%
19/09/2021	-2.4%	-3.2%	-4.2%	-0.2%	-0.8%
20/09/2021	-9.1%	-10.8%	-2.3%	0.3%	-11.1%
21/09/2021	-5.2%	-6.8%	2.5%	-0.2%	-5.0%
22/09/2021	7.1%	11.4%	3.5%	0.0%	10.2%
23/09/2021	3.2%	2.6%	-4.0%	0.2%	1.3%
24/09/2021	-4.5%	-7.0%	0.7%	0.1%	-7.3%
25/09/2021	-0.3%	-0.2%	-0.1%	0.0%	-1.5%
26/09/2021	1.0%	4.5%	0.1%	-0.2%	-1.8%
27/09/2021	-2.4%	-4.3%	-0.8%	-0.1%	-2.4%
28/09/2021	-2.3%	-3.8%	1.0%	0.5%	-0.4%
29/09/2021	1.4%	1.8%	-1.2%	0.1%	10.7%
30/09/2021	5.3%	5.1%	-0.2%	-0.1%	5.1%
01/10/2021	9.7%	10.0%	1.1%	-0.2%	8.8%
02/10/2021	-0.8%	2.5%	0.5%	0.0%	1.5%
03/10/2021	1.0%	0.8%	-1.4%	0.0%	0.6%
04/10/2021	1.6%	-1.4%	1.0%	-0.3%	-1.4%
05/10/2021	4.8%	4.0%	-0.2%	-0.1%	3.9%
06/10/2021	7.7%	2.0%	0.6%	0.2%	-1.5%
07/10/2021	-3.4%	-0.4%	-1.2%	-0.6%	0.1%
08/10/2021	0.8%	-0.2%	5.1%	0.5%	-4.0%
09/10/2021	1.9%	0.3%	-4.0%	0.0%	0.6%
10/10/2021	-0.6%	-4.4%	-1.0%	-0.2%	-4.1%
11/10/2021	4.8%	3.3%	1.3%	-0.2%	1.9%
12/10/2021	-2.4%	-1.3%	-1.1%	0.1%	7.5%
13/10/2021	2.2%	3.0%	0.7%	-0.2%	5.8%
14/10/2021	-0.9%	4.2%	0.1%	-0.8%	-0.5%
15/10/2021	7.3%	1.9%	0.4%	-0.2%	0.2%
16/10/2021	-1.1%	-0.8%	-1.1%	0.1%	-1.7%
17/10/2021	1.2%	0.5%	0.6%	0.1%	1.1%
18/10/2021	1.2%	-2.2%	3.2%	0.4%	3.5%
19/10/2021	3.4%	3.2%	-2.8%	-0.2%	0.4%
20/10/2021	2.8%	7.3%	8.8%	0.1%	2.8%
21/10/2021	-5.6%	-2.3%	-9.2%	0.2%	-5.8%
22/10/2021	-1.9%	-1.5%	1.7%	0.6%	2.2%



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2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

23/10/2021	1.2%	5.1%	-0.1%	0.1%	1.5%
24/10/2021	-1.5%	-2.7%	-0.1%	-0.8%	-2.7%
25/10/2021	3.7%	3.5%	-1.2%	0.2%	2.0%
26/10/2021	-4.3%	-2.2%	-1.1%	-0.1%	-1.5%
27/10/2021	-2.6%	-4.4%	2.3%	0.5%	-5.6%
28/10/2021	3.5%	8.9%	-1.1%	-0.2%	9.4%
29/10/2021	2.9%	3.2%	0.2%	0.2%	7.9%
30/10/2021	-0.5%	-2.0%	5.0%	0.0%	-0.3%
31/10/2021	-1.0%	-1.0%	-5.8%	-0.2%	-0.8%
01/11/2021	-0.1%	1.3%	0.2%	0.5%	5.6%
02/11/2021	4.0%	6.4%	-0.1%	0.4%	1.0%
03/11/2021	-0.1%	0.8%	1.9%	0.3%	2.9%
04/11/2021	-2.2%	-1.3%	-1.1%	0.2%	-1.3%
05/11/2021	-1.2%	-1.8%	-1.0%	-0.6%	8.0%
06/11/2021	0.7%	0.8%	1.9%	0.0%	4.5%
07/11/2021	3.1%	2.3%	-0.2%	0.2%	2.4%
08/11/2021	6.1%	3.5%	0.3%	-0.7%	0.0%
09/11/2021	-0.8%	-1.6%	0.1%	0.1%	-2.9%
10/11/2021	-2.6%	-1.8%	-0.3%	0.3%	-2.8%
11/11/2021	-0.4%	1.7%	0.2%	-0.3%	2.1%
12/11/2021	-1.7%	-1.8%	-0.9%	-0.6%	-1.0%
13/11/2021	2.1%	-0.3%	0.5%	0.2%	3.7%
14/11/2021	-3.0%	-0.4%	-1.0%	0.0%	0.2%
15/11/2021	-5.0%	-1.6%	1.4%	-0.1%	-2.9%
16/11/2021	0.3%	-7.1%	0.1%	0.4%	-6.5%
17/11/2021	-5.6%	1.6%	-0.9%	-0.1%	-2.0%
18/11/2021	2.3%	-6.6%	1.0%	0.1%	-7.9%
19/11/2021	2.7%	7.6%	-0.6%	0.2%	9.5%
20/11/2021	-1.7%	2.6%	0.3%	0.0%	3.8%
21/11/2021	-4.2%	-3.2%	0.3%	0.0%	-3.1%
22/11/2021	2.4%	-4.3%	0.5%	0.0%	-4.5%
23/11/2021	-2.1%	6.3%	-1.6%	0.1%	5.9%
24/11/2021	1.6%	-2.2%	4.2%	0.2%	-1.5%
25/11/2021	-5.6%	0.7%	-4.1%	-0.2%	3.7%
26/11/2021	2.3%	-4.9%	1.3%	0.9%	-2.2%
27/11/2021	4.2%	1.6%	-0.3%	0.2%	2.6%
28/11/2021	0.7%	4.6%	0.0%	-0.4%	1.6%
29/11/2021	-1.5%	3.2%	-1.8%	-0.3%	1.8%
30/11/2021	0.8%	4.1%	-0.8%	-0.2%	-0.4%



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2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

01/12/2021	-1.2%	-0.5%	2.2%	0.5%	1.3%
02/12/2021	-4.2%	-1.6%	0.5%	0.0%	-1.3%
03/12/2021	-8.2%	-5.6%	-2.0%	1.1%	-3.1%
04/12/2021	0.0%	-2.4%	1.0%	0.0%	-4.3%
05/12/2021	2.2%	1.6%	0.5%	-0.5%	-2.3%
06/12/2021	0.0%	3.5%	1.1%	-0.2%	5.3%
07/12/2021	-0.7%	-1.2%	-1.1%	-0.2%	-1.9%
08/12/2021	-5.6%	2.5%	0.5%	-0.4%	4.4%
09/12/2021	-0.9%	-7.2%	-0.2%	0.1%	-5.9%
10/12/2021	4.5%	-5.1%	-0.8%	0.1%	-3.3%
11/12/2021	1.7%	4.5%	-0.1%	-0.1%	2.1%
12/12/2021	-7.1%	1.4%	10.5%	0.2%	1.3%
13/12/2021	-0.1%	-8.8%	-6.3%	-0.4%	-9.1%
14/12/2021	4.8%	-0.9%	-2.7%	0.2%	-1.7%
15/12/2021	-2.2%	7.2%	4.2%	-0.1%	5.7%
16/12/2021	-3.1%	-1.0%	-3.9%	0.2%	-2.4%
17/12/2021	1.4%	-2.1%	0.5%	0.1%	-0.1%
18/12/2021	-0.3%	2.1%	-1.0%	0.0%	1.6%
19/12/2021	0.4%	-0.9%	-0.2%	0.0%	-0.7%
20/12/2021	3.7%	0.3%	1.5%	0.0%	-1.3%
21/12/2021	-1.1%	1.5%	3.2%	-0.6%	0.4%
22/12/2021	4.2%	-1.4%	-5.1%	-0.7%	0.5%
23/12/2021	0.0%	2.9%	0.9%	-0.1%	2.5%
24/12/2021	-0.8%	-1.5%	-1.9%	0.0%	-1.3%
25/12/2021	0.8%	1.1%	1.5%	-0.1%	1.0%
26/12/2021	-0.1%	-0.6%	1.1%	0.0%	0.0%
27/12/2021	-6.0%	-0.5%	-1.8%	0.3%	3.1%
28/12/2021	-2.3%	-5.8%	1.7%	0.2%	-4.9%
29/12/2021	1.7%	-4.4%	0.6%	0.0%	-3.8%
30/12/2021	-2.0%	2.5%	0.6%	0.2%	1.1%
31/12/2021	3.0%	-1.0%	-0.9%	-0.2%	-1.6%
01/01/2022	-0.7%	2.4%	2.3%	0.0%	3.1%
02/01/2022	-1.6%	1.6%	-3.3%	0.0%	0.8%
03/01/2022	-0.8%	-1.5%	-0.1%	0.3%	-3.4%
04/01/2022	-4.7%	1.3%	0.1%	0.5%	-0.5%
05/01/2022	-1.2%	-6.0%	0.4%	0.3%	-6.0%
06/01/2022	-4.1%	-3.9%	-0.4%	-0.3%	-0.6%
07/01/2022	0.4%	-6.9%	-0.4%	-0.3%	-5.7%
08/01/2022	0.6%	-3.2%	0.6%	-0.1%	-3.9%



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 - b. Pengutipan tidak merugikan kepentingan yang wajar Politeknik Negeri Jakarta
2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

09/01/2022	-0.4%	2.3%	0.6%	0.2%	2.2%
10/01/2022	2.1%	-2.6%	-1.0%	-0.1%	-3.3%
11/01/2022	3.0%	5.0%	-0.5%	-0.1%	9.0%
12/01/2022	-3.2%	4.3%	1.3%	0.1%	5.2%
13/01/2022	1.2%	-3.8%	-0.6%	-0.2%	-2.6%
14/01/2022	0.2%	1.9%	7.5%	0.1%	3.2%
15/01/2022	-0.1%	0.6%	-8.0%	-0.1%	1.0%
16/01/2022	-1.9%	0.6%	1.0%	0.0%	0.7%
17/01/2022	0.5%	-4.0%	-0.3%	0.1%	-4.5%
18/01/2022	-1.3%	-1.3%	1.6%	0.2%	-0.6%
19/01/2022	-2.8%	-2.0%	-0.6%	0.2%	-1.7%
20/01/2022	-10.5%	-3.3%	-0.6%	-0.2%	-5.2%
21/01/2022	-3.9%	-14.9%	-0.1%	-0.1%	-13.1%
22/01/2022	3.6%	-6.0%	-0.2%	0.0%	-6.5%
23/01/2022	1.2%	5.4%	1.6%	0.0%	7.2%
24/01/2022	0.8%	-3.6%	-1.6%	0.1%	-3.1%
25/01/2022	0.0%	0.6%	0.8%	0.0%	3.5%
26/01/2022	0.9%	0.7%	0.5%	0.1%	-2.1%
27/01/2022	1.7%	-1.8%	-0.6%	0.2%	3.9%
28/01/2022	0.9%	5.0%	0.5%	-0.1%	-1.1%
29/01/2022	-0.6%	2.0%	0.2%	0.0%	0.8%
30/01/2022	1.3%	0.3%	-0.9%	0.1%	-3.0%
31/01/2022	0.6%	3.1%	1.0%	-0.2%	-0.8%
01/02/2022	-4.5%	3.7%	0.1%	-0.1%	2.6%
02/02/2022	0.8%	-3.8%	0.0%	0.1%	-4.6%
03/02/2022	11.8%	0.1%	-2.7%	0.3%	1.2%
04/02/2022	-0.1%	11.4%	4.1%	0.0%	7.7%
05/02/2022	2.3%	1.0%	-1.1%	0.1%	3.8%
06/02/2022	3.4%	1.4%	-0.8%	0.0%	1.2%
07/02/2022	0.6%	2.8%	0.0%	-0.1%	3.3%
08/02/2022	0.2%	-0.7%	2.0%	0.0%	-5.7%
09/02/2022	-1.6%	3.4%	-1.7%	-0.3%	3.0%
10/02/2022	-2.7%	-4.9%	-1.7%	0.2%	-1.6%
11/02/2022	-0.4%	-5.0%	-0.3%	-0.2%	-3.6%
12/02/2022	-0.1%	-0.3%	1.7%	0.1%	0.7%
13/02/2022	0.6%	-1.1%	0.2%	0.0%	-1.1%
14/02/2022	4.4%	1.5%	0.3%	-0.3%	0.9%
15/02/2022	-1.3%	8.1%	-1.3%	-0.2%	6.8%
16/02/2022	-7.3%	-1.6%	0.5%	0.1%	-1.0%



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2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

17/02/2022	-1.2%	-7.4%	-0.6%	0.5%	-5.4%
18/02/2022	0.2%	-3.3%	3.4%	0.1%	-0.7%
19/02/2022	-4.3%	-0.8%	-2.7%	0.0%	0.1%
20/02/2022	-3.5%	-5.0%	-0.1%	-0.1%	-4.9%
21/02/2022	3.4%	-2.1%	0.8%	-0.1%	-6.4%
22/02/2022	-2.8%	2.7%	-0.1%	0.2%	5.1%
23/02/2022	3.3%	-2.0%	-0.8%	-0.3%	-2.3%
24/02/2022	1.7%	0.8%	0.0%	0.5%	-1.0%
25/02/2022	-0.3%	5.8%	0.2%	-0.6%	3.2%
26/02/2022	-3.5%	0.6%	-2.0%	0.0%	-0.3%
27/02/2022	14.7%	-5.7%	3.6%	0.0%	-3.4%
28/02/2022	3.1%	11.5%	0.1%	0.2%	9.9%
01/03/2022	-1.2%	2.3%	-1.5%	0.4%	3.7%
02/03/2022	-3.6%	-1.0%	1.5%	-0.3%	-0.1%
03/03/2022	-7.7%	-4.1%	-2.5%	-0.2%	-1.8%
04/03/2022	0.7%	-7.5%	1.5%	0.2%	-6.9%
05/03/2022	-2.5%	1.8%	-0.9%	0.0%	2.8%
06/03/2022	-0.8%	-4.1%	1.3%	0.1%	-2.6%
07/03/2022	1.5%	-2.1%	-1.2%	0.1%	1.9%
08/03/2022	7.6%	2.8%	1.2%	-0.2%	-0.1%
09/03/2022	-5.9%	5.2%	-1.5%	-0.7%	2.3%
10/03/2022	-1.3%	-4.3%	0.1%	0.1%	-5.3%
11/03/2022	0.3%	-1.5%	1.5%	0.3%	0.3%
12/03/2022	-2.8%	0.6%	-0.7%	0.0%	0.1%
13/03/2022	5.0%	-2.2%	0.3%	0.0%	-3.0%
14/03/2022	-1.1%	3.1%	0.0%	0.3%	3.4%
15/03/2022	4.3%	0.9%	0.1%	-0.4%	-0.8%
16/03/2022	0.0%	5.5%	5.6%	-0.3%	3.4%
17/03/2022	2.2%	2.0%	-6.4%	0.4%	2.1%
18/03/2022	0.9%	4.7%	0.2%	0.1%	1.6%
19/03/2022	-2.2%	0.0%	0.1%	0.0%	0.6%
20/03/2022	-0.4%	-2.9%	-0.8%	0.1%	-2.2%
21/03/2022	3.1%	1.3%	0.6%	0.0%	1.5%
22/03/2022	1.5%	2.6%	-1.6%	0.0%	2.0%
23/03/2022	2.4%	2.2%	1.6%	0.2%	1.3%
24/03/2022	0.8%	2.4%	-0.1%	-0.2%	1.2%
25/03/2022	0.3%	-0.1%	0.0%	-0.1%	-0.8%
26/03/2022	5.1%	1.2%	0.8%	0.1%	1.2%
27/03/2022	0.8%	4.6%	0.8%	-0.1%	3.4%



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2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

28/03/2022	0.6%	1.5%	-0.1%	0.2%	0.1%
29/03/2022	-1.0%	1.8%	-2.4%	-0.1%	0.8%
30/03/2022	-3.1%	-0.6%	-0.8%	-0.2%	1.8%
31/03/2022	1.7%	-2.9%	-0.6%	0.2%	-2.9%
01/04/2022	-0.9%	5.2%	0.8%	0.2%	4.2%
02/04/2022	1.2%	-0.1%	1.6%	-0.1%	-2.2%
03/04/2022	0.1%	2.2%	-1.4%	0.1%	3.0%
04/04/2022	-2.0%	-0.3%	1.3%	-0.3%	-0.9%
05/04/2022	-5.0%	-2.8%	0.9%	0.2%	-0.2%
06/04/2022	0.7%	-6.9%	0.3%	0.1%	-5.5%
07/04/2022	-2.9%	2.0%	-2.0%	0.1%	4.0%
08/04/2022	1.2%	-1.4%	-0.5%	-0.2%	-3.6%
09/04/2022	-1.4%	2.2%	3.5%	0.0%	1.3%
10/04/2022	-6.3%	-1.6%	-0.8%	-0.1%	-2.1%
11/04/2022	1.5%	-7.1%	-0.2%	0.1%	-5.8%
12/04/2022	2.6%	1.6%	0.6%	0.0%	5.0%
13/04/2022	-2.8%	2.9%	-2.3%	0.0%	2.2%
14/04/2022	1.4%	-3.0%	3.0%	0.2%	-1.8%
15/04/2022	-0.3%	0.6%	-3.2%	-0.1%	0.5%
16/04/2022	-1.9%	0.7%	0.0%	0.0%	0.0%
17/04/2022	2.9%	-2.4%	3.3%	-0.3%	-2.6%
18/04/2022	1.7%	2.2%	-2.2%	0.1%	2.4%
19/04/2022	-0.4%	1.6%	2.7%	0.1%	1.4%
20/04/2022	-1.8%	-0.9%	-3.3%	-0.1%	-1.0%
21/04/2022	-1.4%	-2.7%	-1.2%	0.3%	-3.0%
22/04/2022	-0.6%	-0.2%	0.5%	0.6%	1.1%
23/04/2022	-0.8%	-0.9%	0.4%	0.0%	-1.3%
24/04/2022	3.0%	-1.3%	2.9%	-0.8%	-1.4%
25/04/2022	-5.7%	3.5%	-1.1%	0.5%	1.8%
26/04/2022	3.1%	-6.6%	0.2%	0.0%	-4.6%
27/04/2022	1.8%	3.0%	-0.8%	0.1%	1.7%
28/04/2022	-2.9%	2.1%	1.4%	0.4%	4.4%
29/04/2022	-2.3%	-4.1%	-0.6%	0.1%	-3.3%
30/04/2022	1.8%	-3.0%	1.3%	0.0%	-3.9%
01/05/2022	0.4%	3.4%	-1.1%	-0.2%	3.1%
02/05/2022	-2.5%	1.3%	2.3%	0.2%	0.0%
03/05/2022	5.0%	-3.1%	-4.4%	-0.5%	-2.1%
04/05/2022	-7.7%	5.5%	-0.9%	-0.2%	4.8%
05/05/2022	-1.2%	-6.3%	3.9%	0.2%	-5.7%



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2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

06/05/2022	-1.5%	-1.7%	-1.1%	0.3%	0.4%
07/05/2022	-4.1%	-2.2%	-2.4%	0.0%	-3.6%
08/05/2022	-10.7%	-4.5%	3.6%	0.0%	-2.8%
09/05/2022	2.2%	-10.5%	-4.9%	0.3%	-15.4%
10/05/2022	-6.6%	4.2%	5.0%	-0.2%	6.5%
11/05/2022	1.2%	-11.5%	-2.9%	0.2%	-15.3%
12/05/2022	0.8%	-4.5%	-0.7%	0.8%	0.6%
13/05/2022	2.8%	2.7%	1.8%	0.0%	7.9%
14/05/2022	3.6%	2.1%	-2.1%	0.0%	2.3%
15/05/2022	-4.4%	4.0%	4.4%	-0.4%	4.5%
16/05/2022	1.9%	-5.5%	-4.1%	0.3%	-4.4%
17/05/2022	-4.9%	3.4%	2.0%	0.0%	2.8%
18/05/2022	4.7%	-7.7%	-1.9%	0.7%	-5.4%
19/05/2022	-3.4%	4.4%	2.2%	-0.8%	5.8%
20/05/2022	0.8%	-2.6%	-1.8%	0.2%	-1.2%
21/05/2022	2.9%	0.7%	2.7%	0.0%	3.3%
22/05/2022	-4.2%	3.3%	0.1%	-0.2%	2.1%
23/05/2022	2.0%	-3.6%	-3.0%	-0.1%	-1.0%
24/05/2022	-0.5%	0.5%	0.7%	0.1%	3.7%
25/05/2022	-1.0%	-1.9%	-0.2%	-0.2%	-1.0%
26/05/2022	-2.7%	-7.3%	0.9%	0.0%	-6.4%
27/05/2022	1.4%	-4.9%	2.4%	-0.5%	-1.9%
28/05/2022	1.7%	3.9%	-2.2%	0.0%	2.3%
29/05/2022	7.5%	1.4%	-1.9%	0.3%	-0.3%
30/05/2022	0.2%	10.0%	2.7%	-0.3%	4.9%
31/05/2022	-6.2%	-2.7%	0.4%	0.0%	-0.4%
01/06/2022	0.0%	-6.1%	-3.1%	0.1%	-6.2%
02/06/2022	1.4%	-0.3%	-0.2%	-0.8%	1.7%
03/06/2022	-2.5%	-3.2%	2.7%	0.0%	-3.2%
04/06/2022	0.4%	1.5%	-1.8%	0.0%	1.1%
05/06/2022	0.3%	0.2%	0.6%	0.0%	-0.9%
06/06/2022	4.9%	3.0%	-0.6%	0.0%	-1.2%
07/06/2022	-0.5%	-2.2%	0.8%	0.2%	-1.5%
08/06/2022	-2.8%	-0.9%	2.7%	0.3%	-0.3%
09/06/2022	0.3%	0.5%	-0.1%	0.7%	1.1%
10/06/2022	-3.4%	-7.0%	-1.1%	0.0%	-1.3%
11/06/2022	-2.5%	-8.1%	-1.8%	0.0%	-5.8%
12/06/2022	-6.0%	-5.9%	2.7%	-0.4%	-5.4%
13/06/2022	-14.5%	-15.1%	-3.3%	1.9%	-11.5%



© Hak Cipta milik Politeknik Negeri Jakarta

Hak Cipta :

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penulisan laporan, penulisan kritik atau tinjauan suatu masalah.
 - b. Pengutipan tidak merugikan kepentingan yang wajar Politeknik Negeri Jakarta
2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

14/06/2022	-1.5%	0.4%	0.5%	-0.2%	0.1%
15/06/2022	1.0%	1.2%	-0.3%	-0.6%	3.9%
16/06/2022	-8.8%	-12.6%	3.9%	1.0%	-9.3%
17/06/2022	0.4%	1.8%	-3.6%	0.0%	3.0%
18/06/2022	-7.1%	-8.5%	2.0%	0.0%	-8.7%
19/06/2022	8.0%	13.4%	2.0%	-0.1%	9.0%
20/06/2022	0.3%	0.0%	-0.6%	0.0%	1.0%
21/06/2022	0.6%	-0.2%	-3.7%	0.1%	1.3%
22/06/2022	-3.5%	-6.6%	4.6%	0.0%	-2.4%
23/06/2022	5.7%	9.0%	-4.2%	0.3%	7.1%
24/06/2022	0.4%	7.0%	3.4%	-0.3%	4.7%
25/06/2022	1.3%	1.4%	-1.0%	0.0%	-0.2%
26/06/2022	-2.1%	-3.4%	-2.5%	0.1%	-2.3%
27/06/2022	-1.7%	-0.8%	2.6%	-0.2%	-0.4%
28/06/2022	-1.8%	-3.8%	-2.1%	0.4%	-2.5%
29/06/2022	-0.7%	-3.9%	0.6%	0.2%	-3.2%
30/06/2022	-1.1%	-2.4%	-0.9%	0.5%	0.5%
01/07/2022	-2.5%	-0.6%	1.3%	0.1%	-1.4%
02/07/2022	-0.1%	0.6%	0.5%	0.0%	0.9%
03/07/2022	0.0%	0.4%	-2.3%	-0.2%	0.2%
04/07/2022	5.2%	7.6%	2.3%	0.4%	6.1%
05/07/2022	0.1%	-1.1%	1.5%	0.3%	0.0%
06/07/2022	1.6%	4.4%	-1.6%	-0.2%	3.1%
07/07/2022	5.1%	4.0%	2.4%	-0.2%	1.1%
08/07/2022	0.4%	-1.3%	-4.0%	-0.1%	-0.4%
09/07/2022	-0.6%	-0.5%	0.8%	0.0%	1.0%
10/07/2022	-3.4%	-4.0%	1.9%	0.0%	-3.5%
11/07/2022	-4.1%	-5.9%	1.2%	0.2%	-3.5%
12/07/2022	-3.4%	-5.5%	-0.3%	-0.2%	-2.6%
13/07/2022	4.9%	7.6%	-1.2%	0.3%	4.9%
14/07/2022	1.9%	7.1%	1.4%	0.1%	3.4%
15/07/2022	1.0%	3.2%	-2.4%	-0.3%	-0.2%
16/07/2022	1.7%	9.7%	0.7%	0.0%	4.6%
17/07/2022	-1.9%	-1.0%	2.5%	0.0%	-0.7%
18/07/2022	8.1%	17.8%	-1.7%	-0.1%	6.8%
19/07/2022	3.9%	-2.4%	-1.8%	-0.2%	1.3%
20/07/2022	-0.6%	-1.4%	1.5%	0.1%	-3.8%
21/07/2022	0.0%	4.0%	-2.2%	0.3%	3.0%
22/07/2022	-2.2%	-2.7%	5.0%	-0.3%	-1.2%



Hak Cipta :

1. Dilarang mengutip sebagian atau seluruh karya tulis ini
 - a. Pengutipan hanya untuk kepentingan pendidikan, peneliti
 - b. Pengutipan tidak merugikan kepentingan yang wajar
2. Dilarang mengemukakan dan memperbanyak sebagian tanpa izin Politeknik Negeri Jakarta

23/07/2022	-1.1%	0.8%	-1.8%	0.0%	-1.3%
24/07/2022	0.9%	3.5%	-2.4%	0.3%	1.2%
25/07/2022	-5.7%	-9.8%	0.0%	-0.2%	-6.6%
26/07/2022	-0.6%	-0.2%	0.5%	0.1%	1.6%
27/07/2022	7.7%	13.2%	1.4%	-0.3%	8.7%
28/07/2022	3.4%	4.8%	0.8%	-0.6%	1.5%
29/07/2022	-0.5%	-0.2%	-1.0%	-0.3%	5.7%
30/07/2022	-0.6%	-1.8%	-0.6%	0.0%	-2.2%
31/07/2022	-1.2%	-0.7%	1.9%	0.1%	-1.3%
01/08/2022	0.0%	-2.7%	0.3%	0.1%	0.1%
02/08/2022	-1.1%	0.2%	-1.8%	0.3%	0.4%
03/08/2022	-0.5%	-0.8%	0.4%	0.1%	5.2%

Lampiran 1. 2 Hasil Volume Perdagangan Bitcoin, Ethereum, Tether, USD Coin dan BNB

Date	Bitcoin	Ethereum	Tether	USD Coin	BNB
17/12/2020	1,005,464,388,742,850	358,913,735,044,689	731,203,080,742,438	18,201,601,133,055	6,761,252,070,108
18/12/2020	570,882,913,829,010	222,715,356,792,614	733,911,103,116,825	11,229,698,341,807	5,075,248,942,956
19/12/2020	542,577,358,034,619	180,883,248,371,533	735,356,167,488,992	10,563,870,380,692	7,539,949,485,676
20/12/2020	533,508,194,177,819	188,565,833,676,398	736,327,499,185,676	10,298,231,148,768	8,226,723,563,532
21/12/2020	648,778,099,200,577	204,023,946,467,959	737,221,718,638,548	11,828,693,537,832	8,248,977,082,060
22/12/2020	623,970,250,080,103	208,301,033,097,507	738,953,630,091,496	14,188,299,580,120	7,966,034,863,065
23/12/2020	723,479,412,505,845	215,877,745,813,770	739,047,752,467,595	14,073,841,079,227	8,241,265,381,132
24/12/2020	587,290,540,867,487	204,681,746,299,810	739,838,733,532,479	11,760,866,427,362	6,980,215,048,061
25/12/2020	596,932,742,150,831	191,856,244,714,409	741,085,543,831,717	10,903,891,693,747	5,974,187,408,593
26/12/2020	681,685,252,396,675	208,191,396,960,600	741,214,972,834,575	11,816,115,936,158	6,127,706,592,162
27/12/2020	937,634,641,402,074	368,024,330,051,993	742,676,502,169,696	16,474,683,304,512	8,001,014,092,146
28/12/2020	696,097,815,545,529	343,709,634,791,877	742,751,964,834,240	14,721,363,979,191	8,676,632,123,876
29/12/2020	640,897,907,377,551	264,915,208,066,620	743,139,683,165,203	15,613,637,076,507	13,292,701,100,307
30/12/2020	723,737,926,679,953	244,050,758,261,581	743,732,252,596,759	16,342,041,560,471	7,072,964,084,837



Hak Cipta Ditangguhkan

31/12/2020	655,473,257,924,039	195,245,055,022,405	743,846,825,023,185	15,415,127,812,108	5,665,784,380,775
01/01/2021	566,925,064,642,706	190,022,248,675,299	744,120,239,404,627	13,140,233,276,191	6,391,127,980,752
02/01/2021	964,618,222,190,961	280,589,251,268,461	744,505,012,847,392	23,867,765,066,466	7,419,055,609,064
03/01/2021	1,118,123,463,654,400	642,465,487,204,966	747,115,708,649,591	25,991,114,025,725	10,774,101,340,434
04/01/2021	1,142,632,457,118,760	801,694,744,577,441	748,186,645,812,591	30,986,528,416,912	11,373,424,716,852
05/01/2021	941,521,895,982,208	578,956,906,287,645	748,429,617,334,107	23,170,594,095,480	8,980,299,173,103
06/01/2021	1,046,817,400,983,710	621,503,518,176,802	748,518,772,980,720	24,908,500,749,107	8,912,705,707,728
07/01/2021	1,174,000,298,999,000	560,503,493,046,193	749,020,273,884,367	31,376,802,737,448	11,495,449,217,198
08/01/2021	1,225,077,597,426,150	616,446,851,023,596	750,275,777,929,576	31,097,627,556,803	9,045,633,378,582
09/01/2021	876,267,010,795,957	469,814,748,818,376	752,628,697,356,655	21,965,596,384,570	8,341,361,176,257
10/01/2021	1,130,555,861,934,850	574,134,635,337,524	752,642,985,940,688	27,099,617,038,825	9,915,790,155,689
11/01/2021	1,737,960,043,825,450	855,920,670,859,269	753,421,566,056,768	44,627,802,840,974	12,553,063,223,721
12/01/2021	1,056,202,573,142,750	529,626,303,578,415	754,064,270,021,190	27,330,197,645,093	8,012,628,140,692
13/01/2021	976,008,465,063,355	423,667,590,958,481	754,388,905,112,362	24,477,852,992,755	7,631,763,906,078
14/01/2021	902,106,546,641,811	473,783,493,319,504	754,728,590,089,555	25,677,035,326,770	7,573,929,331,460
15/01/2021	951,530,442,486,970	505,137,361,977,399	754,962,867,598,253	22,889,280,623,196	7,892,157,600,403
16/01/2021	816,803,159,581,261	457,463,201,916,764	755,152,235,135,237	23,656,502,416,663	8,552,416,914,604
17/01/2021	741,128,395,963,289	414,133,293,670,833	756,334,349,217,540	20,721,004,002,758	9,410,991,086,707
18/01/2021	697,427,534,563,167	363,667,648,179,398	756,686,033,220,415	19,889,827,865,904	8,267,220,286,795
19/01/2021	808,004,681,519,166	666,172,985,030,697	759,180,752,069,311	28,500,941,141,344	10,595,303,193,014
20/01/2021	944,124,116,893,331	660,884,476,067,306	759,785,568,688,647	25,626,202,742,495	9,663,707,542,408
21/01/2021	1,060,385,041,594,110	643,893,750,448,738	760,098,035,596,114	25,978,028,621,635	8,719,135,207,182
22/01/2021	1,078,238,697,355,680	613,341,859,659,040	764,114,423,579,200	30,674,698,352,241	7,835,667,446,092
23/01/2021	681,705,095,964,856	384,225,417,928,106	765,076,737,985,251	18,157,180,152,267	6,606,450,422,211
24/01/2021	682,040,499,700,885	510,623,077,219,811	765,204,098,064,673	18,721,584,696,551	6,316,314,681,634
25/01/2021	840,305,540,116,884	611,191,393,263,474	766,030,118,258,008	22,968,021,404,775	7,115,205,701,759
26/01/2021	844,683,135,921,902	582,784,779,824,776	766,206,861,686,476	22,213,411,262,003	7,661,554,189,442



Hak Cipta Dititik

27/01/2021	880,007,836,736,984	553,997,914,847,596	768,061,197,281,163	23,544,990,061,078	7,307,312,416,815
28/01/2021	1,075,057,555,626,780	486,649,296,478,570	768,542,562,648,898	21,532,845,276,427	7,500,498,380,324
29/01/2021	1,664,081,891,083,010	756,732,748,521,481	768,554,155,121,167	34,023,205,785,795	9,199,756,174,752
30/01/2021	914,076,655,920,926	429,614,831,331,905	768,649,566,239,341	20,253,153,947,092	7,489,894,084,456
31/01/2021	740,146,233,690,786	353,539,915,744,594	768,806,287,725,531	17,479,943,260,923	7,191,012,570,872
01/02/2021	861,753,211,031,932	409,971,094,503,820	770,036,359,330,750	20,435,611,022,200	17,641,036,065,354
02/02/2021	884,869,322,726,575	637,293,315,437,060	770,092,036,431,302	24,550,413,140,227	14,119,715,101,107
03/02/2021	856,794,836,650,467	586,558,421,018,869	770,426,243,516,342	25,595,328,045,723	10,001,374,801,979
04/02/2021	962,977,831,587,831	621,069,135,760,832	770,822,623,140,532	26,086,355,327,585	13,162,350,496,965
05/02/2021	821,446,871,495,042	562,255,879,519,647	770,961,200,650,020	24,148,677,813,396	20,068,571,679,109
06/02/2021	999,214,429,672,166	558,591,235,641,284	772,421,054,992,225	25,253,473,868,906	29,623,021,959,755
07/02/2021	917,605,850,640,896	558,815,654,663,397	773,153,553,734,370	19,849,050,533,073	20,925,246,939,733
08/02/2021	1,421,542,446,995,490	672,645,812,671,801	773,351,321,703,159	25,104,733,159,961	29,891,095,253,188
09/02/2021	1,285,097,911,399,290	618,414,719,085,030	774,241,370,642,613	23,650,770,346,936	61,950,326,609,208
10/02/2021	1,225,270,796,615,420	588,292,247,565,703	774,361,667,804,400	30,268,219,906,615	98,249,536,670,826
11/02/2021	1,139,013,225,984,590	504,109,940,906,233	775,499,805,618,527	28,629,023,094,160	39,321,812,478,907
12/02/2021	1,070,559,389,227,150	530,070,815,470,366	775,539,786,963,880	30,575,135,131,337	41,695,614,369,449
13/02/2021	982,677,465,928,746	494,615,643,182,493	775,871,604,067,161	31,881,114,861,661	29,609,546,285,283
14/02/2021	995,557,739,026,808	439,298,752,519,442	776,054,419,726,212	26,734,766,941,513	32,313,924,105,777
15/02/2021	1,077,975,572,730,220	544,871,541,650,161	777,416,644,668,965	30,971,544,390,589	33,778,384,610,671
16/02/2021	1,074,718,401,994,420	478,002,870,333,415	780,428,755,563,664	28,767,720,199,817	26,861,484,108,918
17/02/2021	1,135,124,560,221,830	504,993,771,426,771	780,652,605,032,814	29,952,233,441,799	73,542,769,888,776
18/02/2021	729,470,534,627,855	395,965,000,442,755	781,679,534,097,969	29,348,073,273,488	85,636,517,325,648
19/02/2021	889,791,785,423,845	368,117,051,910,388	783,971,432,724,887	32,528,067,931,769	252,003,333,837,699
20/02/2021	958,589,238,594,215	488,063,321,301,692	787,672,811,246,609	34,771,493,535,598	136,174,045,477,920
21/02/2021	730,033,470,370,499	332,350,157,713,599	788,315,624,839,649	27,368,829,868,483	119,651,775,501,322
22/02/2021	1,296,109,187,711,830	597,132,934,437,723	788,457,488,446,387	50,465,479,488,976	111,032,578,168,584



Hak Cipta Ditugaskan

23/02/2021	1,497,543,840,487,350	734,356,011,325,861	788,500,951,691,793	63,829,514,964,143	116,875,581,477,019
24/02/2021	900,336,194,802,803	442,835,422,584,642	788,690,800,034,364	34,316,263,294,723	101,123,509,536,180
25/02/2021	768,640,691,709,169	345,235,781,439,423	790,046,073,170,157	32,457,429,821,359	57,251,236,066,697
26/02/2021	4,971,394,314,728,070	445,284,946,777,225	790,695,552,856,006	34,837,124,366,170	59,026,832,009,640
27/02/2021	658,165,554,063,002	297,352,569,322,757	791,324,893,555,769	25,472,220,665,596	39,498,742,119,021
28/02/2021	766,155,537,348,583	396,196,114,790,137	791,363,638,944,189	32,524,514,342,173	44,866,425,992,331
01/03/2021	769,571,327,231,002	343,190,524,165,093	791,623,876,376,008	24,858,711,829,016	71,518,234,676,422
02/03/2021	677,366,150,557,668	320,986,393,857,613	791,666,733,323,849	27,778,957,604,624	83,828,538,979,528
03/03/2021	758,780,741,455,872	323,279,301,055,367	792,169,951,234,534	27,168,050,824,964	83,086,897,796,387
04/03/2021	747,011,876,982,140	326,899,026,913,367	792,428,275,656,522	23,770,112,290,211	79,638,440,969,507
05/03/2021	693,912,737,397,526	300,637,169,008,970	793,867,335,073,747	28,168,641,256,715	70,918,918,381,688
06/03/2021	494,806,122,064,978	327,526,843,741,091	795,804,860,853,972	18,365,784,773,091	64,647,638,132,970
07/03/2021	621,142,748,177,886	342,842,831,449,207	797,437,738,809,978	17,507,030,482,470	73,170,277,815,144
08/03/2021	693,951,780,921,833	394,559,471,411,681	799,248,679,661,349	20,577,536,691,917	71,637,475,226,549
09/03/2021	730,754,349,443,897	336,744,380,433,008	800,554,675,133,723	24,156,891,630,298	124,532,360,329,211
10/03/2021	825,209,841,102,801	362,287,494,456,510	801,278,331,222,485	25,219,438,706,068	65,454,757,872,228
11/03/2021	816,970,999,315,182	345,556,162,515,711	802,029,946,948,186	21,410,486,084,391	67,290,940,836,000
12/03/2021	800,515,110,067,888	322,503,713,434,157	802,109,185,189,134	23,177,510,219,373	56,934,731,599,826
13/03/2021	873,127,914,351,225	359,998,103,120,759	802,917,442,269,559	29,421,180,941,105	41,789,582,967,216
14/03/2021	631,803,082,873,268	278,397,036,606,081	804,491,069,690,525	22,234,813,664,490	29,420,103,416,637
15/03/2021	952,796,156,008,344	376,484,846,136,529	809,377,626,466,552	27,648,376,736,968	35,698,325,755,170
16/03/2021	860,741,451,020,466	343,267,867,023,343	810,125,185,122,374	26,921,849,711,245	34,941,810,089,415
17/03/2021	869,768,492,540,969	353,819,448,978,924	811,756,102,542,582	25,732,841,442,022	32,785,766,519,958
18/03/2021	803,136,493,709,859	335,163,591,398,386	813,423,440,175,027	21,980,759,758,574	35,239,595,852,367
19/03/2021	708,043,215,816,602	306,649,677,729,168	814,957,342,359,862	21,255,193,154,334	27,035,761,581,976
20/03/2021	723,811,391,512,094	325,929,214,072,982	816,539,225,451,107	17,126,990,495,992	28,812,804,669,899
21/03/2021	746,543,739,573,104	330,237,003,537,692	817,444,661,964,872	18,182,313,434,645	24,699,627,293,797



Hak Cipta Ditugaskan

22/03/2021	814,466,359,818,043	340,062,597,841,107	818,500,935,915,944	19,896,872,553,522	33,487,243,261,677
23/03/2021	814,015,963,176,005	317,301,484,500,053	818,956,978,734,188	21,806,060,180,071	28,999,180,395,967
24/03/2021	1,020,409,112,626,640	451,560,747,081,743	820,141,838,055,855	27,717,169,199,604	34,498,226,246,845
25/03/2021	983,280,693,726,752	428,745,235,549,919	820,731,851,734,650	23,809,307,047,466	33,471,170,699,930
26/03/2021	818,989,667,412,974	325,971,502,041,462	820,744,735,351,743	23,009,931,970,895	30,348,215,172,566
27/03/2021	681,359,022,940,208	260,948,858,766,028	820,794,444,560,703	19,320,528,147,976	35,427,776,683,096
28/03/2021	687,413,985,588,770	239,285,552,271,505	821,046,909,240,669	18,656,518,083,445	36,429,384,707,116
29/03/2021	830,862,275,122,670	328,687,505,799,188	821,749,659,815,307	22,144,634,873,573	29,809,068,967,010
30/03/2021	786,643,115,643,490	325,458,279,985,745	823,822,976,409,052	21,776,173,213,352	58,399,180,762,346
31/03/2021	953,452,511,149,315	439,858,864,248,812	825,091,649,949,890	23,135,279,085,539	51,593,665,636,801
01/04/2021	898,384,044,268,909	450,352,753,835,771	826,039,499,420,326	22,079,733,649,547	54,172,951,775,718
02/04/2021	855,341,926,050,826	507,755,041,812,846	826,930,047,482,846	23,959,209,601,293	57,537,407,368,298
03/04/2021	867,006,224,737,004	465,351,449,811,454	827,617,856,002,974	22,115,060,565,929	42,930,157,414,088
04/04/2021	737,747,850,572,336	378,056,518,137,871	827,796,692,707,762	17,522,069,783,968	46,528,204,413,377
05/04/2021	881,770,344,894,506	419,623,994,832,485	828,069,650,053,809	20,316,863,696,802	59,161,809,658,821
06/04/2021	956,292,345,054,279	423,046,279,064,993	828,462,718,296,840	21,992,725,052,135	76,399,243,061,156
07/04/2021	1,094,383,300,553,390	522,504,940,978,848	828,973,048,652,423	26,358,137,413,717	86,461,834,240,268
08/04/2021	772,822,251,684,704	368,727,509,528,135	829,360,400,959,191	21,022,319,544,055	66,283,323,785,108
09/04/2021	681,187,039,608,591	289,271,008,152,923	829,520,294,639,813	16,650,374,211,008	68,639,270,714,934
10/04/2021	851,178,542,108,591	365,183,944,875,940	830,350,317,191,007	24,009,440,899,330	90,040,662,114,971
11/04/2021	676,381,263,485,698	287,808,830,807,503	830,688,914,082,285	19,525,890,111,058	83,267,266,008,078
12/04/2021	754,900,016,385,852	316,473,755,579,203	831,613,325,562,808	23,050,863,181,897	210,269,163,436,589
13/04/2021	1,023,326,063,104,900	430,726,815,736,330	831,799,312,955,798	28,422,578,814,542	137,945,247,964,399
14/04/2021	1,132,701,297,242,700	520,530,799,061,144	832,172,199,742,330	35,100,659,797,692	108,987,585,866,171
15/04/2021	890,945,813,844,165	472,490,464,631,874	837,790,419,835,191	27,606,272,405,626	67,354,196,564,681
16/04/2021	1,226,905,796,952,790	526,855,340,002,021	838,147,529,569,390	37,221,546,982,293	100,231,610,349,254
17/04/2021	964,104,692,853,784	471,563,165,480,155	839,154,718,098,070	31,246,061,185,491	75,733,332,548,508



Hak Cipta Ditangguhkan

18/04/2021	1,420,803,758,234,700	739,000,966,817,193	840,381,113,736,841	55,823,034,044,506	97,837,996,771,314
19/04/2021	951,767,084,759,368	496,103,407,794,725	840,742,358,325,714	33,836,704,329,885	104,015,143,681,158
20/04/2021	984,978,813,319,974	572,461,792,350,076	842,238,499,176,865	33,657,889,400,101	135,458,424,242,074
21/04/2021	798,816,949,346,005	565,722,755,371,584	842,660,794,878,917	33,613,733,418,679	122,982,944,359,878
22/04/2021	1,085,358,052,057,920	777,407,807,919,593	844,504,079,833,343	45,168,125,083,053	121,059,699,101,373
23/04/2021	1,261,345,450,057,010	806,474,999,409,882	844,919,967,655,442	53,509,076,436,288	129,433,728,482,701
24/04/2021	711,438,039,569,609	462,359,325,840,984	845,591,974,742,787	25,953,450,467,747	59,078,845,257,406
25/04/2021	669,382,995,630,857	461,780,598,599,759	845,598,936,266,804	23,835,246,467,299	49,630,765,986,823
26/04/2021	846,586,952,349,248	511,407,736,908,424	848,389,495,404,010	33,198,950,707,115	59,159,179,171,564
27/04/2021	715,164,700,950,918	466,804,115,184,128	848,543,589,189,030	29,276,477,539,815	58,585,162,226,433
28/04/2021	696,797,917,296,640	497,464,676,186,411	848,575,182,844,124	29,178,752,155,974	52,967,400,494,316
29/04/2021	666,445,924,640,899	471,079,730,748,183	849,830,925,393,795	26,611,500,109,259	95,232,388,712,317
30/04/2021	757,095,019,205,419	430,265,360,797,381	851,261,716,476,826	27,542,378,444,666	82,959,753,118,554
01/05/2021	618,673,669,404,979	414,883,964,866,082	851,580,838,228,273	26,978,618,839,310	58,719,759,567,220
02/05/2021	551,384,812,013,266	404,857,954,813,543	851,734,781,853,945	19,742,980,266,445	54,379,430,910,938
03/05/2021	747,013,150,292,242	710,338,651,505,668	854,569,753,370,123	38,775,987,275,836	76,197,198,131,791
04/05/2021	990,915,332,609,723	901,850,909,429,740	855,809,728,418,650	47,331,382,076,155	82,785,107,888,226
05/05/2021	1,002,977,783,349,930	700,132,947,080,695	856,906,692,549,273	40,321,062,530,123	61,539,849,969,742
06/05/2021	1,001,117,924,674,450	637,914,609,825,360	857,682,750,575,065	31,974,039,853,074	57,239,009,280,007
07/05/2021	977,771,639,221,616	565,900,331,044,025	858,396,910,376,016	32,376,857,006,530	52,266,434,155,001
08/05/2021	923,959,590,828,358	709,521,294,616,176	858,477,714,777,992	32,749,161,321,830	55,267,331,528,785
09/05/2021	931,360,394,644,556	714,605,794,064,427	861,746,640,174,071	38,223,497,777,481	61,062,959,658,038
10/05/2021	1,025,317,108,429,830	895,542,724,491,519	861,904,992,195,259	45,330,983,018,311	73,673,184,524,033
11/05/2021	870,493,396,098,241	747,978,526,084,783	863,031,431,283,712	36,438,831,705,223	69,082,653,900,412
12/05/2021	1,067,148,629,137,600	979,296,844,013,360	865,628,972,752,983	45,174,103,939,397	61,172,002,590,100
13/05/2021	1,387,730,921,970,640	1,124,837,982,714,060	865,727,344,589,335	63,991,287,323,934	106,418,899,845,292
14/05/2021	800,195,382,153,906	691,613,924,681,431	865,751,502,308,273	45,172,325,881,219	53,628,338,906,764



Hak Cipta Dititik

15/05/2021	844,577,197,646,757	605,616,823,090,506	867,959,298,268,392	47,512,666,331,534	49,685,773,468,460
16/05/2021	914,341,009,539,107	676,099,182,461,521	868,745,234,874,562	53,858,082,309,479	57,780,209,923,586
17/05/2021	1,063,462,778,884,600	767,554,711,050,887	869,029,010,496,132	58,716,313,113,997	72,741,163,427,126
18/05/2021	805,982,467,848,853	579,756,866,843,777	871,944,499,221,755	44,048,914,759,146	50,897,574,762,011
19/05/2021	1,809,656,464,925,720	1,209,934,707,772,230	872,131,825,461,056	115,338,423,704,890	125,743,280,037,314
20/05/2021	1,270,553,728,757,840	973,055,017,528,482	872,850,627,164,382	77,466,404,587,742	102,094,535,130,005
21/05/2021	1,177,116,597,988,470	771,445,508,380,508	873,639,964,685,662	66,191,855,779,522	90,253,609,589,233
22/05/2021	824,379,448,766,802	604,735,597,341,554	874,596,872,157,878	47,925,038,671,351	55,620,855,637,923
23/05/2021	1,127,422,993,273,860	804,673,411,674,475	876,252,942,050,233	74,309,082,986,365	76,669,405,588,741
24/05/2021	966,927,093,943,602	770,806,449,777,686	878,445,905,425,813	61,527,525,639,969	87,079,633,022,214
25/05/2021	805,384,655,407,275	710,054,453,426,885	880,461,110,683,438	43,599,139,269,091	81,046,893,101,652
26/05/2021	736,325,018,903,228	609,457,269,683,584	881,007,821,458,125	37,345,450,906,056	64,567,802,907,747
27/05/2021	618,507,122,658,020	477,698,874,673,333	881,487,770,967,975	28,214,212,968,369	56,765,834,263,540
28/05/2021	792,005,534,718,740	573,902,357,743,495	882,181,892,149,062	38,848,366,074,733	64,319,016,531,552
29/05/2021	647,092,969,142,954	483,180,350,937,840	882,258,456,113,026	31,868,399,730,057	43,920,903,774,985
30/05/2021	452,741,492,073,765	370,201,268,162,187	882,981,123,717,033	31,337,003,464,141	46,443,080,524,058
31/05/2021	557,249,773,701,390	442,935,778,765,192	883,967,440,595,949	33,339,864,672,740	55,220,823,365,361
01/06/2021	494,737,563,276,677	390,815,233,801,739	886,699,620,416,432	28,554,720,705,931	48,928,635,112,280
02/06/2021	472,442,140,959,067	396,047,666,670,310	888,856,226,729,926	25,374,100,459,965	64,098,025,737,636
03/06/2021	505,475,266,944,282	428,179,627,395,105	890,653,165,512,012	30,892,244,231,221	62,294,850,532,668
04/06/2021	599,322,395,285,361	489,615,463,498,226	891,423,964,063,245	36,822,179,410,275	70,940,425,822,969
05/06/2021	512,269,668,154,838	434,447,975,444,839	891,541,711,027,897	26,733,330,519,978	56,358,225,755,522
06/06/2021	411,893,646,196,573	360,583,287,163,950	892,136,912,306,983	19,703,854,929,837	29,943,393,425,711
07/06/2021	481,511,874,572,029	437,428,590,674,808	893,416,889,776,096	26,622,262,441,243	41,844,909,544,982
08/06/2021	710,942,037,154,895	597,077,542,455,519	894,061,520,851,382	39,751,185,609,442	63,983,896,727,371
09/06/2021	770,830,434,647,363	515,227,820,096,032	896,211,636,612,773	33,457,837,471,987	50,606,252,022,248
10/06/2021	622,128,484,630,355	410,511,210,916,093	896,355,867,027,280	27,128,869,790,500	35,763,694,022,333



Hak Ciptaan Dilindungi

11/06/2021	551,395,787,518,453	353,815,616,261,516	901,006,889,866,138	26,709,800,258,900	32,341,986,052,847
12/06/2021	539,434,226,864,616	365,903,359,344,580	901,342,241,077,185	24,577,830,277,111	30,535,534,308,182
13/06/2021	578,477,460,972,913	385,370,054,920,645	901,831,222,458,004	24,627,100,838,501	30,892,826,221,527
14/06/2021	612,249,278,542,421	382,606,202,959,338	902,772,163,907,554	24,540,633,946,720	32,226,763,240,750
15/06/2021	662,485,159,105,754	413,948,842,373,536	904,100,010,794,399	27,600,103,525,575	32,061,435,771,524
16/06/2021	558,520,727,474,092	343,301,811,044,099	904,102,292,765,507	27,281,545,956,744	23,162,465,282,355
17/06/2021	536,830,268,034,157	316,506,971,943,645	905,864,150,877,360	31,183,028,048,786	19,958,013,142,923
18/06/2021	527,247,822,746,268	331,383,423,424,053	908,212,198,433,583	30,164,214,809,749	23,506,237,741,590
19/06/2021	452,177,879,470,711	271,907,854,507,977	910,121,529,465,288	23,067,616,869,936	16,530,111,573,650
20/06/2021	531,243,521,419,044	326,534,363,857,349	910,138,091,672,247	29,040,868,528,027	25,453,336,114,773
21/06/2021	759,131,212,020,028	485,087,693,085,608	910,669,831,988,646	61,471,547,052,356	41,859,528,969,908
22/06/2021	848,868,515,989,096	511,748,900,046,056	911,897,551,528,666	60,863,175,531,889	58,871,428,863,881
23/06/2021	669,210,432,426,081	410,461,092,101,672	913,359,672,278,395	46,966,914,208,267	45,805,827,827,762
24/06/2021	478,013,262,315,634	292,563,519,165,564	914,191,002,182,016	30,111,598,623,980	33,532,952,447,955
25/06/2021	581,692,609,584,554	329,290,693,593,122	917,919,921,108,568	32,945,588,098,834	33,515,203,561,600
26/06/2021	557,848,211,195,002	298,367,268,688,595	917,944,945,599,409	31,325,644,842,736	27,785,117,372,933
27/06/2021	513,409,548,242,656	287,494,251,094,761	919,609,952,469,491	29,007,233,279,390	21,995,467,816,636
28/06/2021	488,896,509,086,953	368,045,777,611,118	920,088,752,441,562	32,894,942,013,649	24,848,037,716,018
29/06/2021	548,983,698,023,903	359,434,669,659,654	922,339,220,753,643	34,299,128,524,747	28,193,041,928,677
30/06/2021	496,209,502,823,479	376,291,534,566,883	923,779,974,660,798	32,804,016,956,325	27,732,842,000,469
01/07/2021	550,394,118,012,830	422,722,795,786,390	924,205,135,088,539	30,012,516,530,486	19,750,075,612,549
02/07/2021	565,903,908,969,117	464,603,078,225,645	925,240,836,593,088	26,124,551,284,734	16,564,526,849,581
03/07/2021	352,581,069,182,118	252,078,564,300,193	927,378,656,260,369	21,559,432,270,674	16,104,718,513,001
04/07/2021	360,394,276,437,659	271,653,119,848,625	930,136,533,101,213	22,826,819,395,370	20,061,118,449,697
05/07/2021	388,341,331,031,351	292,166,180,172,531	930,421,350,107,468	27,430,759,810,203	21,870,105,444,163
06/07/2021	383,625,612,566,006	302,425,361,427,493	930,484,497,130,099	33,476,647,094,023	31,893,920,532,331
07/07/2021	359,949,053,246,191	325,143,339,482,308	931,042,837,063,065	29,012,778,691,837	30,008,783,574,892



Hak Cipta Ditangguhkan

08/07/2021	434,080,617,758,246	336,522,282,657,065	931,424,799,303,025	32,950,660,920,708	27,338,807,874,013
09/07/2021	399,421,824,920,806	335,271,455,917,683	932,953,915,559,304	28,040,642,989,605	19,778,671,854,889
10/07/2021	332,799,273,916,270	254,708,201,185,577	933,745,094,367,571	24,459,202,121,776	17,090,409,182,337
11/07/2021	291,320,189,584,732	213,040,605,333,834	934,870,409,774,670	19,996,183,164,486	17,237,008,057,230
12/07/2021	353,185,339,590,303	258,020,386,135,841	935,953,723,995,114	27,145,500,723,531	23,444,568,751,968
13/07/2021	277,425,465,469,937	241,164,041,298,636	937,959,240,329,392	29,783,499,071,994	17,871,664,603,744
14/07/2021	310,860,723,328,964	252,201,885,196,657	939,587,530,933,817	31,687,067,025,380	23,947,184,267,110
15/07/2021	308,382,599,747,681	227,127,497,549,439	940,595,891,252,986	29,312,619,316,426	32,460,654,525,420
16/07/2021	344,381,839,005,110	216,290,651,195,586	945,321,383,528,571	28,593,181,822,855	24,531,749,230,433
17/07/2021	273,829,448,755,350	193,677,180,484,835	945,452,955,157,112	23,977,812,565,015	18,818,163,717,710
18/07/2021	272,278,320,967,738	199,873,830,386,053	948,395,299,758,309	23,856,774,894,125	18,185,034,549,076
19/07/2021	296,734,022,807,573	205,584,784,416,263	948,435,086,257,987	27,339,340,029,574	21,995,783,297,135
20/07/2021	337,727,432,044,544	253,403,497,373,985	948,759,865,229,047	34,756,741,679,717	26,545,386,166,705
21/07/2021	410,430,155,475,622	309,293,768,508,568	949,779,775,318,241	38,436,380,974,718	28,488,705,170,019
22/07/2021	283,041,428,766,100	253,228,707,556,733	951,065,495,517,560	28,247,087,578,015	21,640,271,046,656
23/07/2021	327,119,685,240,467	234,988,313,146,066	952,181,219,363,398	26,740,942,561,441	26,830,087,923,942
24/07/2021	313,599,881,603,956	232,433,948,181,392	952,742,270,605,146	27,212,282,267,926	23,807,413,440,170
25/07/2021	301,903,648,054,763	210,852,035,621,172	955,041,267,438,386	23,127,301,681,063	19,563,495,215,878
26/07/2021	739,457,459,680,263	429,196,793,489,573	955,163,873,889,176	62,985,701,930,016	37,276,864,247,873
27/07/2021	509,938,471,210,568	335,153,189,286,856	955,631,290,711,442	48,271,647,364,004	27,172,908,326,403
28/07/2021	561,403,536,652,321	275,481,185,331,928	957,616,386,685,835	45,943,748,586,720	23,595,587,262,266
29/07/2021	392,908,924,501,524	235,934,605,658,905	958,355,922,368,863	35,232,446,082,832	20,024,640,166,784
30/07/2021	477,468,460,321,531	291,810,878,780,298	958,985,913,922,177	39,957,933,043,266	22,939,054,714,282
31/07/2021	373,392,974,966,137	260,502,749,504,688	959,158,402,915,422	30,235,333,957,366	24,860,946,678,734
01/08/2021	386,208,387,972,206	328,462,570,678,981	960,599,877,228,979	35,981,503,507,289	25,879,802,609,089
02/08/2021	370,176,202,739,096	320,532,880,460,641	960,785,304,450,045	35,278,225,724,455	19,502,858,830,680
03/08/2021	376,309,888,327,872	326,119,436,272,195	960,989,485,357,797	40,423,536,751,134	19,619,846,425,113



Hak Cipta Diteliti

04/08/2021	363,290,696,197,583	358,510,340,085,389	962,624,677,870,327	40,594,790,984,253	18,316,795,792,910
05/08/2021	504,530,474,493,013	445,350,500,935,477	965,518,511,432,883	45,572,736,188,616	22,243,019,645,825
06/08/2021	550,241,553,611,033	381,858,982,159,693	965,601,277,046,447	42,282,638,754,348	23,375,837,455,432
07/08/2021	576,150,187,977,040	476,129,977,860,513	965,895,562,584,254	50,216,208,389,015	27,389,267,145,570
08/08/2021	522,491,547,792,295	409,235,400,060,471	967,776,062,465,000	43,357,998,085,091	22,267,355,588,754
09/08/2021	555,937,721,958,318	459,045,410,709,470	969,199,371,331,186	55,947,716,300,208	23,659,276,578,053
10/08/2021	483,138,159,560,769	397,577,304,338,775	969,283,472,801,919	42,214,871,842,561	30,971,690,460,399
11/08/2021	493,968,720,661,336	384,715,010,876,508	969,674,229,598,163	40,092,536,782,684	36,597,043,607,121
12/08/2021	485,218,828,782,954	365,510,973,723,512	978,418,310,843,188	43,088,113,192,584	31,899,394,253,983
13/08/2021	456,584,435,871,464	343,310,979,424,224	978,432,707,221,844	37,812,058,823,277	24,799,964,395,565
14/08/2021	448,312,092,334,026	285,276,458,442,108	978,495,390,430,735	32,382,024,241,713	29,063,099,647,080
15/08/2021	445,117,651,851,128	318,389,827,786,276	981,982,369,186,328	35,732,907,881,041	26,230,134,994,582
16/08/2021	471,584,814,678,434	332,069,357,666,332	982,331,603,103,101	40,539,829,429,043	37,704,071,823,387
17/08/2021	480,626,146,475,511	366,511,815,682,464	983,511,156,364,382	50,525,103,934,834	36,963,024,354,464
18/08/2021	464,405,054,509,667	310,706,889,438,586	984,273,445,161,032	44,485,701,550,058	33,006,431,659,119
19/08/2021	535,833,247,698,502	281,514,469,608,553	984,461,610,818,775	40,338,896,128,756	36,714,946,352,116
20/08/2021	503,124,633,303,469	302,766,299,255,549	985,310,725,403,391	39,523,862,144,016	35,539,065,371,953
21/08/2021	584,577,121,789,249	260,908,299,576,517	985,402,329,884,428	31,750,439,966,706	30,545,360,924,534
22/08/2021	365,435,918,068,330	230,218,347,971,875	985,631,674,244,794	28,853,715,490,863	26,313,625,495,486
23/08/2021	495,810,226,935,116	296,446,653,009,138	986,637,248,437,111	35,495,186,786,277	55,752,218,916,933
24/08/2021	509,016,953,154,697	289,782,134,909,417	988,098,088,497,667	42,663,078,380,153	42,874,023,659,771
25/08/2021	470,326,169,578,035	272,325,934,876,900	989,709,273,978,716	38,299,986,244,296	47,389,374,100,070
26/08/2021	470,824,612,248,094	250,868,764,845,460	989,765,555,921,692	40,309,981,373,814	47,244,731,644,532
27/08/2021	498,662,630,366,743	267,162,730,711,121	990,798,910,070,939	39,029,459,517,708	37,038,301,870,121
28/08/2021	409,185,230,194,772	196,365,139,888,325	991,019,507,029,503	25,110,950,724,743	24,016,222,848,433
29/08/2021	370,821,343,815,252	190,449,006,228,228	991,904,708,110,655	27,927,481,495,950	25,259,425,950,572
30/08/2021	459,179,299,862,835	278,372,785,962,842	993,340,368,899,978	37,811,947,685,360	28,938,032,901,173



Hak Ciptaan Dilindungi

31/08/2021	499,031,909,522,406	391,986,727,323,682	993,601,295,498,902	48,040,922,768,718	34,169,596,282,966
01/09/2021	557,814,716,358,351	428,570,325,782,473	994,246,147,944,006	46,235,629,614,372	32,830,730,377,864
02/09/2021	564,071,478,512,396	348,187,981,791,256	996,413,796,089,908	44,883,580,230,926	33,185,784,262,177
03/09/2021	617,081,986,665,982	374,306,173,164,940	996,948,179,654,277	48,587,749,411,322	29,300,375,865,452
04/09/2021	534,024,501,610,360	296,531,478,214,599	997,211,795,310,529	37,454,429,400,559	32,924,639,071,562
05/09/2021	432,145,137,681,304	261,821,902,982,761	999,172,164,680,713	33,131,362,378,913	27,072,803,239,671
06/09/2021	554,590,132,484,474	266,350,462,539,753	999,325,064,845,984	36,969,848,810,063	31,469,058,895,233
07/09/2021	928,160,863,461,138	556,972,105,789,756	1,001,170,089,061,290	84,648,381,651,738	63,647,317,848,418
08/09/2021	697,875,438,634,436	451,958,428,038,038	1,001,759,152,526,680	67,865,035,438,529	41,879,123,527,313
09/09/2021	552,204,935,872,329	344,380,513,311,032	1,001,873,291,007,130	49,265,382,375,495	34,157,246,335,449
10/09/2021	558,408,193,143,504	318,831,960,191,806	1,002,375,304,148,180	52,644,229,026,824	32,897,742,414,377
11/09/2021	491,907,275,874,074	265,590,175,571,246	1,002,694,007,317,360	37,818,452,307,735	22,346,323,333,335
12/09/2021	397,548,243,619,702	239,687,048,675,824	1,007,619,597,976,320	34,141,141,177,420	23,838,499,782,227
13/09/2021	581,907,169,822,036	322,720,353,518,342	1,009,492,894,802,640	51,543,502,332,488	31,172,822,557,540
14/09/2021	550,742,930,751,540	272,512,384,044,373	1,010,684,307,648,810	35,896,698,987,926	22,776,051,879,767
15/09/2021	434,417,792,670,676	250,074,760,052,277	1,015,125,639,850,950	35,207,928,839,654	26,204,132,368,292
16/09/2021	451,975,727,862,624	285,917,153,813,174	1,015,275,833,428,940	42,965,579,230,251	24,488,051,147,264
17/09/2021	409,306,719,422,896	252,504,686,824,710	1,020,999,658,171,080	39,801,133,517,126	21,608,820,129,770
18/09/2021	407,584,218,620,172	228,145,424,529,373	1,021,928,876,391,090	31,524,570,232,420	18,689,980,399,222
19/09/2021	384,650,066,861,407	203,361,277,942,884	1,025,400,298,562,510	29,022,324,617,585	17,733,835,789,106
20/09/2021	624,744,681,998,671	389,441,459,643,269	1,025,433,044,760,000	74,018,807,745,678	33,351,638,756,911
21/09/2021	695,113,093,885,743	433,972,979,668,063	1,025,877,349,190,210	73,734,392,887,624	29,190,740,864,335
22/09/2021	543,197,180,965,560	338,142,148,486,356	1,026,239,963,253,910	55,619,970,588,010	23,911,593,048,702
23/09/2021	487,921,415,457,716	263,826,595,550,384	1,033,346,055,995,950	42,591,321,419,266	22,460,851,061,204
24/09/2021	611,109,692,519,705	365,122,545,403,450	1,033,565,804,911,790	58,951,288,243,800	29,688,027,228,906
25/09/2021	451,433,879,839,626	270,431,192,810,000	1,034,237,052,343,310	42,934,070,172,309	19,832,480,795,192
26/09/2021	437,957,230,870,705	302,426,500,801,954	1,037,497,085,883,730	53,121,300,535,746	27,975,106,337,634



Hak Cipta Ditangguhkan

27/09/2021	441,716,659,805,160	273,243,183,989,255	1,038,013,119,850,640	44,963,336,829,025	21,487,783,107,327
28/09/2021	430,337,801,531,519	240,629,008,408,317	1,039,751,824,187,330	46,064,399,717,678	18,434,572,851,541
29/09/2021	438,184,480,634,490	225,711,411,503,218	1,040,639,998,451,890	44,333,407,591,523	34,159,909,286,696
30/09/2021	446,542,134,227,156	253,242,895,519,583	1,041,996,182,789,860	43,563,012,741,575	25,756,312,738,443
01/10/2021	613,991,845,474,585	319,638,159,150,781	1,042,662,726,700,800	49,997,928,439,152	30,985,610,734,939
02/10/2021	438,009,798,451,151	274,739,111,771,694	1,044,034,264,164,670	36,021,515,474,245	24,908,179,847,354
03/10/2021	381,120,523,693,376	222,000,764,437,628	1,045,738,077,966,220	32,373,177,830,274	21,044,652,488,080
04/10/2021	477,632,729,454,542	253,918,992,445,791	1,050,274,542,049,640	41,303,644,276,690	23,567,059,875,305
05/10/2021	511,839,897,173,793	237,309,659,800,949	1,050,310,776,635,180	38,855,769,226,271	21,784,397,129,542
06/10/2021	698,757,163,573,849	311,442,442,731,445	1,051,726,455,486,160	47,864,373,436,436	28,590,911,726,758
07/10/2021	525,557,354,114,650	272,579,266,871,857	1,055,077,438,131,090	44,669,350,143,737	28,028,352,209,661
08/10/2021	493,782,639,933,930	230,171,132,003,601	1,055,538,840,403,100	38,548,646,464,610	37,998,292,684,824
09/10/2021	463,222,327,437,363	181,162,319,616,212	1,058,793,457,872,660	28,592,291,257,049	20,028,987,604,251
10/10/2021	563,541,806,542,505	230,558,166,840,312	1,060,122,643,184,870	36,405,782,372,063	20,488,070,867,682
11/10/2021	606,446,607,342,968	264,258,715,164,418	1,060,763,797,422,360	42,265,611,756,934	20,952,752,739,215
12/10/2021	583,461,273,634,711	257,187,705,635,917	1,061,141,361,943,560	47,940,568,611,754	44,626,217,890,865
13/10/2021	592,893,885,229,438	230,580,267,763,182	1,061,368,558,880,380	43,628,452,176,359	73,238,633,511,069
14/10/2021	519,583,571,881,852	275,906,180,255,683	1,061,585,537,841,010	44,857,046,631,709	35,288,339,520,306
15/10/2021	729,283,617,138,555	295,302,237,582,811	1,061,878,199,789,260	60,416,207,474,801	39,499,825,988,739
16/10/2021	481,720,973,948,074	233,161,797,067,541	1,068,696,877,159,920	40,601,516,966,205	26,779,933,690,518
17/10/2021	408,324,281,219,328	223,738,541,263,690	1,069,180,151,728,650	37,235,887,390,300	23,156,237,915,763
18/10/2021	535,586,528,747,390	244,690,032,813,826	1,070,114,799,524,540	47,138,515,923,125	28,144,864,337,108
19/10/2021	571,823,603,855,796	226,048,839,345,777	1,070,619,630,719,260	46,866,808,000,055	26,060,988,853,789
20/10/2021	575,158,944,349,583	286,787,599,421,975	1,076,438,171,642,990	51,349,006,073,238	26,656,466,734,282
21/10/2021	648,215,787,488,269	398,471,511,773,627	1,077,298,513,495,220	69,665,054,649,282	43,514,461,302,354
22/10/2021	543,728,890,740,390	274,918,745,093,167	1,082,976,028,650,650	54,976,900,596,315	27,767,101,105,308
23/10/2021	382,560,136,130,911	210,353,108,029,838	1,083,177,927,794,900	41,756,230,338,911	16,662,339,988,549



Hak Ciptaan Ditertarangkan oleh Kementerian Kesehatan Republik Indonesia

24/10/2021	388,731,149,608,269	213,150,112,650,308	1,084,156,674,016,140	40,949,985,014,633	17,734,307,535,070
25/10/2021	438,734,403,785,354	225,910,050,964,731	1,085,738,269,957,360	40,701,320,623,604	18,893,778,728,425
26/10/2021	493,915,799,820,973	242,967,822,254,240	1,087,268,299,027,560	51,356,109,628,565	21,045,767,845,674
27/10/2021	617,559,912,591,049	370,893,611,231,992	1,087,340,950,274,970	82,461,352,344,964	33,102,227,166,440
28/10/2021	643,526,306,645,399	369,108,085,238,297	1,087,355,325,107,520	85,146,118,821,237	37,353,608,682,695
29/10/2021	523,334,549,925,332	326,119,844,322,391	1,088,455,084,167,050	67,177,803,712,601	37,875,408,682,916
30/10/2021	457,560,837,513,221	207,957,239,150,404	1,089,150,715,607,200	55,528,890,134,395	31,230,157,814,707
31/10/2021	458,745,525,249,153	248,973,447,863,662	1,089,155,171,731,150	55,535,069,788,165	29,542,594,867,727
01/11/2021	513,723,378,250,014	255,582,756,167,395	1,092,942,096,676,450	61,931,444,866,789	36,032,250,079,997
02/11/2021	538,895,934,104,734	296,875,059,205,410	1,099,315,982,558,100	64,552,993,114,377	34,279,780,123,372
03/11/2021	517,759,520,601,221	304,143,349,190,273	1,100,494,787,092,070	67,372,210,146,175	36,800,990,871,356
04/11/2021	468,918,030,887,665	264,755,969,658,842	1,102,199,418,616,270	66,510,351,222,476	32,498,919,111,405
05/11/2021	441,096,039,011,919	217,427,026,685,127	1,103,058,442,229,420	56,231,431,022,448	52,979,348,435,690
06/11/2021	416,635,093,792,604	206,622,213,967,341	1,104,281,714,456,100	54,488,087,149,172	39,808,138,282,584
07/11/2021	354,083,412,568,918	193,910,473,577,855	1,105,117,010,691,250	51,273,936,568,334	43,205,391,298,856
08/11/2021	589,758,953,804,103	276,639,769,285,305	1,105,309,636,426,890	76,499,529,275,492	40,556,353,018,868
09/11/2021	603,760,224,531,701	296,965,088,095,987	1,107,912,284,071,210	78,539,370,863,646	31,343,850,206,014
10/11/2021	694,850,445,317,475	324,364,883,805,764	1,109,174,250,274,490	119,644,309,956,107	52,102,179,688,603
11/11/2021	513,268,870,343,845	256,532,648,812,331	1,109,297,380,591,960	82,544,501,597,557	33,497,104,947,230
12/11/2021	514,633,735,408,818	261,219,071,672,483	1,109,831,134,422,970	69,899,765,113,128	31,506,536,088,502
13/11/2021	356,512,634,687,826	205,168,369,458,797	1,110,993,212,870,790	39,825,634,410,951	29,889,091,132,615
14/11/2021	434,056,628,078,049	172,748,941,438,408	1,111,096,795,826,260	47,097,589,529,159	29,821,415,922,493
15/11/2021	664,507,980,279,739	231,182,165,553,886	1,113,996,088,485,140	58,492,246,585,485	30,494,250,580,602
16/11/2021	557,790,615,810,873	388,929,615,089,405	1,115,715,475,144,710	92,008,632,888,246	53,521,096,558,753
17/11/2021	588,968,476,161,574	315,830,383,045,438	1,116,944,750,455,560	73,832,585,334,123	38,509,458,151,879
18/11/2021	551,209,367,123,410	304,290,075,168,610	1,116,952,114,702,300	89,002,140,596,862	41,511,447,405,669
19/11/2021	436,988,353,803,589	293,764,489,814,167	1,117,991,334,565,710	69,308,046,016,075	35,336,724,613,732



Hak Cipta Ditugaskan

20/11/2021	372,764,617,068,517	220,436,647,040,043	1,119,462,699,669,210	51,323,412,844,572	33,336,023,495,932
21/11/2021	499,760,292,812,880	201,124,082,616,639	1,127,378,940,235,170	47,298,748,991,274	29,331,214,643,219
22/11/2021	534,616,912,311,680	281,748,498,043,387	1,129,447,205,501,970	76,367,235,288,650	32,122,446,673,330
23/11/2021	523,137,575,970,269	315,664,615,010,836	1,132,218,379,261,570	68,533,120,322,848	41,750,627,288,754
24/11/2021	490,379,712,189,429	311,836,251,173,878	1,132,349,141,828,210	68,135,957,591,713	41,659,280,155,483
25/11/2021	597,310,439,614,439	267,551,157,425,619	1,133,195,919,197,850	64,574,568,704,682	36,291,113,813,651
26/11/2021	440,525,595,659,535	375,463,044,424,851	1,133,498,344,203,510	94,177,761,172,143	60,780,068,641,024
27/11/2021	405,296,481,738,844	238,068,772,474,018	1,134,117,351,558,110	55,125,008,279,768	35,828,162,315,618
28/11/2021	465,483,491,572,943	229,959,530,234,031	1,134,560,952,016,250	63,248,725,373,594	39,376,301,398,072
29/11/2021	526,239,729,031,694	274,458,102,315,095	1,137,265,220,690,220	62,395,182,763,441	34,882,360,865,330
30/11/2021	527,725,495,116,482	410,375,962,016,260	1,138,021,113,209,240	81,687,413,801,695	39,874,925,751,573
01/12/2021	465,636,901,679,932	395,667,842,084,003	1,139,656,012,057,530	71,437,513,782,501	40,183,606,588,707
02/12/2021	572,647,209,101,277	309,217,010,427,818	1,139,946,416,383,560	73,187,918,147,807	34,207,493,174,090
03/12/2021	891,688,350,873,051	372,460,375,261,328	1,141,316,335,507,690	84,615,176,282,678	35,740,473,681,834
04/12/2021	540,341,070,047,692	558,945,942,097,172	1,143,037,111,689,060	137,970,900,268,437	64,763,007,071,233
05/12/2021	545,800,790,151,725	370,893,268,861,327	1,143,687,161,162,840	84,479,432,248,902	34,778,665,838,636
06/12/2021	486,065,887,963,347	408,612,927,483,880	1,145,501,609,555,230	102,565,140,313,033	51,638,433,042,953
07/12/2021	410,036,625,408,882	322,817,148,894,681	1,146,859,539,151,370	66,706,995,512,474	30,496,803,058,435
08/12/2021	424,722,522,837,719	269,295,477,174,534	1,147,699,238,772,500	60,023,756,598,103	32,329,621,651,509
09/12/2021	444,447,330,018,106	319,882,604,017,997	1,148,517,517,851,760	75,961,000,866,823	30,601,509,742,873
10/12/2021	370,012,603,233,941	402,086,487,443,092	1,148,569,007,950,230	81,339,537,660,493	29,996,479,225,501
11/12/2021	314,937,554,752,617	274,632,717,721,804	1,149,471,517,051,390	59,314,326,941,874	26,197,181,554,000
12/12/2021	462,535,814,258,147	201,796,904,175,665	1,150,889,175,384,430	46,703,158,011,559	18,771,107,464,060
13/12/2021	496,189,558,687,060	345,101,505,337,639	1,153,083,621,678,260	71,426,978,106,679	27,334,631,889,668
14/12/2021	524,242,592,431,180	341,455,627,219,140	1,155,538,480,276,120	70,619,566,860,778	31,978,730,744,992
15/12/2021	390,827,590,472,086	378,904,687,147,160	1,155,980,760,983,320	84,434,621,015,301	29,837,535,266,892
16/12/2021	473,299,123,318,206	284,154,383,071,009	1,158,421,295,820,770	61,082,892,382,947	21,510,957,507,842



Hak Cipta Diteliti

17/12/2021	375,443,514,073,108	332,915,209,986,598	1,166,058,545,663,300	71,773,792,843,310	25,961,624,906,214
18/12/2021	361,859,930,335,153	280,966,585,537,597	1,166,518,759,712,790	55,228,800,730,032	18,623,429,793,985
19/12/2021	445,505,915,773,364	232,585,721,659,217	1,170,623,873,163,090	49,108,870,761,871	17,256,896,242,202
20/12/2021	389,299,198,740,701	310,650,646,564,742	1,175,899,481,549,390	62,086,136,829,972	21,113,904,623,044
21/12/2021	349,343,291,891,990	235,810,823,582,475	1,176,195,543,067,120	53,849,881,390,527	21,031,994,309,237
22/12/2021	401,414,106,365,948	198,931,454,763,112	1,182,066,298,914,690	48,358,591,240,784	22,824,561,616,752
23/12/2021	345,640,558,999,619	256,108,450,783,732	1,183,362,715,684,010	58,174,853,215,131	26,555,184,886,943
24/12/2021	269,868,902,966,631	181,119,973,654,543	1,183,565,707,728,070	48,600,367,235,055	23,790,663,239,140
25/12/2021	297,290,531,388,136	154,496,229,848,302	1,183,781,232,520,260	35,535,079,276,576	18,511,381,155,776
26/12/2021	345,146,655,456,917	158,785,320,300,651	1,184,677,464,762,650	37,932,199,963,096	22,359,176,016,188
27/12/2021	475,510,220,339,869	162,104,242,586,760	1,188,742,860,215,910	39,637,823,915,376	30,937,842,251,875
28/12/2021	427,538,889,321,752	246,065,910,441,632	1,191,205,648,220,930	59,338,104,369,731	39,707,218,380,797
29/12/2021	380,229,124,048,536	223,699,735,977,082	1,191,918,629,203,930	49,890,400,985,253	30,722,778,671,529
30/12/2021	527,479,089,556,910	184,160,785,737,511	1,195,601,159,878,660	44,702,759,463,419	27,792,203,323,737
31/12/2021	350,106,343,493,672	201,969,955,212,907	1,198,956,826,236,950	46,845,567,220,738	28,824,611,960,467
01/01/2022	398,086,253,510,711	139,232,518,871,370	1,200,538,912,673,290	37,819,048,008,789	23,108,314,581,345
02/01/2022	471,067,024,142,299	140,731,917,789,754	1,200,797,413,383,650	35,484,714,701,292	20,825,737,427,054
03/01/2022	606,979,106,070,180	172,076,682,437,952	1,201,194,274,615,290	42,445,836,413,860	27,763,427,753,680
04/01/2022	528,682,246,377,344	200,412,835,924,741	1,201,305,189,564,200	49,283,140,930,659	31,436,587,685,973
05/01/2022	435,142,404,424,494	259,116,089,749,963	1,202,077,102,591,740	69,356,560,187,727	41,185,183,074,929
06/01/2022	1,209,981,027,038,140	349,948,419,819,963	1,202,622,462,476,850	65,819,687,488,323	63,384,633,338,078
07/01/2022	401,875,132,770,592	352,003,400,004,621	1,202,742,431,376,520	67,689,577,508,051	66,295,437,614,647
08/01/2022	304,908,966,239,119	229,640,285,112,361	1,204,009,217,580,170	61,267,590,884,819	58,250,665,609,993
09/01/2022	460,528,405,624,155	176,617,254,569,820	1,205,810,054,982,920	41,837,630,579,717	47,937,208,914,051
10/01/2022	376,937,361,541,643	280,236,107,529,305	1,207,544,539,314,810	66,845,935,743,727	59,617,847,181,990
11/01/2022	479,394,145,191,835	217,784,838,745,469	1,214,620,220,581,370	52,193,613,241,109	65,867,786,137,406
12/01/2022	683,226,139,241,380	238,450,679,093,724	1,214,871,247,976,940	49,890,108,290,280	59,120,646,030,351



Hak Cipta Dititik

13/01/2022	337,372,743,572,805	219,109,466,079,971	1,216,259,315,912,430	51,596,270,464,464	59,467,592,668,706
14/01/2022	262,977,583,773,423	194,074,470,972,773	1,217,969,751,212,010	57,322,413,052,850	44,533,469,231,671
15/01/2022	256,260,474,699,339	137,705,957,798,577	1,227,864,354,848,870	40,622,081,352,882	25,279,723,319,268
16/01/2022	310,544,539,924,604	136,073,180,044,502	1,227,921,198,012,190	32,880,521,178,674	25,364,351,235,751
17/01/2022	321,266,629,739,048	176,731,126,772,146	1,230,406,080,316,060	43,310,526,098,282	30,560,775,764,896
18/01/2022	331,564,542,197,697	186,652,408,320,022	1,236,357,186,232,710	46,196,809,050,165	30,193,927,183,545
19/01/2022	293,246,064,917,113	189,354,267,066,574	1,236,451,890,602,060	46,520,150,492,288	25,559,396,072,354
20/01/2022	617,265,097,659,964	153,167,979,559,643	1,236,686,421,649,840	44,969,217,717,167	27,073,521,562,979
21/01/2022	569,097,214,273,414	384,553,584,695,540	1,238,587,729,545,230	113,950,090,667,817	52,341,277,036,241
22/01/2022	372,831,090,894,113	392,200,844,460,393	1,239,621,634,227,490	99,522,971,533,581	60,570,884,671,540
23/01/2022	599,890,851,948,119	236,175,624,333,824	1,240,004,810,896,660	65,518,978,428,947	39,934,646,880,643
24/01/2022	379,263,020,395,922	404,461,395,401,946	1,241,338,115,445,270	107,043,448,524,589	46,018,305,459,711
25/01/2022	449,441,157,424,129	232,191,124,806,342	1,242,367,586,110,310	59,502,712,606,052	33,374,865,596,905
26/01/2022	360,207,149,258,158	304,603,909,532,261	1,248,426,416,342,820	74,542,519,988,302	31,952,315,030,841
27/01/2022	320,127,965,397,297	231,971,160,627,417	1,252,884,037,106,700	72,262,184,913,573	28,090,592,593,334
28/01/2022	247,310,812,831,630	211,120,342,735,069	1,254,612,331,995,070	69,226,235,008,362	22,929,082,609,283
29/01/2022	210,624,014,681,418	160,692,246,074,110	1,254,831,541,593,040	42,302,584,521,718	19,138,709,324,745
30/01/2022	298,261,191,478,818	136,659,864,671,753	1,256,828,956,565,450	33,569,517,416,153	18,544,952,544,226
31/01/2022	291,271,854,943,414	198,194,651,205,174	1,257,013,644,009,420	42,830,805,741,881	19,948,275,387,198
01/02/2022	274,666,261,046,708	189,431,809,966,262	1,258,537,331,446,400	44,409,192,522,395	19,993,545,383,927
02/02/2022	266,887,988,663,870	198,972,283,164,677	1,258,601,104,438,330	39,230,318,529,924	18,509,494,477,511
03/02/2022	423,256,419,412,635	183,109,739,649,940	1,259,931,462,703,500	37,885,653,729,729	17,265,811,644,775
04/02/2022	283,014,742,471,236	273,235,643,080,339	1,262,939,297,741,410	78,382,116,403,965	24,623,365,128,159
05/02/2022	232,457,501,066,022	188,679,324,443,417	1,265,243,480,010,790	83,058,755,609,154	29,363,185,164,792
06/02/2022	412,295,192,443,137	136,317,285,730,016	1,268,880,948,138,620	31,467,473,957,591	20,558,351,770,900
07/02/2022	476,174,638,741,671	218,759,439,125,476	1,273,334,592,659,490	50,877,688,113,922	25,272,668,344,063
08/02/2022	334,432,769,098,383	246,672,171,015,975	1,276,176,555,177,240	53,793,030,169,846	32,345,407,554,251



Hak Cipta Dititik

09/02/2022	460,997,331,177,145	200,713,987,418,980	1,281,857,930,241,350	41,757,242,732,738	23,043,906,781,046
10/02/2022	386,985,030,423,515	267,193,389,781,241	1,286,858,714,340,790	60,173,957,247,462	29,228,417,292,478
11/02/2022	260,391,500,809,874	230,337,929,782,762	1,289,943,112,687,250	57,631,101,968,819	24,616,854,925,884
12/02/2022	211,464,409,013,196	161,440,919,736,535	1,296,008,779,195,270	40,411,401,329,603	19,688,404,851,293
13/02/2022	298,813,341,564,930	129,891,188,569,063	1,296,729,877,190,950	30,460,369,833,410	16,518,119,866,392
14/02/2022	325,078,776,018,346	174,523,158,847,318	1,302,615,709,799,420	42,517,007,571,721	18,207,368,948,173
15/02/2022	282,407,986,988,452	199,171,436,380,872	1,302,781,872,489,050	47,266,882,745,078	36,323,807,081,861
16/02/2022	374,772,967,800,330	176,249,081,659,558	1,307,253,720,913,780	46,104,405,979,687	23,839,473,760,747
17/02/2022	334,671,104,616,297	226,465,992,842,934	1,307,621,879,357,650	56,606,672,585,704	23,474,668,376,586
18/02/2022	197,351,753,158,858	226,102,825,250,148	1,315,893,897,494,010	50,343,441,312,015	22,318,749,059,086
19/02/2022	263,497,227,823,892	140,424,712,164,165	1,317,234,635,964,680	30,096,251,927,527	17,131,026,674,946
20/02/2022	420,340,126,870,368	167,251,373,208,487	1,322,461,713,631,270	41,223,220,151,773	20,569,744,689,576
21/02/2022	365,949,076,097,941	267,681,669,001,880	1,323,333,573,552,100	72,281,809,500,960	31,073,036,729,645
22/02/2022	314,194,051,679,364	234,847,406,250,997	1,324,463,603,913,030	61,883,957,741,869	29,243,743,215,240
23/02/2022	665,688,731,713,182	192,445,000,037,628	1,325,631,190,741,380	58,794,785,079,515	23,651,225,724,971
24/02/2022	382,826,030,966,509	420,683,413,869,843	1,326,178,793,899,890	129,811,018,887,560	42,667,062,429,664
25/02/2022	250,384,287,790,691	248,177,320,418,970	1,327,744,713,703,950	80,233,234,575,849	26,521,551,633,652
26/02/2022	336,139,991,742,357	168,064,040,636,348	1,330,817,043,631,020	46,758,968,982,189	18,909,865,172,536
27/02/2022	511,929,785,818,891	231,510,425,602,693	1,331,495,395,393,170	62,384,092,855,212	22,947,069,437,032
28/02/2022	466,656,013,313,972	276,349,095,278,774	1,333,270,080,796,250	78,922,165,599,443	26,799,196,415,656
01/03/2022	421,107,755,560,260	269,504,993,892,769	1,335,340,304,473,370	80,708,303,186,526	41,455,992,377,485
02/03/2022	359,323,843,176,759	240,062,348,218,832	1,339,869,378,755,220	77,224,295,202,048	29,521,595,927,467
03/03/2022	409,476,547,928,598	188,402,000,882,942	1,343,618,704,119,010	56,472,236,175,593	22,997,883,345,384
04/03/2022	244,168,015,878,835	208,167,346,227,162	1,346,587,595,926,760	69,073,203,253,952	24,993,446,122,715
05/03/2022	283,999,590,744,311	116,106,489,122,801	1,347,288,989,970,600	38,048,927,686,133	19,003,986,766,588
06/03/2022	410,622,942,659,093	127,621,797,139,621	1,351,279,353,456,450	45,491,384,936,766	18,774,322,970,949
07/03/2022	371,373,548,752,701	209,929,294,504,367	1,351,397,943,962,050	60,810,955,240,553	29,607,996,455,268



Hak Cipta Ditugaskan

08/03/2022	463,719,429,308,389	200,593,119,421,964	1,355,135,645,982,930	60,036,633,954,446	24,269,843,668,566
09/03/2022	443,109,492,732,491	203,586,277,684,996	1,355,694,711,826,580	60,422,924,091,055	34,840,003,355,004
10/03/2022	376,490,635,867,865	189,523,475,478,420	1,355,969,222,028,940	56,075,243,377,731	30,024,508,071,097
11/03/2022	209,409,888,572,422	176,820,951,636,707	1,356,149,805,191,530	55,491,194,300,403	22,146,001,167,316
12/03/2022	247,867,778,060,453	93,598,241,912,253	1,357,734,691,458,250	34,991,013,088,956	17,355,983,751,266
13/03/2022	348,292,608,084,406	123,670,669,439,345	1,361,088,145,225,700	40,149,984,198,838	17,794,305,213,092
14/03/2022	343,499,009,888,466	161,019,463,223,183	1,368,199,430,709,370	51,251,332,097,278	20,842,224,197,027
15/03/2022	566,982,883,147,266	184,581,636,353,061	1,369,977,327,452,740	49,370,497,211,768	19,527,811,173,011
16/03/2022	314,031,780,085,336	256,394,529,539,527	1,370,694,403,033,790	77,226,559,504,539	25,601,286,089,177
17/03/2022	493,278,236,364,534	180,992,667,384,267	1,374,497,202,315,780	53,402,889,054,766	23,337,469,848,322
18/03/2022	282,040,207,126,275	226,864,412,827,066	1,375,915,862,266,880	62,147,326,668,376	23,882,405,514,141
19/03/2022	288,682,056,113,347	166,033,685,839,440	1,378,048,290,285,020	42,433,280,476,811	21,980,382,169,086
20/03/2022	353,177,076,469,750	181,928,798,976,347	1,381,988,656,911,860	42,218,115,497,690	19,135,469,725,500
21/03/2022	459,271,441,337,991	218,173,191,184,967	1,383,058,664,224,350	48,371,001,103,266	23,779,082,017,452
22/03/2022	362,246,234,809,339	241,520,698,926,862	1,383,560,379,503,620	57,775,465,104,928	25,760,228,088,388
23/03/2022	446,430,824,262,437	229,732,158,882,528	1,386,991,103,339,620	54,209,624,203,207	23,615,745,738,226
24/03/2022	439,112,777,469,934	259,872,809,545,174	1,388,528,220,489,190	68,948,235,840,809	26,338,191,534,179
25/03/2022	243,364,476,908,026	244,593,799,088,096	1,403,714,925,360,070	57,387,623,898,052	24,103,419,913,334
26/03/2022	404,317,158,104,537	127,442,323,139,583	1,404,386,048,388,070	33,761,553,835,886	15,538,160,146,816
27/03/2022	521,470,549,726,595	192,846,684,884,997	1,405,198,829,591,350	45,846,768,775,142	21,528,994,426,877
28/03/2022	450,984,216,747,310	295,718,217,919,385	1,406,586,181,847,460	67,920,595,603,448	30,527,713,946,775
29/03/2022	420,867,900,108,922	280,574,707,368,485	1,417,071,168,362,470	66,147,019,712,493	28,551,067,978,768
30/03/2022	477,585,844,082,900	219,552,706,697,368	1,419,174,003,212,960	61,621,317,909,825	31,302,473,777,470
31/03/2022	547,910,624,675,705	253,435,176,922,741	1,420,614,396,238,370	71,157,035,800,056	37,724,517,532,984
01/04/2022	421,609,396,626,540	301,258,017,903,640	1,421,624,940,229,230	70,504,048,978,738	39,025,967,025,858
02/04/2022	365,241,744,530,586	338,757,441,558,295	1,424,611,214,454,310	59,999,646,789,424	32,664,893,546,340
03/04/2022	466,953,972,294,254	220,369,064,310,512	1,424,933,208,367,400	48,621,438,746,175	30,592,994,647,304



Hak Ciptaan Dilindungi Undang-Undang

04/04/2022	424,717,251,433,635	261,639,195,084,515	1,425,444,299,891,200	60,602,176,408,528	32,311,365,004,107
05/04/2022	566,030,904,968,139	239,027,591,188,924	1,428,721,769,867,910	57,219,999,180,396	32,507,259,545,106
06/04/2022	375,532,428,131,879	368,305,978,778,550	1,432,239,876,974,990	84,051,078,889,140	33,381,905,694,417
07/04/2022	391,638,173,702,895	240,919,603,078,820	1,438,148,801,218,380	54,803,897,301,193	30,573,257,233,234
08/04/2022	230,660,033,783,702	252,645,959,111,500	1,441,089,496,469,930	57,068,107,146,035	28,088,182,909,452
09/04/2022	253,706,289,539,730	142,386,011,958,640	1,445,845,780,878,180	32,611,560,719,442	20,106,095,484,652
10/04/2022	487,599,854,241,650	149,843,554,923,995	1,456,548,626,794,600	33,278,348,445,087	20,266,681,994,881
11/04/2022	445,440,541,996,295	314,417,333,166,848	1,457,518,404,154,540	73,282,200,536,585	31,493,469,893,833
12/04/2022	397,761,958,260,282	290,847,626,871,830	1,458,567,307,169,950	66,194,878,963,913	30,765,762,822,416
13/04/2022	349,557,233,839,824	231,098,857,327,777	1,460,237,246,471,330	53,518,064,730,235	27,752,494,658,294
14/04/2022	312,949,525,310,253	227,199,545,565,810	1,461,190,410,105,550	56,828,085,947,320	23,198,764,624,828
15/04/2022	241,837,954,475,473	161,915,112,859,874	1,462,458,363,088,140	46,325,220,254,094	17,878,100,235,224
16/04/2022	274,227,577,171,324	125,949,285,473,705	1,464,219,484,970,790	30,921,279,292,414	14,689,751,806,811
17/04/2022	483,469,136,120,112	150,320,794,898,790	1,465,552,748,388,500	38,482,435,350,740	15,635,449,974,500
18/04/2022	363,198,431,294,259	267,220,953,260,960	1,473,432,215,408,890	57,564,209,725,367	27,621,898,056,851
19/04/2022	399,626,191,093,208	203,193,604,362,491	1,476,074,156,379,180	52,102,237,245,448	26,618,536,326,688
20/04/2022	507,670,230,357,871	223,337,081,565,946	1,487,236,939,927,530	59,903,159,553,917	29,235,068,851,689
21/04/2022	402,976,557,092,871	298,286,099,370,213	1,487,829,207,932,180	64,222,722,629,739	31,434,925,014,562
22/04/2022	233,517,167,464,335	241,437,295,730,579	1,489,279,210,859,160	55,856,217,190,959	27,272,255,374,981
23/04/2022	259,944,841,460,881	131,922,347,660,522	1,508,052,668,644,660	33,629,158,241,024	19,599,389,058,078
24/04/2022	508,885,045,818,830	140,313,124,004,289	1,510,863,540,771,590	38,332,145,345,996	17,689,118,889,266
25/04/2022	498,710,954,007,244	320,624,574,619,274	1,515,448,374,824,890	67,769,013,042,538	27,431,531,473,596
26/04/2022	447,133,501,651,585	274,854,332,928,433	1,524,894,830,015,700	60,902,407,433,772	24,120,587,170,299
27/04/2022	489,825,471,856,647	251,403,816,918,794	1,526,607,474,141,370	55,557,744,954,885	21,830,417,198,432
28/04/2022	448,297,550,329,311	266,463,744,335,955	1,527,908,090,145,130	66,626,782,262,608	30,576,522,808,601
29/04/2022	347,087,631,516,329	272,480,436,948,653	1,549,300,263,184,220	59,173,188,148,923	27,989,892,795,165
30/04/2022	392,217,790,868,434	196,393,032,715,071	1,554,283,713,753,940	55,558,407,742,619	21,317,120,573,923



Hak Cipta Dititik

01/05/2022	477,278,862,129,593	222,709,438,730,041	1,555,788,604,218,490	54,578,179,970,357	22,569,778,782,371
02/05/2022	396,967,573,706,631	269,785,035,907,671	1,563,138,872,957,340	56,578,265,439,554	20,122,936,674,489
03/05/2022	531,314,320,419,626	189,224,845,738,933	1,575,775,178,179,280	53,627,882,444,418	18,824,697,936,356
04/05/2022	622,023,278,659,550	262,904,019,836,411	1,575,876,137,138,660	64,272,436,883,355	24,784,422,731,757
05/05/2022	546,476,806,027,997	326,737,408,441,235	1,577,842,624,901,680	75,074,174,428,567	34,480,302,017,101
06/05/2022	353,417,590,408,558	304,032,800,942,552	1,591,709,915,458,940	77,734,349,131,629	26,528,491,084,425
07/05/2022	533,014,477,566,497	193,836,458,785,107	1,592,624,578,431,750	52,530,447,531,162	22,153,358,978,139
08/05/2022	918,463,292,032,713	301,604,830,983,208	1,593,028,320,867,100	78,756,687,362,436	27,197,229,549,330
09/05/2022	870,385,189,603,650	526,726,974,527,033	1,614,315,236,543,090	123,137,139,898,491	42,670,033,502,377
10/05/2022	1,022,496,675,103,580	555,926,504,457,292	1,618,956,532,627,480	125,323,863,895,590	46,721,509,272,359
11/05/2022	974,417,815,441,871	664,486,913,433,526	1,620,239,765,781,390	219,977,418,685,199	56,226,155,012,309
12/05/2022	628,352,038,494,561	617,669,626,812,833	1,622,794,719,553,840	270,729,056,436,006	68,947,423,982,203
13/05/2022	419,150,924,163,781	363,978,421,058,889	1,622,799,652,029,600	117,714,605,367,339	40,688,117,036,890
14/05/2022	378,900,274,909,801	226,692,243,470,282	1,629,523,156,302,840	84,097,696,850,765	27,639,015,308,107
15/05/2022	476,577,255,916,207	217,731,989,198,517	1,630,496,958,730,440	67,619,735,894,763	23,628,139,822,163
16/05/2022	426,263,832,749,914	313,582,102,945,007	1,637,149,587,145,930	97,181,977,590,766	25,633,377,440,453
17/05/2022	458,532,535,128,491	271,124,189,395,907	1,642,042,518,474,140	77,215,396,861,677	23,208,931,739,778
18/05/2022	498,496,088,126,721	260,020,462,162,430	1,653,495,331,673,170	84,883,716,274,926	22,279,209,817,508
19/05/2022	450,094,087,871,009	276,517,499,199,249	1,654,102,863,726,910	97,124,611,566,117	24,307,992,341,138
20/05/2022	253,464,128,165,052	232,626,209,498,235	1,659,870,515,222,010	80,784,929,083,332	25,713,267,578,278
21/05/2022	317,387,444,831,879	125,402,772,719,873	1,666,492,462,990,680	45,277,210,297,108	19,349,094,416,480
22/05/2022	461,295,851,389,673	160,533,019,913,135	1,666,715,010,958,930	51,259,418,710,044	23,538,963,767,132
23/05/2022	389,505,952,407,817	240,798,872,944,572	1,695,654,880,163,320	81,966,939,303,739	32,646,786,821,743
24/05/2022	403,325,996,275,512	191,077,733,219,542	1,697,488,779,473,760	67,564,169,641,252	29,308,725,971,311
25/05/2022	537,750,959,616,060	195,831,290,681,880	1,711,693,581,812,150	67,112,020,938,981	29,430,368,026,200
26/05/2022	534,828,247,947,057	343,036,304,215,601	1,729,927,647,410,230	100,181,031,413,690	39,283,432,548,266
27/05/2022	279,917,191,719,368	372,382,040,926,136	1,749,934,620,720,980	99,893,971,977,481	37,911,276,180,589



Hak Cipta Dititik

28/05/2022	263,074,252,074,036	187,524,858,807,923	1,755,054,241,283,770	63,506,949,301,495	21,396,666,849,674
29/05/2022	572,560,458,584,172	154,736,380,179,319	1,761,199,582,264,560	57,754,604,005,767	17,575,735,604,623
30/05/2022	487,897,119,206,858	285,432,016,181,937	1,765,276,833,128,830	94,520,156,760,287	30,092,408,153,897
31/05/2022	598,375,705,846,235	267,137,423,607,570	1,769,869,435,002,520	85,775,382,061,760	24,898,525,737,133
01/06/2022	598,375,705,846,235	306,023,020,755,326	1,772,530,362,294,260	89,586,241,962,754	25,654,293,289,316
02/06/2022	423,325,787,578,637	248,390,209,430,837	1,793,194,473,858,360	72,703,262,546,477	17,876,786,368,532
03/06/2022	377,844,027,460,548	214,763,956,139,950	1,803,027,142,074,320	61,588,239,384,835	16,098,072,617,985
04/06/2022	239,428,252,219,615	125,253,209,688,713	1,819,573,683,040,110	46,048,582,830,327	11,632,751,064,548
05/06/2022	249,181,177,201,840	127,742,045,419,836	1,823,519,367,397,120	46,586,078,111,025	11,252,404,529,483
06/06/2022	461,244,622,291,885	238,487,995,130,351	1,826,067,737,255,820	66,752,084,472,981	21,236,939,944,132
07/06/2022	588,834,792,581,027	346,909,958,468,149	1,829,199,851,425,130	85,590,360,272,843	25,314,286,218,531
08/06/2022	437,693,321,467,988	261,114,282,484,433	1,872,759,378,830,310	64,637,947,343,757	16,450,470,472,914
09/06/2022	314,822,572,117,886	174,349,483,218,352	1,898,337,262,095,520	49,224,202,922,953	11,624,927,817,268
10/06/2022	436,419,086,863,607	270,388,491,749,286	1,910,418,762,641,440	65,506,509,455,339	19,912,994,813,151
11/06/2022	398,207,323,081,077	308,771,350,305,390	1,914,463,317,479,440	70,176,062,964,298	17,835,519,485,443
12/06/2022	499,293,756,127,022	342,940,896,140,785	1,921,728,023,727,640	87,821,200,578,939	20,171,560,780,137
13/06/2022	992,576,376,010,099	657,251,063,027,252	1,933,218,356,807,390	201,058,089,622,183	35,968,604,253,162
14/06/2022	754,386,444,349,163	493,818,405,608,263	1,933,993,953,902,750	137,230,118,459,239	30,037,421,186,810
15/06/2022	811,736,743,723,906	554,935,041,890,278	1,954,366,312,800,780	160,613,193,399,610	33,177,950,993,515
16/06/2022	458,251,640,645,828	277,850,121,548,712	1,961,637,287,621,150	91,355,243,507,889	21,795,962,722,098
17/06/2022	402,651,891,740,813	216,541,293,801,688	1,967,181,399,802,760	78,407,740,009,965	16,450,992,930,654
18/06/2022	623,371,730,635,846	321,341,330,331,485	2,001,032,204,633,050	106,366,958,420,137	23,441,397,316,324
19/06/2022	524,255,719,093,003	323,419,887,778,090	2,005,209,753,331,680	90,123,596,299,193	19,783,965,246,777
20/06/2022	456,831,289,727,136	292,607,388,714,847	2,013,274,670,047,760	79,960,323,641,709	18,319,212,067,278
21/06/2022	429,563,071,991,466	231,788,714,162,739	2,024,457,618,056,620	72,634,338,545,345	17,284,923,443,855
22/06/2022	424,049,935,236,059	222,757,207,452,542	2,051,739,222,169,280	67,785,812,129,226	15,596,603,840,119
23/06/2022	388,471,614,669,422	217,433,272,764,641	2,057,173,627,023,200	68,215,192,794,047	17,037,345,092,215



Hak Cipta Diteliti

24/06/2022	371,059,867,252,758	252,473,234,076,102	2,112,727,902,579,030	74,825,970,939,033	16,768,724,686,919
25/06/2022	272,455,562,892,223	185,101,020,947,190	2,139,760,205,906,520	50,590,936,295,047	13,577,201,426,729
26/06/2022	267,333,924,890,838	179,386,645,741,447	2,141,875,247,640,490	48,096,080,290,020	12,217,667,509,266
27/06/2022	311,296,688,460,378	185,483,391,825,691	2,163,636,290,889,210	59,054,540,580,007	12,489,097,377,694
28/06/2022	316,611,358,203,491	207,651,422,323,675	2,177,676,507,233,710	62,754,073,427,574	16,023,806,276,061
29/06/2022	350,017,274,016,682	228,655,608,359,880	2,189,965,168,736,730	75,711,038,266,465	15,791,447,168,985
30/06/2022	390,875,622,384,615	243,311,126,331,608	2,195,601,827,770,030	77,670,163,849,427	16,202,910,155,507
01/07/2022	460,205,646,463,699	261,748,077,602,046	2,229,750,255,614,340	79,441,110,395,075	18,460,784,826,014
02/07/2022	271,056,485,711,424	148,787,154,860,616	2,263,583,230,319,760	59,507,929,145,901	11,491,349,711,674
03/07/2022	245,455,017,302,095	128,146,074,647,537	2,275,592,636,720,920	54,126,888,297,866	10,849,880,682,602
04/07/2022	322,588,848,041,661	204,220,899,287,285	2,287,571,881,489,180	75,176,064,882,160	15,526,540,407,503
05/07/2022	400,590,276,667,506	242,846,128,330,381	2,319,871,954,304,910	93,618,915,867,813	19,643,461,985,107
06/07/2022	370,054,209,667,901	231,271,799,382,782	2,320,879,259,351,650	81,329,704,885,562	19,055,837,090,580
07/07/2022	387,611,812,391,791	213,675,400,349,675	2,329,317,280,807,290	82,908,919,802,792	16,638,691,021,819
08/07/2022	747,621,720,045,884	244,452,573,624,212	2,347,978,642,049,560	92,026,308,067,212	20,100,728,813,645
09/07/2022	443,933,689,849,524	132,116,964,358,045	2,389,261,359,701,440	73,465,997,600,221	12,755,170,755,069
10/07/2022	429,670,831,704,891	164,515,176,506,475	2,390,174,430,879,810	66,488,307,849,790	13,196,130,924,889
11/07/2022	361,695,731,865,239	180,683,957,270,861	2,421,110,788,137,670	72,540,769,998,651	15,292,402,421,854
12/07/2022	387,426,888,620,355	188,882,619,599,002	2,470,956,440,114,080	71,755,114,283,217	17,112,589,740,988
13/07/2022	495,107,776,301,307	274,245,980,794,518	2,471,907,353,782,810	81,589,618,843,767	21,453,733,709,981
14/07/2022	468,329,933,759,680	250,837,781,464,096	2,485,546,893,733,590	80,346,160,637,859	24,189,428,677,490
15/07/2022	389,764,924,612,011	261,965,685,410,108	2,489,079,090,953,840	84,950,714,747,427	17,321,403,113,134
16/07/2022	364,455,605,043,304	275,393,178,281,466	2,503,037,937,099,310	80,724,437,030,588	15,461,026,421,331
17/07/2022	343,833,344,747,855	241,136,985,091,093	2,516,505,385,218,650	83,093,693,356,930	15,759,089,387,460
18/07/2022	599,435,257,518,802	411,481,460,884,392	2,521,874,642,658,990	126,815,051,818,966	24,477,441,284,537
19/07/2022	730,575,884,223,988	415,789,498,858,760	2,547,724,096,072,220	142,397,646,670,504	28,851,454,286,760
20/07/2022	642,307,427,564,277	343,242,418,037,657	2,552,135,447,164,680	131,756,517,127,286	25,059,698,453,296



Hak Cipta

21/07/2022	503,666,446,496,273	299,668,121,828,557	2,592,511,079,478,280	110,413,714,097,806	18,271,856,554,383
22/07/2022	471,824,508,474,935	284,193,380,012,634	2,602,013,982,877,770	94,388,816,752,132	17,625,399,212,170
23/07/2022	359,798,507,960,419	224,652,196,905,804	2,666,555,891,827,070	79,191,201,477,474	16,598,207,758,492
24/07/2022	352,963,988,661,357	257,888,950,671,075	2,765,873,419,915,860	72,885,711,609,377	13,677,109,387,530
25/07/2022	534,241,519,183,643	309,136,393,160,109	2,799,750,186,499,690	96,585,456,887,345	15,096,274,271,733
26/07/2022	429,055,236,441,453	273,377,828,446,090	2,809,176,383,273,710	103,002,722,780,779	13,891,495,756,167
27/07/2022	476,087,382,277,792	344,897,739,900,534	2,819,786,524,704,820	123,864,878,206,649	21,069,512,029,311
28/07/2022	601,078,565,452,921	407,044,007,855,623	2,924,240,303,637,630	140,799,211,570,013	24,642,495,921,884
29/07/2022	533,284,531,217,705	345,488,032,336,060	2,927,176,903,118,850	130,366,802,975,559	38,076,156,750,164
30/07/2022	417,027,113,381,453	230,779,157,920,209	3,011,594,826,758,910	93,972,404,097,414	23,392,113,979,863
31/07/2022	348,955,885,355,469	210,389,574,784,162	3,301,230,860,969,030	105,545,357,560,735	19,460,494,925,392
01/08/2022	383,412,782,547,724	240,161,726,039,681	3,382,326,207,170,550	120,006,212,243,963	19,492,503,590,399
02/08/2022	421,447,066,401,146	303,231,408,004,036	3,421,984,860,511,020	123,720,269,727,410	26,251,606,408,117
03/08/2022	391,567,549,307,864	250,034,086,741,402	3,996,706,425,518,960	106,110,160,933,063	31,780,167,543,077

Lampiran 1. 3 Hasil Volatilitas Harga Bitcoin, Ethereum, Tether, USD Coin dan BNB

Date	Bitcoin	Ethereum	Tether	USD Coin	BNB
17/12/2020	10.94%	6.91%	0.20%	0.14%	5.18%
18/12/2020	3.79%	4.54%	2.81%	-0.03%	4.71%
19/12/2020	5.37%	3.37%	-0.61%	0.06%	9.91%
20/12/2020	4.75%	5.17%	0.04%	0.04%	8.42%
21/12/2020	8.56%	7.64%	0.10%	0.23%	11.84%
22/12/2020	6.35%	6.49%	0.60%	0.22%	9.73%
23/12/2020	5.53%	13.66%	-0.31%	0.70%	14.06%
24/12/2020	4.15%	7.80%	0.10%	0.03%	7.25%
25/12/2020	4.32%	4.68%	1.20%	0.03%	4.87%
26/12/2020	8.57%	5.25%	0.01%	0.11%	4.04%
27/12/2020	8.77%	12.40%	0.11%	0.85%	8.26%
28/12/2020	3.94%	8.60%	1.89%	-0.19%	7.20%
29/12/2020	5.25%	6.54%	0.21%	0.39%	11.03%
30/12/2020	4.96%	3.93%	0.09%	0.16%	5.97%

antumkan dan menyebutkan sumber :
 karya ilmiah, penulisan laporan, penulisan kritik atau tinjauan suatu masalah.
 Negeri Jakarta
 karya tulis ini dalam bentuk apapun



31/12/2020	3.42%	3.55%	0.11%	-0.54%	3.59%
01/01/2021	3.27%	3.62%	-0.13%	0.66%	6.71%
02/01/2021	13.06%	9.13%	-0.83%	0.32%	5.04%
03/01/2021	7.67%	25.52%	0.15%	0.22%	8.63%
04/01/2021	15.51%	22.26%	0.07%	-0.18%	12.64%
05/01/2021	12.79%	13.40%	0.99%	0.17%	6.72%
06/01/2021	9.17%	12.30%	1.79%	0.53%	3.72%
07/01/2021	10.51%	10.28%	1.19%	-1.12%	7.93%
08/01/2021	13.10%	16.07%	3.41%	1.44%	7.58%
09/01/2021	6.11%	9.77%	-0.22%	0.15%	5.89%
10/01/2021	14.65%	12.66%	0.72%	-0.42%	11.24%
11/01/2021	21.78%	29.94%	-0.01%	0.14%	17.89%
12/01/2021	11.54%	13.04%	0.06%	0.35%	7.16%
13/01/2021	14.21%	13.08%	0.15%	-0.58%	8.40%
14/01/2021	7.86%	12.65%	0.16%	-0.19%	5.25%
15/01/2021	13.08%	13.48%	0.31%	-0.48%	7.80%
16/01/2021	6.07%	10.82%	-0.12%	0.13%	7.52%
17/01/2021	6.87%	6.90%	0.03%	-0.55%	12.06%
18/01/2021	6.66%	5.50%	0.09%	-0.08%	5.56%
19/01/2021	4.11%	12.80%	-0.55%	-0.18%	11.32%
20/01/2021	8.26%	12.18%	-0.18%	-0.32%	6.19%
21/01/2021	16.51%	23.27%	-0.01%	0.01%	10.73%
22/01/2021	16.41%	20.34%	1.93%	-0.66%	11.79%
23/01/2021	6.31%	5.76%	1.78%	0.05%	6.11%
24/01/2021	5.74%	13.01%	1.87%	0.16%	4.08%
25/01/2021	7.58%	11.19%	-0.17%	0.52%	6.29%
26/01/2021	5.71%	9.68%	0.91%	0.39%	6.39%
27/01/2021	10.03%	11.17%	0.22%	0.60%	5.33%
28/01/2021	11.87%	9.96%	0.15%	0.68%	6.02%
29/01/2021	17.52%	9.53%	1.26%	-0.08%	4.40%
30/01/2021	5.59%	5.41%	3.69%	0.06%	5.27%
31/01/2021	6.06%	6.78%	-0.27%	-0.04%	5.11%
01/02/2021	7.00%	7.48%	0.22%	0.08%	18.02%
02/02/2021	6.93%	12.08%	-0.13%	0.05%	7.18%
03/02/2021	5.47%	9.37%	2.30%	0.16%	5.13%
04/02/2021	5.99%	7.52%	0.07%	0.27%	9.94%
05/02/2021	3.70%	9.34%	-0.07%	0.28%	19.94%
06/02/2021	6.86%	5.27%	0.39%	0.09%	19.18%
07/02/2021	5.65%	11.80%	-0.04%	-0.06%	14.54%

Hak Cipta :

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penulisan laporan, penulisan kritik atau tinjauan suatu masalah.
 - b. Pengutipan tidak merugikan kepentingan yang wajar Politeknik Negeri Jakarta
2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta



Hak Cipta :

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penulisan laporan, penulisan kritik atau tinjauan suatu masalah.
 - b. Pengutipan tidak merugikan kepentingan yang wajar Politeknik Negeri Jakarta
2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

08/02/2021	19.24%	12.09%	2.54%	-0.10%	16.24%
09/02/2021	5.78%	5.96%	1.89%	0.55%	37.53%
10/02/2021	7.01%	7.73%	0.10%	0.41%	31.24%
11/02/2021	9.08%	5.24%	0.01%	-0.12%	9.69%
12/02/2021	4.83%	6.51%	0.09%	0.13%	14.11%
13/02/2021	3.50%	5.54%	0.13%	0.05%	9.65%
14/02/2021	4.91%	3.10%	-0.02%	0.20%	7.59%
15/02/2021	5.70%	8.42%	0.42%	0.04%	15.46%
16/02/2021	6.44%	4.68%	1.66%	-0.52%	4.48%
17/02/2021	6.94%	6.59%	2.36%	0.34%	31.81%
18/02/2021	3.13%	5.71%	0.37%	0.22%	19.72%
19/02/2021	9.43%	3.06%	1.84%	-0.46%	54.56%
20/02/2021	5.13%	10.64%	3.08%	0.06%	37.89%
21/02/2021	4.81%	4.49%	0.11%	0.20%	20.44%
22/02/2021	15.90%	20.04%	0.25%	0.47%	27.76%
23/02/2021	18.04%	25.52%	2.68%	0.33%	34.07%
24/02/2021	8.30%	12.41%	-0.25%	0.39%	26.51%
25/02/2021	9.25%	12.54%	0.03%	0.87%	11.80%
26/02/2021	9.04%	10.15%	0.37%	-0.47%	12.63%
27/02/2021	6.38%	6.16%	1.32%	0.04%	7.47%
28/02/2021	7.73%	12.13%	0.13%	0.11%	15.24%
01/03/2021	9.64%	9.94%	0.17%	0.07%	20.94%
02/03/2021	5.95%	8.58%	0.06%	0.53%	14.37%
03/03/2021	8.42%	10.75%	0.04%	0.10%	7.03%
04/03/2021	7.83%	6.76%	3.69%	0.35%	9.32%
05/03/2021	6.54%	6.52%	0.48%	0.95%	6.17%
06/03/2021	3.92%	9.41%	-0.51%	0.15%	5.32%
07/03/2021	4.08%	5.52%	-0.49%	-0.69%	7.59%
08/03/2021	5.57%	9.43%	0.17%	0.23%	4.95%
09/03/2021	5.60%	3.75%	0.13%	0.13%	23.03%
10/03/2021	6.91%	5.79%	0.50%	0.19%	9.60%
11/03/2021	6.24%	5.94%	0.20%	0.34%	14.06%
12/03/2021	4.19%	5.76%	1.24%	0.52%	12.72%
13/03/2021	9.27%	11.11%	0.38%	0.08%	9.95%
14/03/2021	4.12%	4.54%	-0.22%	0.04%	4.66%
15/03/2021	9.43%	7.97%	1.56%	0.23%	6.37%
16/03/2021	6.12%	5.63%	0.12%	0.04%	6.79%
17/03/2021	7.17%	4.40%	-0.11%	1.13%	7.42%
18/03/2021	10.11%	7.69%	-0.02%	0.88%	6.79%



Hak Cipta :

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, / penulisan karya ilmiah, penulisan laporan, penulisan kritik atau tinjauan suatu masalah.
 - b. Pengutipan tidak merugikan kepentingan yang wajar Politeknik Negeri Jakarta
2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

19/03/2021	4.56%	4.93%	0.32%	0.17%	4.87%
20/03/2021	3.07%	3.42%	0.06%	0.26%	4.43%
21/03/2021	4.81%	3.30%	0.09%	0.33%	4.32%
22/03/2021	7.36%	7.88%	3.10%	0.36%	7.98%
23/03/2021	4.80%	3.94%	-0.17%	0.06%	4.11%
24/03/2021	8.59%	10.25%	0.39%	0.36%	9.86%
25/03/2021	4.80%	3.91%	1.84%	0.25%	9.57%
26/03/2021	6.38%	6.28%	-0.01%	0.38%	8.01%
27/03/2021	4.20%	3.43%	0.11%	0.20%	9.54%
28/03/2021	2.76%	3.14%	0.09%	0.25%	6.89%
29/03/2021	5.39%	8.75%	-0.64%	0.09%	4.64%
30/03/2021	3.64%	4.22%	2.02%	-0.08%	14.27%
31/03/2021	3.44%	8.09%	0.05%	0.33%	8.71%
01/04/2021	1.82%	4.00%	0.19%	-0.35%	11.33%
02/04/2021	2.51%	9.47%	0.18%	0.14%	7.80%
03/04/2021	4.26%	5.58%	1.77%	0.48%	9.10%
04/04/2021	3.01%	5.01%	0.80%	1.03%	9.95%
05/04/2021	3.34%	4.81%	0.13%	0.82%	11.19%
06/04/2021	3.19%	4.55%	0.13%	0.13%	12.18%
07/04/2021	5.01%	8.55%	-0.04%	0.50%	14.11%
08/04/2021	4.54%	6.77%	0.03%	0.01%	12.82%
09/04/2021	1.99%	2.30%	0.00%	0.13%	11.61%
10/04/2021	5.43%	6.30%	1.75%	0.43%	7.65%
11/04/2021	2.50%	2.12%	2.98%	0.16%	13.97%
12/04/2021	2.83%	4.27%	0.06%	-0.23%	20.93%
13/04/2021	6.31%	8.09%	0.03%	0.00%	12.04%
14/04/2021	5.28%	6.93%	0.27%	0.28%	11.41%
15/04/2021	2.12%	5.05%	2.48%	0.30%	3.87%
16/04/2021	5.75%	9.51%	6.63%	0.00%	10.71%
17/04/2021	3.60%	6.78%	0.07%	1.19%	7.48%
18/04/2021	14.45%	16.16%	-0.05%	2.64%	20.31%
19/04/2021	5.68%	8.95%	0.52%	-0.28%	13.95%
20/04/2021	6.86%	13.29%	1.89%	-0.02%	21.27%
21/04/2021	5.77%	9.54%	0.08%	-0.16%	13.30%
22/04/2021	8.86%	12.99%	0.04%	0.13%	18.83%
23/04/2021	8.98%	14.31%	-0.08%	0.31%	15.52%
24/04/2021	4.73%	9.01%	-0.03%	0.04%	8.60%
25/04/2021	6.69%	7.86%	0.02%	0.04%	7.50%
26/04/2021	10.16%	8.99%	0.14%	0.03%	8.84%



© Hak Cipta Teknik Politeknik Negeri Jakarta

Hak Cipta :

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penulisan laporan, penulisan kritik atau tinjauan suatu masalah.
 - b. Pengutipan tidak merugikan kepentingan yang wajar Politeknik Negeri Jakarta
2. Dilarang menggunakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

27/04/2021	4.00%	7.47%	0.46%	-0.15%	9.89%
28/04/2021	4.04%	6.97%	0.15%	-0.35%	7.24%
29/04/2021	5.48%	4.69%	3.26%	-0.10%	10.45%
30/04/2021	8.89%	2.65%	-0.14%	0.02%	7.15%
01/05/2021	2.42%	6.85%	4.38%	0.04%	4.88%
02/05/2021	3.09%	4.43%	0.01%	0.04%	5.35%
03/05/2021	3.97%	15.27%	1.13%	-0.27%	8.58%
04/05/2021	7.06%	10.12%	1.52%	0.08%	10.51%
05/05/2021	8.42%	9.13%	0.19%	0.29%	7.63%
06/05/2021	5.63%	5.93%	0.51%	-0.96%	6.07%
07/05/2021	4.73%	5.04%	0.11%	-0.02%	4.06%
08/05/2021	4.28%	13.41%	0.19%	0.04%	6.06%
09/05/2021	4.72%	6.14%	0.81%	0.04%	7.14%
10/05/2021	9.64%	12.87%	1.64%	0.53%	14.77%
11/05/2021	4.07%	9.79%	0.03%	0.16%	7.44%
12/05/2021	15.60%	13.66%	1.46%	0.33%	14.22%
13/05/2021	8.63%	12.63%	-0.98%	-0.21%	17.57%
14/05/2021	4.95%	11.79%	0.04%	0.23%	8.00%
15/05/2021	8.17%	12.64%	0.03%	0.04%	8.42%
16/05/2021	12.29%	14.60%	0.29%	0.04%	12.44%
17/05/2021	8.96%	12.68%	0.18%	-0.36%	14.39%
18/05/2021	7.68%	8.90%	2.57%	0.02%	7.12%
19/05/2021	34.23%	54.71%	0.16%	0.40%	57.67%
20/05/2021	19.00%	31.84%	1.56%	0.36%	38.79%
21/05/2021	22.47%	32.58%	-0.05%	0.11%	40.50%
22/05/2021	9.29%	13.58%	3.13%	0.12%	16.22%
23/05/2021	20.32%	31.39%	10.31%	0.17%	37.95%
24/05/2021	14.10%	24.22%	0.25%	0.12%	29.93%
25/05/2021	8.39%	13.84%	-0.45%	0.08%	19.57%
26/05/2021	6.95%	8.97%	-0.16%	-0.22%	13.63%
27/05/2021	8.00%	8.89%	0.28%	0.09%	12.78%
28/05/2021	11.33%	16.72%	0.11%	0.03%	17.37%
29/05/2021	9.98%	15.01%	0.11%	0.11%	15.65%
30/05/2021	8.24%	12.16%	-0.17%	0.11%	14.24%
31/05/2021	9.02%	17.24%	0.09%	-0.11%	14.14%
01/06/2021	5.90%	8.10%	0.43%	0.09%	7.01%
02/06/2021	6.11%	9.23%	0.27%	-0.21%	17.60%
03/06/2021	5.89%	8.12%	0.07%	0.21%	9.91%
04/06/2021	9.40%	10.87%	0.12%	0.09%	15.78%



Hak Cipta :

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penulisan laporan, penulisan kritik atau tinjauan suatu masalah.
 - b. Pengutipan tidak merugikan kepentingan yang wajar Politeknik Negeri Jakarta
2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

05/06/2021	8.29%	9.65%	0.26%	0.15%	12.69%
06/06/2021	3.16%	4.75%	0.03%	0.44%	4.52%
07/06/2021	9.56%	9.70%	0.06%	-0.01%	13.60%
08/06/2021	8.70%	12.16%	0.42%	0.17%	13.11%
09/06/2021	14.52%	8.44%	1.73%	0.05%	12.44%
10/06/2021	6.78%	7.49%	-0.14%	-0.05%	8.92%
11/06/2021	3.90%	7.18%	-0.58%	-0.07%	6.40%
12/06/2021	7.43%	7.70%	2.27%	0.12%	6.84%
13/06/2021	11.95%	9.59%	0.15%	0.44%	10.77%
14/06/2021	5.69%	5.53%	0.49%	0.33%	6.38%
15/06/2021	4.11%	4.85%	2.18%	1.02%	4.21%
16/06/2021	4.74%	7.00%	0.20%	-1.00%	6.44%
17/06/2021	5.17%	5.53%	0.09%	-0.26%	4.49%
18/06/2021	8.11%	10.28%	0.21%	0.11%	8.06%
19/06/2021	4.27%	4.93%	4.66%	0.17%	3.94%
20/06/2021	7.56%	10.20%	1.27%	0.09%	8.99%
21/06/2021	13.06%	18.87%	0.20%	0.57%	23.53%
22/06/2021	14.04%	15.10%	0.13%	0.47%	24.67%
23/06/2021	8.93%	11.32%	0.23%	0.09%	20.25%
24/06/2021	8.44%	7.43%	0.27%	0.01%	11.36%
25/06/2021	12.19%	11.59%	10.80%	-0.03%	13.03%
26/06/2021	7.81%	7.32%	0.57%	0.16%	9.14%
27/06/2021	7.52%	8.67%	0.06%	0.09%	7.21%
28/06/2021	4.07%	8.64%	0.12%	-0.18%	5.06%
29/06/2021	6.89%	8.23%	-0.22%	0.68%	9.05%
30/06/2021	5.98%	8.81%	-0.05%	0.07%	7.93%
01/07/2021	6.08%	8.88%	0.42%	-0.01%	7.24%
02/07/2021	3.74%	5.92%	0.06%	-0.67%	5.19%
03/07/2021	4.41%	5.51%	0.02%	0.07%	6.54%
04/07/2021	4.75%	8.82%	0.01%	0.13%	7.59%
05/07/2021	6.48%	7.52%	0.12%	0.22%	5.15%
06/07/2021	3.95%	6.58%	0.30%	-0.23%	6.14%
07/07/2021	3.39%	4.31%	0.03%	0.16%	6.09%
08/07/2021	5.04%	10.32%	0.29%	0.04%	6.92%
09/07/2021	4.68%	5.85%	0.11%	0.03%	5.05%
10/07/2021	3.25%	5.07%	0.40%	0.11%	3.18%
11/07/2021	3.88%	4.41%	0.51%	0.11%	4.65%
12/07/2021	5.52%	7.35%	0.31%	0.19%	7.71%
13/07/2021	2.90%	5.71%	-0.06%	0.11%	3.81%



Hak Cipta :

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penulisan laporan, penulisan kritik atau tinjauan suatu masalah.
 - b. Pengutipan tidak merugikan kepentingan yang wajar Politeknik Negeri Jakarta
2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

14/07/2021	4.14%	7.43%	0.66%	0.33%	7.40%
15/07/2021	5.86%	7.61%	0.12%	0.37%	7.23%
16/07/2021	3.66%	5.78%	-0.51%	-0.07%	7.25%
17/07/2021	2.25%	3.29%	-0.01%	0.09%	3.70%
18/07/2021	3.72%	5.24%	-0.03%	0.13%	3.00%
19/07/2021	3.86%	5.42%	1.37%	-0.50%	7.81%
20/07/2021	5.63%	6.58%	0.41%	0.25%	10.42%
21/07/2021	9.85%	13.58%	0.02%	0.20%	12.98%
22/07/2021	2.75%	4.74%	0.13%	0.11%	3.73%
23/07/2021	4.60%	6.21%	0.01%	0.11%	6.65%
24/07/2021	3.14%	4.20%	1.69%	0.10%	3.88%
25/07/2021	4.41%	3.98%	0.10%	0.14%	3.74%
26/07/2021	13.63%	10.80%	1.74%	0.18%	8.21%
27/07/2021	7.97%	7.36%	0.33%	0.23%	6.59%
28/07/2021	4.89%	3.96%	0.17%	0.29%	3.22%
29/07/2021	3.08%	5.00%	0.24%	-0.10%	3.10%
30/07/2021	9.69%	6.32%	0.34%	-0.08%	5.73%
31/07/2021	2.69%	5.12%	0.94%	0.08%	6.20%
01/08/2021	7.50%	6.47%	0.28%	-0.08%	5.53%
02/08/2021	4.63%	5.38%	0.05%	0.11%	3.39%
03/08/2021	5.37%	7.30%	0.17%	-0.10%	4.87%
04/08/2021	6.25%	11.65%	-0.58%	-0.08%	5.30%
05/08/2021	9.96%	11.23%	0.07%	0.05%	4.91%
06/08/2021	8.15%	7.93%	0.54%	-0.09%	4.82%
07/08/2021	4.74%	9.99%	0.00%	0.07%	5.47%
08/08/2021	4.05%	7.59%	0.03%	0.08%	6.45%
09/08/2021	8.10%	9.52%	-0.01%	0.40%	6.62%
10/08/2021	4.28%	5.31%	0.06%	0.11%	7.17%
11/08/2021	2.83%	4.45%	0.11%	-0.16%	9.40%
12/08/2021	5.35%	8.24%	1.15%	-0.04%	8.74%
13/08/2021	7.75%	9.06%	-0.16%	0.30%	7.08%
14/08/2021	4.08%	3.51%	-0.44%	0.08%	4.43%
15/08/2021	3.83%	6.28%	0.40%	0.14%	4.45%
16/08/2021	5.04%	6.14%	0.18%	0.05%	5.91%
17/08/2021	5.45%	8.93%	0.77%	0.25%	8.24%
18/08/2021	3.37%	5.31%	2.83%	0.11%	6.00%
19/08/2021	7.12%	7.78%	1.01%	-0.41%	10.25%
20/08/2021	4.95%	3.36%	-0.03%	-0.31%	7.66%
21/08/2021	2.87%	2.99%	0.39%	0.12%	3.38%



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22/08/2021	2.70%	4.08%	-0.06%	0.21%	4.29%
23/08/2021	2.88%	3.88%	0.30%	0.09%	12.45%
24/08/2021	4.35%	6.19%	-0.19%	0.05%	8.69%
25/08/2021	4.42%	5.48%	-0.07%	0.06%	7.67%
26/08/2021	6.16%	6.00%	0.49%	0.21%	9.19%
27/08/2021	4.80%	5.96%	0.19%	0.69%	4.77%
28/08/2021	1.60%	2.07%	-0.09%	0.14%	2.77%
29/08/2021	3.52%	3.86%	6.00%	0.14%	3.80%
30/08/2021	4.75%	5.81%	-0.05%	0.43%	5.52%
31/08/2021	2.35%	7.47%	0.04%	-0.59%	4.67%
01/09/2021	5.26%	12.72%	1.03%	0.43%	7.55%
02/09/2021	3.20%	2.55%	-0.18%	0.11%	5.09%
03/09/2021	5.31%	8.09%	0.15%	0.06%	4.03%
04/09/2021	1.99%	3.37%	0.05%	0.07%	4.86%
05/09/2021	4.63%	3.64%	0.23%	0.10%	3.18%
06/09/2021	2.97%	2.33%	0.05%	0.22%	4.04%
07/09/2021	19.37%	24.69%	0.38%	0.37%	29.70%
08/09/2021	5.78%	9.80%	0.04%	-0.08%	9.92%
09/09/2021	3.34%	4.41%	0.29%	1.11%	7.29%
10/09/2021	5.89%	10.65%	0.44%	0.28%	10.75%
11/09/2021	2.54%	4.20%	-0.30%	0.13%	3.69%
12/09/2021	3.41%	6.79%	0.00%	0.17%	5.66%
13/09/2021	6.67%	9.02%	0.06%	0.43%	8.13%
14/09/2021	5.35%	4.65%	0.21%	0.06%	4.41%
15/09/2021	3.46%	7.08%	-0.08%	0.11%	6.08%
16/09/2021	2.98%	4.96%	-0.06%	-0.10%	3.80%
17/09/2021	2.54%	6.71%	0.77%	0.36%	5.79%
18/09/2021	3.56%	4.89%	-0.03%	0.17%	4.44%
19/09/2021	3.03%	4.89%	0.12%	0.36%	3.76%
20/09/2021	10.20%	12.81%	-0.44%	0.09%	13.66%
21/09/2021	9.12%	14.68%	0.11%	0.04%	10.26%
22/09/2021	7.65%	11.67%	4.98%	-0.06%	10.35%
23/09/2021	4.27%	4.37%	0.36%	-0.19%	4.22%
24/09/2021	9.52%	13.80%	-0.17%	0.20%	13.66%
25/09/2021	2.92%	5.18%	0.17%	0.14%	4.66%
26/09/2021	7.32%	12.72%	0.11%	0.09%	9.61%
27/09/2021	5.05%	7.72%	-0.04%	0.05%	6.31%
28/09/2021	3.97%	5.72%	-0.03%	0.13%	4.06%
29/09/2021	4.12%	5.33%	-0.07%	0.14%	12.28%

Hak Cipta :

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penulisan laporan, penulisan kritik atau tinjauan suatu masalah.
 - b. Pengutipan tidak merugikan kepentingan yang wajar Politeknik Negeri Jakarta
2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta



Hak Cipta :

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penulisan laporan, penulisan kritik atau tinjauan suatu masalah.
 - b. Pengutipan tidak merugikan kepentingan yang wajar Politeknik Negeri Jakarta
2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

30/09/2021	6.06%	6.87%	0.19%	0.04%	5.65%
01/10/2021	11.17%	10.85%	0.45%	0.09%	10.01%
02/10/2021	1.71%	6.09%	0.02%	0.07%	6.38%
03/10/2021	4.10%	4.00%	0.04%	0.09%	3.53%
04/10/2021	5.01%	4.52%	0.43%	-0.05%	4.72%
05/10/2021	5.15%	4.87%	0.18%	0.12%	4.25%
06/10/2021	9.46%	7.63%	0.32%	-0.09%	5.75%
07/10/2021	3.92%	4.43%	0.15%	0.23%	5.58%
08/10/2021	4.11%	3.10%	-0.14%	0.30%	5.32%
09/10/2021	3.05%	2.33%	0.35%	0.05%	2.17%
10/10/2021	3.86%	5.60%	0.39%	0.15%	4.90%
11/10/2021	5.82%	6.66%	0.21%	0.18%	5.33%
12/10/2021	5.55%	3.97%	-0.03%	-0.06%	12.52%
13/10/2021	5.97%	5.55%	0.48%	0.00%	8.27%
14/10/2021	3.17%	5.35%	-0.02%	-0.36%	4.46%
15/10/2021	9.84%	4.20%	0.37%	0.12%	4.90%
16/10/2021	3.38%	4.03%	-0.17%	0.10%	4.23%
17/10/2021	4.17%	6.71%	0.06%	0.11%	3.64%
18/10/2021	4.06%	4.77%	0.02%	0.28%	4.35%
19/10/2021	4.49%	3.66%	0.19%	0.06%	2.96%
20/10/2021	5.19%	8.40%	10.56%	-0.07%	4.84%
21/10/2021	6.87%	7.96%	0.33%	0.31%	7.42%
22/10/2021	5.39%	5.94%	0.08%	0.58%	5.68%
23/10/2021	3.15%	5.59%	0.54%	0.13%	2.67%
24/10/2021	3.07%	5.36%	0.34%	0.40%	3.90%
25/10/2021	5.20%	4.29%	-0.10%	0.44%	3.23%
26/10/2021	5.37%	4.36%	0.18%	-0.11%	2.96%
27/10/2021	5.41%	8.68%	-0.32%	0.26%	9.88%
28/10/2021	6.53%	9.33%	-0.06%	0.12%	9.91%
29/10/2021	4.38%	4.37%	0.12%	0.01%	9.22%
30/10/2021	2.29%	4.02%	2.88%	0.11%	5.33%
31/10/2021	3.81%	5.03%	-0.21%	0.22%	4.63%
01/11/2021	4.68%	5.30%	0.19%	0.92%	7.75%
02/11/2021	5.89%	7.19%	0.05%	0.32%	4.94%
03/11/2021	3.10%	4.38%	0.59%	0.65%	5.85%
04/11/2021	3.50%	3.74%	0.06%	0.03%	4.09%
05/11/2021	3.16%	3.07%	-0.65%	0.11%	10.14%
06/11/2021	2.34%	4.42%	0.09%	0.10%	6.38%
07/11/2021	3.18%	2.84%	-0.10%	0.11%	5.73%



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 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penulisan laporan, penulisan kritik atau tinjauan suatu masalah.
 - b. Pengutipan tidak merugikan kepentingan yang wajar Politeknik Negeri Jakarta
2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

08/11/2021	6.00%	3.69%	-0.07%	0.25%	3.44%
09/11/2021	3.02%	2.27%	0.23%	0.18%	3.81%
10/11/2021	8.08%	7.75%	-0.01%	0.89%	13.17%
11/11/2021	2.01%	3.89%	0.23%	0.29%	4.42%
12/11/2021	5.38%	6.88%	0.15%	0.32%	5.38%
13/11/2021	2.51%	2.58%	0.34%	0.40%	5.44%
14/11/2021	2.95%	3.76%	-0.02%	0.39%	3.93%
15/11/2021	4.24%	4.65%	0.14%	0.33%	4.25%
16/11/2021	7.23%	16.44%	-0.02%	80.66%	9.80%
17/11/2021	3.72%	4.39%	0.09%	16.29%	6.62%
18/11/2021	7.68%	9.39%	0.08%	0.48%	12.67%
19/11/2021	4.80%	8.37%	-0.47%	0.56%	11.17%
20/11/2021	4.07%	5.21%	0.07%	0.39%	5.24%
21/11/2021	2.34%	3.89%	0.04%	0.40%	4.15%
22/11/2021	6.15%	6.34%	0.03%	0.51%	5.40%
23/11/2021	4.08%	7.62%	0.34%	0.41%	8.06%
24/11/2021	2.99%	4.45%	0.50%	0.50%	2.72%
25/11/2021	3.70%	6.71%	0.21%	0.34%	9.46%
26/11/2021	9.06%	14.55%	0.10%	0.82%	15.22%
27/11/2021	3.05%	3.75%	0.25%	0.40%	6.07%
28/11/2021	6.64%	7.19%	0.18%	0.40%	6.19%
29/11/2021	3.64%	3.96%	0.24%	0.53%	4.34%
30/11/2021	5.16%	8.53%	0.69%	0.56%	4.73%
01/12/2021	4.08%	5.18%	0.26%	0.38%	4.75%
02/12/2021	2.85%	4.13%	-0.04%	0.44%	3.97%
03/12/2021	8.65%	12.10%	-0.06%	-0.35%	7.47%
04/12/2021	22.79%	18.47%	0.07%	0.40%	18.51%
05/12/2021	3.91%	4.99%	0.14%	0.40%	6.78%
06/12/2021	7.30%	10.52%	-0.02%	0.30%	10.42%
07/12/2021	3.36%	3.98%	0.17%	0.44%	3.99%
08/12/2021	4.71%	4.93%	-0.06%	0.44%	6.85%
09/12/2021	6.48%	9.18%	0.02%	0.11%	7.72%
10/12/2021	6.31%	8.26%	0.03%	0.34%	7.54%
11/12/2021	5.22%	6.29%	0.20%	0.39%	5.32%
12/12/2021	4.02%	4.42%	5.30%	0.40%	2.59%
13/12/2021	9.36%	12.28%	2.68%	0.63%	11.61%
14/12/2021	4.18%	4.29%	-0.01%	0.45%	4.86%
15/12/2021	5.61%	10.66%	-0.14%	0.11%	8.09%
16/12/2021	3.71%	3.77%	0.27%	0.34%	3.53%



Hak Cipta :

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penulisan laporan, penulisan kritik atau tinjauan suatu masalah.
 - b. Pengutipan tidak merugikan kepentingan yang wajar Politeknik Negeri Jakarta
2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

17/12/2021	4.97%	7.20%	-0.02%	0.49%	4.49%
18/12/2021	3.69%	5.64%	-0.24%	0.38%	3.88%
19/12/2021	3.35%	3.14%	0.18%	0.40%	2.98%
20/12/2021	3.94%	5.60%	-0.02%	0.34%	5.34%
21/12/2021	5.40%	3.74%	6.97%	0.79%	2.52%
22/12/2021	2.23%	3.07%	0.35%	0.13%	2.92%
23/12/2021	6.15%	5.86%	0.01%	0.40%	4.75%
24/12/2021	2.51%	2.63%	0.28%	0.47%	3.00%
25/12/2021	1.85%	2.71%	0.29%	0.40%	1.89%
26/12/2021	3.18%	2.27%	0.03%	0.40%	2.26%
27/12/2021	2.83%	2.29%	0.15%	0.43%	4.89%
28/12/2021	6.63%	6.88%	-0.10%	0.34%	6.13%
29/12/2021	4.28%	6.02%	0.70%	0.35%	5.70%
30/12/2021	4.00%	4.79%	0.42%	0.34%	3.39%
31/12/2021	5.46%	4.44%	-0.09%	-0.07%	3.69%
01/01/2022	3.27%	2.35%	-0.43%	0.16%	2.97%
02/01/2022	2.16%	2.88%	0.35%	0.17%	2.78%
03/01/2022	3.27%	3.70%	0.69%	0.25%	4.15%
04/01/2022	3.38%	4.24%	0.20%	0.49%	3.43%
05/01/2022	9.05%	10.40%	0.09%	-0.12%	10.73%
06/01/2022	2.65%	6.33%	1.10%	0.22%	4.27%
07/01/2022	5.15%	9.51%	2.21%	-0.07%	7.77%
08/01/2022	3.76%	7.01%	0.24%	0.15%	8.95%
09/01/2022	3.16%	4.17%	0.07%	0.16%	3.72%
10/01/2022	5.98%	7.62%	0.07%	-0.29%	8.64%
11/01/2022	3.57%	6.04%	0.15%	0.19%	10.26%
12/01/2022	3.76%	5.45%	0.08%	0.11%	6.79%
13/01/2022	3.98%	4.25%	0.27%	0.22%	4.39%
14/01/2022	3.24%	3.92%	2.54%	0.20%	4.77%
15/01/2022	2.44%	2.59%	-0.17%	0.15%	3.04%
16/01/2022	1.73%	2.54%	0.40%	0.17%	3.18%
17/01/2022	3.43%	6.00%	0.15%	0.19%	6.18%
18/01/2022	2.76%	4.13%	0.01%	0.28%	4.28%
19/01/2022	2.78%	3.55%	0.08%	0.05%	3.72%
20/01/2022	6.24%	8.16%	0.13%	0.28%	8.22%
21/01/2022	13.72%	19.27%	0.11%	0.13%	16.43%
22/01/2022	6.59%	11.53%	0.10%	0.18%	13.40%
23/01/2022	4.64%	6.52%	0.38%	0.20%	8.43%
24/01/2022	11.61%	15.36%	0.24%	0.39%	12.72%



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Hak Cipta :

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penulisan laporan, penulisan kritik atau tinjauan suatu masalah.
 - b. Pengutipan tidak merugikan kepentingan yang wajar Politeknik Negeri Jakarta
2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

25/01/2022	4.42%	5.60%	0.22%	0.36%	7.68%
26/01/2022	6.29%	11.02%	0.05%	0.41%	8.26%
27/01/2022	4.22%	7.49%	0.09%	0.31%	8.28%
28/01/2022	4.76%	7.42%	-0.21%	0.43%	4.22%
29/01/2022	3.08%	3.90%	0.33%	0.36%	3.88%
30/01/2022	2.19%	3.12%	-0.11%	0.16%	4.25%
31/01/2022	4.72%	7.65%	-0.23%	0.35%	4.67%
01/02/2022	2.77%	4.37%	0.04%	0.14%	3.53%
02/02/2022	5.01%	6.06%	0.52%	0.31%	4.99%
03/02/2022	2.08%	4.53%	0.10%	0.06%	2.80%
04/02/2022	11.45%	11.06%	0.10%	0.38%	7.81%
05/02/2022	1.95%	2.90%	-0.08%	0.16%	8.08%
06/02/2022	2.96%	3.14%	0.59%	0.10%	3.01%
07/02/2022	6.27%	5.88%	0.12%	0.20%	5.76%
08/02/2022	5.78%	5.92%	0.45%	0.38%	8.85%
09/02/2022	3.32%	6.24%	0.36%	0.18%	4.50%
10/02/2022	4.91%	6.05%	0.40%	0.10%	5.22%
11/02/2022	3.69%	7.72%	0.17%	0.47%	6.25%
12/02/2022	2.69%	3.76%	0.09%	0.19%	3.08%
13/02/2022	1.75%	3.53%	0.21%	0.20%	2.76%
14/02/2022	2.34%	3.92%	0.48%	0.17%	3.01%
15/02/2022	4.70%	8.48%	0.22%	0.18%	7.57%
16/02/2022	2.45%	3.96%	0.19%	0.16%	2.18%
17/02/2022	8.64%	9.17%	0.26%	0.08%	6.70%
18/02/2022	2.95%	5.86%	-0.02%	-0.11%	3.97%
19/02/2022	1.76%	4.30%	0.22%	0.15%	3.11%
20/02/2022	5.13%	6.65%	-0.07%	0.18%	6.22%
21/02/2022	6.17%	6.78%	-0.15%	0.05%	9.81%
22/02/2022	5.10%	5.41%	0.16%	0.23%	6.92%
23/02/2022	4.91%	5.78%	0.02%	0.04%	4.46%
24/02/2022	12.42%	15.39%	0.11%	0.26%	12.35%
25/02/2022	3.82%	8.83%	0.30%	0.79%	5.14%
26/02/2022	3.31%	3.73%	0.46%	0.13%	3.63%
27/02/2022	6.60%	9.31%	0.04%	0.19%	5.61%
28/02/2022	15.39%	12.40%	-0.07%	0.12%	10.59%
01/03/2022	4.37%	5.57%	0.11%	0.23%	6.69%
02/03/2022	3.79%	3.66%	0.24%	0.26%	2.34%
03/03/2022	4.95%	5.67%	0.23%	0.04%	3.54%
04/03/2022	8.87%	8.96%	-0.17%	0.21%	7.58%



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 - b. Pengutipan tidak merugikan kepentingan yang wajar Politeknik Negeri Jakarta
2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

05/03/2022	2.01%	3.11%	0.17%	0.31%	4.95%
06/03/2022	3.67%	4.53%	0.04%	0.16%	3.72%
07/03/2022	5.63%	7.05%	-0.12%	0.10%	5.23%
08/03/2022	3.11%	4.65%	-0.24%	0.22%	2.44%
09/03/2022	8.69%	6.68%	0.11%	0.80%	5.15%
10/03/2022	7.65%	5.94%	0.58%	0.10%	8.17%
11/03/2022	4.17%	4.76%	0.37%	0.27%	3.52%
12/03/2022	1.37%	1.83%	0.19%	0.10%	1.88%
13/03/2022	3.90%	3.61%	0.53%	0.16%	4.32%
14/03/2022	5.50%	3.79%	0.02%	0.22%	3.80%
15/03/2022	3.59%	5.44%	-0.13%	0.36%	2.94%
16/03/2022	5.98%	6.09%	3.32%	0.01%	4.38%
17/03/2022	1.46%	2.88%	0.45%	0.40%	3.21%
18/03/2022	4.65%	6.95%	-0.04%	0.26%	3.98%
19/03/2022	1.70%	2.35%	0.15%	0.08%	2.64%
20/03/2022	2.97%	4.53%	-0.25%	0.11%	3.52%
21/03/2022	1.86%	3.95%	0.28%	0.12%	3.02%
22/03/2022	5.32%	5.12%	0.03%	0.02%	3.48%
23/03/2022	2.60%	3.69%	0.42%	0.13%	3.19%
24/03/2022	3.20%	3.39%	0.09%	0.03%	2.48%
25/03/2022	2.92%	3.07%	3.42%	0.15%	3.59%
26/03/2022	1.28%	1.76%	0.09%	0.15%	2.02%
27/03/2022	5.12%	4.92%	0.30%	0.09%	4.43%
28/03/2022	3.09%	4.47%	0.11%	0.13%	2.88%
29/03/2022	1.92%	3.96%	0.58%	0.05%	2.61%
30/03/2022	1.85%	2.46%	-0.31%	0.03%	4.76%
31/03/2022	4.62%	4.78%	0.10%	-0.09%	6.04%
01/04/2022	4.94%	7.41%	0.10%	0.13%	7.54%
02/04/2022	2.68%	2.28%	-0.02%	0.12%	3.77%
03/04/2022	3.61%	4.36%	0.77%	0.20%	5.04%
04/04/2022	3.40%	3.27%	-0.13%	-0.12%	3.96%
05/04/2022	3.09%	3.63%	-0.39%	0.12%	2.98%
06/04/2022	5.17%	7.18%	0.04%	0.17%	5.94%
07/04/2022	2.21%	3.36%	0.21%	0.19%	4.80%
08/04/2022	4.02%	3.74%	0.11%	0.32%	4.87%
09/04/2022	1.42%	2.31%	1.06%	0.15%	1.83%
10/04/2022	3.23%	2.86%	0.07%	0.20%	2.60%
11/04/2022	7.54%	8.23%	0.17%	0.13%	6.82%
12/04/2022	3.07%	3.98%	-0.03%	0.15%	5.79%



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 - b. Pengutipan tidak merugikan kepentingan yang wajar Politeknik Negeri Jakarta
2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

13/04/2022	4.19%	3.77%	0.34%	0.07%	3.14%
14/04/2022	4.24%	4.76%	-0.06%	0.03%	3.38%
15/04/2022	1.75%	1.60%	0.72%	0.13%	1.43%
16/04/2022	1.38%	1.92%	0.35%	0.12%	1.62%
17/04/2022	2.53%	3.02%	0.20%	0.14%	3.00%
18/04/2022	5.70%	5.66%	-0.53%	0.16%	5.06%
19/04/2022	2.79%	2.87%	18.42%	0.11%	2.14%
20/04/2022	2.98%	3.66%	0.02%	-0.01%	3.57%
21/04/2022	6.68%	6.74%	0.27%	0.11%	5.56%
22/04/2022	2.96%	2.17%	0.01%	0.23%	2.69%
23/04/2022	1.47%	1.65%	0.55%	0.11%	2.14%
24/04/2022	1.55%	1.35%	0.23%	0.24%	1.76%
25/04/2022	5.45%	7.38%	0.15%	0.02%	5.45%
26/04/2022	6.98%	8.24%	0.04%	0.24%	6.31%
27/04/2022	3.78%	3.99%	-0.12%	0.27%	2.39%
28/04/2022	3.28%	3.78%	0.04%	0.00%	4.94%
29/04/2022	3.90%	5.53%	0.22%	0.32%	4.57%
30/04/2022	2.81%	3.93%	0.02%	0.12%	5.62%
01/05/2022	2.73%	3.78%	0.35%	0.14%	3.40%
02/05/2022	2.25%	3.11%	-0.13%	0.15%	2.34%
03/05/2022	2.90%	3.98%	0.75%	0.14%	3.83%
04/05/2022	5.24%	5.75%	0.14%	0.14%	4.51%
05/05/2022	10.02%	8.08%	0.20%	0.16%	9.86%
06/05/2022	3.01%	4.02%	-0.01%	0.25%	2.78%
07/05/2022	3.35%	3.67%	0.76%	0.08%	5.18%
08/05/2022	4.68%	5.47%	0.52%	0.11%	4.28%
09/05/2022	11.85%	11.88%	0.24%	0.14%	17.73%
10/05/2022	8.48%	10.24%	0.25%	-0.06%	13.44%
11/05/2022	12.63%	18.71%	-0.03%	0.18%	20.42%
12/05/2022	12.62%	21.11%	0.13%	0.78%	26.93%
13/05/2022	7.14%	9.41%	0.09%	-0.07%	15.97%
14/05/2022	5.06%	5.32%	0.22%	0.13%	9.15%
15/05/2022	5.49%	6.33%	0.48%	0.12%	8.16%
16/05/2022	6.36%	7.17%	0.02%	0.46%	6.66%
17/05/2022	3.75%	4.72%	0.35%	0.15%	4.38%
18/05/2022	5.56%	8.43%	0.04%	-0.08%	5.98%
19/05/2022	5.04%	5.38%	-0.11%	0.10%	6.19%
20/05/2022	6.07%	6.29%	0.55%	0.17%	6.44%
21/05/2022	1.92%	2.09%	-0.07%	0.10%	4.41%



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 - b. Pengutipan tidak merugikan kepentingan yang wajar Politeknik Negeri Jakarta
2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

22/05/2022	3.82%	4.00%	0.09%	0.09%	3.48%
23/05/2022	5.62%	5.91%	0.21%	0.40%	6.19%
24/05/2022	3.30%	3.67%	-0.10%	-0.21%	4.98%
25/05/2022	2.59%	3.64%	0.27%	0.40%	3.81%
26/05/2022	5.51%	11.04%	0.12%	0.10%	10.25%
27/05/2022	4.02%	5.28%	-0.10%	0.64%	6.05%
28/05/2022	2.02%	4.30%	0.32%	0.10%	3.79%
29/05/2022	2.33%	2.95%	0.42%	0.10%	2.85%
30/05/2022	8.38%	10.28%	-0.82%	-0.25%	5.77%
31/05/2022	3.03%	3.69%	0.13%	0.14%	2.91%
01/06/2022	7.97%	9.85%	1.24%	0.05%	8.37%
02/06/2022	2.32%	2.84%	0.58%	0.15%	2.41%
03/06/2022	4.25%	5.29%	-0.27%	0.08%	5.35%
04/06/2022	1.45%	3.30%	-0.13%	0.09%	2.46%
05/06/2022	1.82%	2.70%	0.38%	0.11%	2.18%
06/06/2022	5.81%	5.92%	0.12%	0.34%	7.33%
07/06/2022	7.17%	7.35%	-0.74%	0.12%	7.29%
08/06/2022	4.26%	3.36%	0.04%	0.10%	3.66%
09/06/2022	1.63%	3.06%	-0.23%	0.04%	2.67%
10/06/2022	3.99%	7.46%	0.01%	0.20%	4.67%
11/06/2022	4.04%	10.81%	1.05%	0.13%	8.90%
12/06/2022	6.72%	6.96%	0.88%	0.14%	7.41%
13/06/2022	18.08%	19.34%	0.11%	0.75%	16.93%
14/06/2022	9.14%	13.41%	0.10%	0.23%	11.12%
15/06/2022	11.19%	18.37%	0.37%	0.15%	15.83%
16/06/2022	11.31%	15.50%	-0.35%	0.02%	11.74%
17/06/2022	4.52%	4.90%	-0.51%	0.03%	6.44%
18/06/2022	15.75%	19.99%	0.35%	0.17%	16.87%
19/06/2022	13.48%	19.08%	0.16%	0.12%	12.76%
20/06/2022	5.91%	8.37%	0.32%	0.06%	6.01%
21/06/2022	6.06%	6.34%	0.03%	-0.01%	6.39%
22/06/2022	4.79%	7.07%	5.32%	0.17%	3.96%
23/06/2022	5.87%	8.87%	0.26%	0.18%	7.02%
24/06/2022	3.15%	8.63%	0.09%	-0.06%	5.88%
25/06/2022	2.62%	5.09%	0.34%	0.10%	4.68%
26/06/2022	3.55%	5.76%	0.20%	0.06%	4.49%
27/06/2022	3.89%	4.34%	0.24%	-0.15%	4.17%
28/06/2022	4.36%	7.35%	1.01%	-0.03%	6.47%
29/06/2022	2.01%	5.14%	0.04%	0.06%	5.85%



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2. Dilarang mengemukakan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin Politeknik Negeri Jakarta

30/06/2022	6.86%	8.47%	0.43%	0.31%	6.22%
01/07/2022	7.71%	5.60%	0.04%	0.18%	5.44%
02/07/2022	1.80%	3.71%	-0.08%	0.10%	2.40%
03/07/2022	3.07%	3.58%	0.16%	0.09%	2.45%
04/07/2022	6.31%	9.68%	0.04%	0.38%	7.64%
05/07/2022	6.27%	6.76%	0.69%	0.03%	5.22%
06/07/2022	3.57%	6.54%	0.66%	0.23%	4.17%
07/07/2022	6.88%	6.61%	0.32%	0.31%	3.06%
08/07/2022	4.84%	5.04%	0.10%	0.05%	3.96%
09/07/2022	1.99%	1.59%	-0.47%	0.07%	1.66%
10/07/2022	4.08%	5.03%	0.15%	0.07%	4.72%
11/07/2022	4.35%	6.33%	0.00%	0.37%	3.77%
12/07/2022	3.88%	5.71%	-0.34%	-0.03%	3.35%
13/07/2022	6.13%	8.75%	1.02%	0.34%	6.07%
14/07/2022	5.10%	10.74%	0.17%	0.13%	5.13%
15/07/2022	3.28%	7.17%	-0.04%	-0.31%	2.26%
16/07/2022	4.74%	14.17%	0.04%	0.13%	6.86%
17/07/2022	3.89%	3.59%	0.43%	0.09%	3.32%
18/07/2022	8.33%	16.35%	0.13%	0.10%	6.58%
19/07/2022	8.64%	6.72%	1.27%	0.31%	6.39%
20/07/2022	5.02%	7.06%	0.20%	0.17%	5.53%
21/07/2022	3.72%	8.10%	0.14%	0.30%	5.60%
22/07/2022	4.48%	7.60%	1.22%	0.42%	3.73%
23/07/2022	4.33%	6.22%	0.51%	0.09%	7.01%
24/07/2022	2.95%	6.60%	0.50%	0.09%	3.23%
25/07/2022	6.04%	10.68%	-0.73%	0.21%	7.00%
26/07/2022	2.76%	5.80%	0.24%	0.06%	3.62%
27/07/2022	8.02%	13.23%	0.14%	-0.35%	8.83%
28/07/2022	5.37%	9.52%	-0.02%	0.33%	5.12%
29/07/2022	3.10%	5.41%	-0.02%	0.04%	8.88%
30/07/2022	4.12%	3.51%	-0.28%	0.10%	4.89%
31/07/2022	3.54%	4.25%	2.79%	0.07%	4.67%
01/08/2022	2.53%	5.39%	0.11%	0.00%	4.31%
02/08/2022	3.06%	6.44%	0.03%	0.09%	5.52%
03/08/2022	3.47%	4.92%	0.39%	0.18%	8.99%



Hak Cipta

Lampiran 1. 4 Hasil *Market Capitalization* Bitcoin, Ethereum, Tether, USD Coin dan BNB

Date	Bitcoin	Ethereum	Tether	USD Coin	BNB
17/12/2020	5,966,655,075,504,130	1,031,211,517,251,830	905,422,336,477,207	46,137,049,460,672	61,399,419,809,405
18/12/2020	6,074,955,742,735,390	1,054,121,936,072,960	93,697,495,362,479	46,418,707,969,192	63,150,969,631,106
19/12/2020	6,250,811,609,834,410	1,058,651,378,645,130	1,055,111,818,187,720	47,540,460,400,392	67,783,667,451,388
20/12/2020	6,148,323,846,724,530	1,025,042,680,129,730	1,122,844,958,478,920	47,319,202,513,210	69,542,451,119,630
21/12/2020	5,993,945,742,445,550	983,025,772,825,402	1,072,603,622,550,230	47,247,445,656,936	65,934,189,064,136
22/12/2020	6,241,603,517,269,890	1,021,831,950,484,070	222,129,189,698,050	47,414,655,810,128	68,301,625,605,947
23/12/2020	6,108,078,295,817,100	940,915,741,176,900	902,329,053,770,711	48,458,031,246,450	63,523,014,306,807
24/12/2020	6,304,781,859,410,640	996,495,039,667,872	990,384,299,102,648	50,584,040,057,261	67,095,401,209,321
25/12/2020	6,503,043,872,525,710	1,013,136,669,941,730	94,824,599,242,089	50,179,344,426,619	67,957,287,922,639
26/12/2020	6,928,618,384,884,480	1,022,302,980,363,230	239,867,566,795,156	50,039,268,682,844	68,183,388,235,333
27/12/2020	6,885,776,047,939,880	1,097,689,655,434,540	895,338,457,222,419	50,530,942,539,013	68,254,078,672,038
28/12/2020	7,142,206,909,262,700	1,181,750,636,696,400	219,068,617,911,157	51,479,831,264,816	73,448,291,405,892
29/12/2020	7,199,932,623,446,090	1,181,106,811,755,920	989,546,164,095,682	52,363,970,191,076	79,642,195,352,873
30/12/2020	7,564,190,682,387,560	1,209,666,155,808,870	894,421,489,288,033	51,936,234,051,848	77,713,374,200,984
31/12/2020	7,557,135,521,980,320	1,179,822,059,702,490	999,893,339,597,532	54,727,458,546,372	75,667,149,671,677
01/01/2021	7,599,796,198,969,520	1,159,710,754,002,050	1,046,636,034,077,820	56,083,821,168,806	76,188,879,225,972
02/01/2021	8,488,501,657,114,350	1,256,030,071,384,440	243,176,784,278,955	58,341,691,137,000	78,492,798,893,975
03/01/2021	8,661,955,162,766,760	1,582,125,907,731,010	1,071,350,088,807,970	59,811,565,256,105	84,460,358,258,748
04/01/2021	8,367,833,887,403,730	1,671,211,560,214,340	896,274,351,934,087	60,234,880,166,541	83,202,410,876,348
05/01/2021	8,808,979,709,656,000	1,749,942,710,168,040	63,527,831,105,826	60,197,680,372,748	84,005,060,741,791
06/01/2021	9,519,606,382,057,610	1,915,766,784,309,030	130,591,984,852,316	60,447,995,118,469	84,661,462,547,253
07/01/2021	10,139,453,724,072,900	1,937,990,823,068,960	63,581,109,819,986	61,098,304,798,403	86,903,627,275,421
08/01/2021	10,548,198,961,479,300	1,943,402,158,230,670	63,504,448,542,171	62,857,367,258,272	85,124,669,035,998
09/01/2021	10,582,404,531,321,300	2,067,964,244,945,000	255,829,358,857,004	65,881,127,145,671	89,687,531,066,545
10/01/2021	10,082,810,429,291,500	2,037,578,050,089,970	222,752,133,372,475	66,673,263,449,496	86,647,410,615,551



Hak Cipta Dititik

11/01/2021	9,321,935,663,857,650	1,754,703,138,483,520	1,147,018,949,788,640	65,875,018,825,323	78,090,537,608,215
12/01/2021	8,912,004,295,953,950	1,683,575,474,030,750	233,212,649,767,499	65,801,376,104,083	76,663,401,128,569
13/01/2021	9,766,084,736,803,950	1,817,600,526,450,600	242,307,599,979,681	65,616,473,623,026	80,423,102,759,629
14/01/2021	10,336,228,375,494,100	1,974,101,912,518,100	982,094,584,330,295	66,983,606,350,621	84,398,008,095,245
15/01/2021	9,619,194,851,302,350	1,880,319,819,847,990	1,143,743,383,456,190	67,704,961,961,498	81,827,491,711,891
16/01/2021	9,525,998,400,977,660	1,995,353,902,016,690	1,047,369,105,309,770	70,030,888,328,186	87,021,277,191,566
17/01/2021	9,424,524,338,331,820	1,990,144,545,543,990	1,130,483,198,071,020	71,661,930,675,599	92,086,285,643,635
18/01/2021	9,599,265,223,786,560	2,024,408,583,810,890	1,122,673,282,393,430	72,133,392,569,311	90,976,431,804,115
19/01/2021	9,472,344,702,308,550	2,222,472,352,363,240	276,557,743,646,404	72,462,929,349,418	93,478,758,810,080
20/01/2021	9,343,125,239,373,120	2,232,547,894,689,020	1,187,009,242,792,390	74,508,655,316,308	93,009,746,451,875
21/01/2021	8,040,399,075,143,280	1,797,838,771,960,980	1,149,710,183,334,160	75,154,348,553,499	83,717,808,448,766
22/01/2021	8,577,063,003,551,590	1,974,858,130,940,170	64,549,969,086,324	76,152,046,041,737	88,175,892,590,296
23/01/2021	8,412,743,774,387,180	1,984,927,202,779,910	63,604,553,955,291	77,537,389,963,016	88,920,734,592,888
24/01/2021	8,425,124,710,370,330	2,231,944,174,223,080	224,485,015,125,943	77,414,867,873,768	90,745,761,877,639
25/01/2021	8,450,467,640,385,500	2,125,646,916,114,500	1,123,327,332,621,240	76,755,451,399,949	90,238,757,424,698
26/01/2021	8,497,508,427,762,000	2,176,620,833,506,760	223,408,324,448,666	75,344,013,571,054	90,323,249,155,825
27/01/2021	7,965,445,106,740,900	2,016,632,634,841,470	1,121,948,069,917,950	76,858,487,013,503	89,088,918,613,900
28/01/2021	8,751,817,257,850,260	2,142,527,149,905,600	904,537,470,592,341	78,818,590,302,515	92,337,852,474,112
29/01/2021	9,016,219,796,786,260	2,233,534,453,594,760	98,053,040,341,619	81,896,807,504,263	93,470,841,461,308
30/01/2021	8,951,421,405,175,620	2,210,385,481,059,680	99,314,070,109,096	81,569,337,444,441	97,085,081,129,835
31/01/2021	8,648,832,005,934,380	2,112,131,711,934,370	1,208,056,124,745,430	82,340,271,439,580	95,994,555,992,835
01/02/2021	8,762,724,477,992,210	2,199,994,823,077,610	1,028,126,454,107,580	81,836,039,979,771	111,930,078,882,123
02/02/2021	9,272,676,001,614,120	2,433,554,863,582,060	890,979,367,599,742	82,868,326,133,093	110,662,176,527,029
03/02/2021	9,772,660,494,211,060	2,664,421,941,017,420	213,673,263,168,513	84,425,105,401,413	113,085,432,807,404
04/02/2021	9,618,055,629,828,220	2,555,238,636,358,510	887,489,092,970,870	85,023,230,323,711	120,896,902,853,951
05/02/2021	9,956,751,777,282,710	2,759,831,946,174,940	1,116,015,951,877,930	88,090,169,574,470	146,973,250,963,188
06/02/2021	10,243,357,853,365,800	2,692,854,709,186,250	1,048,544,966,929,910	88,960,705,462,101	157,458,583,736,203



Hak Cipta Dititik

07/02/2021	10,149,305,478,818,600	2,591,058,969,629,360	1,005,812,418,737,550	90,214,137,758,405	148,489,366,556,449
08/02/2021	12,053,288,180,438,200	2,804,042,587,492,190	73,143,376,277,507	90,219,470,985,152	172,834,009,908,457
09/02/2021	12,117,298,930,582,700	2,836,232,966,722,090	199,928,394,084,221	91,854,067,314,448	233,392,087,856,063
10/02/2021	11,741,918,296,357,500	2,805,918,503,241,150	981,071,195,726,930	94,511,134,927,037	281,382,707,760,878
11/02/2021	12,488,376,499,214,000	2,861,645,412,927,260	988,720,939,774,468	95,620,755,350,950	269,106,455,426,541
12/02/2021	12,374,236,998,230,000	2,955,603,781,529,180	987,599,949,792,872	96,080,526,028,514	295,947,406,746,056
13/02/2021	12,274,350,710,468,900	2,909,605,606,522,740	252,984,137,675,720	99,460,404,133,095	288,476,066,942,628
14/02/2021	12,681,214,737,032,000	2,892,328,721,144,170	1,125,137,526,255,610	101,801,080,211,717	294,583,950,202,846
15/02/2021	12,493,315,912,434,200	2,854,991,244,560,900	1,106,587,100,172,360	101,904,360,265,093	280,054,200,734,026
16/02/2021	12,785,430,088,051,500	2,849,492,286,512,340	63,935,313,719,855	101,630,879,737,121	280,335,193,756,745
17/02/2021	13,646,285,293,768,700	2,978,143,391,057,830	66,830,143,179,888	102,306,747,164,208	357,402,119,694,715
18/02/2021	13,493,841,259,308,100	3,114,891,146,863,540	1,117,414,171,249,100	102,098,490,900,144	424,301,952,964,581
19/02/2021	14,593,349,676,344,800	3,151,772,036,726,160	63,515,968,943,149	102,098,462,460,726	720,293,136,018,760
20/02/2021	14,705,036,470,049,500	3,098,554,791,754,150	130,907,554,196,769	106,579,746,493,273	556,387,952,818,066
21/02/2021	15,083,324,037,609,300	3,124,859,080,615,840	990,909,967,706,184	108,849,984,564,954	638,926,202,119,993
22/02/2021	14,223,811,316,457,000	2,879,933,495,948,030	904,188,349,835,743	110,671,723,427,164	582,058,607,564,057
23/02/2021	12,842,807,198,752,600	2,544,085,560,626,940	63,355,263,276,262	112,654,250,615,718	503,820,415,763,654
24/02/2021	13,094,566,337,447,400	2,639,625,768,323,520	1,142,575,503,838,960	114,958,005,209,150	555,601,971,444,212
25/02/2021	12,378,082,357,706,400	2,389,446,776,318,290	239,733,895,968,701	117,445,990,543,719	509,682,036,720,041
26/02/2021	12,234,887,127,970,100	2,352,144,637,266,150	974,510,156,976,893	121,742,356,921,732	485,242,406,874,573
27/02/2021	12,342,724,256,288,000	2,403,751,939,926,060	94,882,240,604,867	124,132,480,896,208	499,003,121,201,290
28/02/2021	12,062,473,393,275,100	2,331,707,559,745,110	887,816,365,959,116	127,552,623,293,169	464,277,647,905,495
01/03/2021	13,212,424,486,173,600	2,566,797,693,941,430	904,077,239,187,029	126,608,162,255,782	561,901,647,539,648
02/03/2021	12,853,520,055,349,500	2,443,840,981,167,050	1,109,942,220,263,460	124,738,462,153,880	527,490,316,608,281
03/03/2021	13,433,672,691,656,700	2,581,551,380,907,150	269,202,003,837,319	123,608,555,145,346	531,174,354,840,150
04/03/2021	12,921,394,211,975,300	2,528,738,569,995,410	100,588,081,404,985	123,525,405,116,129	507,115,451,593,270
05/03/2021	13,018,696,851,185,100	2,514,722,914,499,580	907,540,205,364,129	123,783,822,079,082	499,207,811,729,200



Hak Ciptaan Dilindungi

06/03/2021	13,132,804,744,326,200	2,738,744,363,960,010	241,063,979,097,288	127,040,463,038,598	504,365,647,793,257
07/03/2021	13,749,474,096,743,500	2,852,306,616,045,380	64,869,542,782,728	129,148,461,406,099	534,432,562,331,605
08/03/2021	13,912,925,714,119,700	3,012,132,727,709,570	243,838,171,704,258	127,577,968,635,790	530,303,073,172,571
09/03/2021	14,675,304,845,064,100	3,083,010,624,759,510	1,040,269,868,577,040	128,929,978,541,065	650,914,015,193,459
10/03/2021	15,044,751,779,292,900	2,979,910,226,198,670	1,097,125,281,888,950	129,151,532,004,060	621,763,290,404,634
11/03/2021	15,514,693,706,841,900	3,022,429,812,444,310	1,153,343,475,869,140	131,391,862,307,932	644,428,926,164,942
12/03/2021	15,371,606,192,281,500	2,930,026,774,807,750	905,855,117,893,713	131,320,804,342,328	585,733,647,666,620
13/03/2021	16,440,369,191,411,200	3,186,441,544,978,560	1,097,853,863,029,710	133,352,410,634,436	614,044,031,253,153
14/03/2021	15,920,217,987,251,900	3,070,716,549,652,990	1,084,832,255,623,290	133,498,269,475,552	588,539,837,001,056
15/03/2021	14,961,222,382,280,500	2,957,432,662,533,940	95,820,496,072,553	133,947,118,320,569	564,531,297,980,092
16/03/2021	15,266,447,332,972,500	2,995,591,487,570,610	971,225,755,728,728	133,658,127,599,090	574,574,086,893,731
17/03/2021	15,853,405,715,882,700	3,029,188,750,225,760	895,641,157,518,770	134,992,048,087,694	601,918,309,284,241
18/03/2021	15,552,579,764,996,900	2,956,571,102,221,900	984,513,735,891,795	136,607,570,654,251	582,649,879,739,230
19/03/2021	15,710,599,984,585,200	3,019,602,940,750,070	277,426,426,589,526	140,951,368,775,020	588,866,647,684,044
20/03/2021	15,638,520,275,721,000	2,999,399,183,657,520	1,108,368,742,297,040	141,551,810,639,791	587,986,980,114,194
21/03/2021	15,427,420,860,764,800	2,959,340,525,992,670	1,117,777,089,787,190	142,546,032,353,714	588,307,879,046,082
22/03/2021	14,663,407,284,593,600	2,806,661,235,234,990	206,113,348,832,700	144,627,356,091,421	569,837,543,774,174
23/03/2021	14,734,980,552,676,100	2,788,663,291,426,060	901,984,554,659,744	145,550,234,703,406	569,925,415,493,358
24/03/2021	14,242,448,640,438,400	2,654,007,770,084,990	1,093,831,520,235,220	147,024,970,977,939	558,307,784,004,125
25/03/2021	13,954,364,160,364,100	2,657,555,533,932,860	103,339,744,345,507	149,494,231,748,612	524,863,659,845,923
26/03/2021	14,877,865,598,880,900	2,836,227,403,798,990	1,140,822,023,044,710	153,075,369,299,557	569,902,443,993,559
27/03/2021	15,061,257,138,709,800	2,851,151,108,032,120	1,147,842,829,282,650	153,625,797,969,912	599,460,046,059,045
28/03/2021	15,055,958,260,710,800	2,809,726,010,446,730	1,122,738,777,938,720	155,236,712,325,666	599,658,244,203,104
29/03/2021	15,544,186,896,932,500	3,023,900,388,633,930	1,086,341,484,311,790	152,195,541,161,867	613,205,172,265,548
30/03/2021	15,901,391,026,056,900	3,076,202,400,980,290	63,525,146,578,755	154,292,824,393,035	695,732,597,755,638
31/03/2021	16,007,334,279,291,100	3,218,179,040,807,330	1,010,569,843,613,800	155,076,500,905,249	679,263,885,579,959
01/04/2021	16,073,787,562,457,900	3,321,023,197,823,860	257,852,434,862,092	155,005,760,185,766	754,632,138,886,401



Hak Cipta Dilindungi Undang-Undang

02/04/2021	16,149,319,509,797,100	3,599,358,133,687,420	278,079,478,312,961	155,756,766,343,878	763,002,232,333,248
03/04/2021	15,636,248,125,392,800	3,400,520,779,445,540	63,431,648,355,656	154,823,412,542,468	725,901,065,356,809
04/04/2021	15,950,471,183,087,800	3,509,403,884,238,690	1,089,482,155,287,170	158,234,441,623,330	789,904,198,496,067
05/04/2021	16,019,556,806,556,900	3,531,700,976,473,160	986,209,364,567,145	156,947,759,176,048	825,508,970,361,835
06/04/2021	15,732,668,420,198,000	3,537,809,127,869,970	907,493,617,582,885	155,104,870,054,159	902,873,535,954,433
07/04/2021	15,144,269,161,274,200	3,290,080,231,921,910	1,143,309,603,540,900	156,044,053,224,502	837,614,253,954,257
08/04/2021	15,868,060,824,847,800	3,510,587,897,341,610	1,206,734,201,118,930	159,395,813,820,932	941,021,306,619,747
09/04/2021	15,883,991,004,814,000	3,491,375,629,208,250	1,158,601,098,779,250	159,230,622,022,507	1,022,483,135,429,600
10/04/2021	16,323,791,224,778,000	3,603,038,405,573,060	209,520,518,480,059	160,107,065,940,515	1,067,305,161,794,140
11/04/2021	16,436,440,467,437,600	3,639,973,887,498,390	73,323,229,793,016	161,714,936,473,692	1,186,573,430,137,810
12/04/2021	16,296,684,611,670,400	3,597,267,819,214,320	1,187,011,628,816,600	157,187,321,302,712	1,347,614,058,815,660
13/04/2021	17,347,489,599,788,300	3,881,636,562,448,500	1,207,990,735,838,050	158,270,399,888,488	1,241,867,829,834,580
14/04/2021	17,243,296,875,507,400	4,112,198,225,689,440	1,189,134,178,540,870	164,827,288,274,959	1,242,066,722,311,570
15/04/2021	17,290,641,090,257,500	4,252,239,221,315,630	98,327,791,949,246	165,323,068,611,021	1,225,666,937,215,930
16/04/2021	16,745,191,530,697,200	4,088,342,009,321,080	67,680,326,633,097	164,745,565,956,067	1,139,451,379,978,760
17/04/2021	16,528,604,900,252,500	3,948,347,716,756,310	268,223,066,687,663	166,551,410,261,996	1,163,959,590,126,590
18/04/2021	15,312,342,619,652,200	3,767,348,270,284,070	1,122,295,018,602,180	164,836,988,784,883	1,075,877,046,469,360
19/04/2021	15,166,659,686,474,400	3,645,359,851,803,580	901,514,239,540,448	164,683,611,899,986	1,128,779,164,192,070
20/04/2021	15,320,289,933,925,400	3,908,887,356,959,240	293,913,768,189,708	164,153,590,922,215	1,307,553,505,949,620
21/04/2021	14,650,818,583,492,000	3,974,449,726,973,480	283,646,447,186,564	164,462,937,456,138	1,218,412,466,086,460
22/04/2021	14,036,961,523,465,700	4,030,952,367,842,740	1,153,904,102,824,640	163,149,185,860,554	1,126,573,547,945,900
23/04/2021	13,897,560,252,033,200	3,976,234,605,719,490	892,416,428,906,696	163,627,271,113,655	1,175,824,771,299,290
24/04/2021	13,578,230,653,129,300	3,711,105,721,723,240	1,121,141,874,703,010	163,205,210,198,593	1,105,543,895,970,480
25/04/2021	13,294,963,123,032,200	3,886,798,835,234,230	988,909,057,075,940	163,223,750,188,934	1,124,834,625,093,530
26/04/2021	14,667,250,441,662,100	4,256,885,253,883,040	912,527,751,176,164	163,308,767,015,547	1,191,382,566,207,260
27/04/2021	14,878,467,707,378,600	4,453,855,157,458,160	1,123,941,125,638,110	162,598,659,509,613	1,261,484,264,733,020
28/04/2021	14,877,738,438,263,100	4,611,087,867,282,150	1,168,150,980,782,950	163,245,041,811,166	1,253,152,069,612,500



Hak Cipta

29/04/2021	14,477,259,949,239,600	4,611,249,984,669,140	204,136,016,391,086	162,601,276,431,889	1,330,532,737,084,570
30/04/2021	15,600,689,993,328,800	4,635,730,128,233,870	1,122,438,665,512,790	207,749,554,827,305	1,383,604,480,155,700
01/05/2021	15,615,079,172,147,200	4,922,656,285,486,240	97,142,014,281,382	207,720,253,571,830	1,372,464,356,590,080
02/05/2021	15,292,826,279,865,500	4,933,527,154,587,910	978,943,124,034,381	207,677,615,491,611	1,378,566,702,431,350
03/05/2021	15,450,199,694,556,500	5,735,802,498,972,400	94,385,216,409,253	207,747,636,477,360	1,497,578,224,249,890
04/05/2021	14,413,593,059,607,700	5,442,396,469,806,550	64,602,659,671,018	207,866,342,803,937	1,355,307,896,082,720
05/05/2021	15,555,319,058,741,700	5,906,752,954,483,940	973,446,501,848,243	208,324,683,010,880	1,448,329,406,655,830
06/05/2021	15,187,631,149,772,400	5,819,391,051,997,070	1,101,901,195,177,030	207,082,020,453,719	1,399,166,767,511,470
07/05/2021	15,326,915,049,216,500	5,764,637,270,014,420	1,072,648,080,411,400	205,476,623,679,340	1,369,179,250,892,950
08/05/2021	15,542,727,282,329,500	6,386,104,694,310,820	76,161,615,092,143	203,220,071,199,341	1,400,899,692,609,010
09/05/2021	15,392,659,466,820,000	6,429,719,375,941,970	293,556,918,765,577	203,223,825,624,889	1,435,868,487,292,360
10/05/2021	14,926,628,986,545,400	6,539,049,793,411,560	63,376,638,346,129	205,421,934,137,544	1,383,775,691,892,210
11/05/2021	15,061,745,349,473,400	6,856,246,952,574,780	1,058,535,335,592,770	204,212,288,383,228	1,464,701,238,728,290
12/05/2021	13,046,169,154,542,400	6,222,601,195,442,770	93,713,061,294,685	204,044,001,341,323	1,280,414,818,602,970
13/05/2021	13,345,717,632,869,500	6,175,921,299,499,010	891,577,266,108,124	206,286,672,583,210	1,257,965,611,850,260
14/05/2021	13,398,589,832,600,400	6,785,794,553,816,270	1,122,074,228,917,650	206,440,918,286,607	1,328,546,460,501,060
15/05/2021	12,490,427,744,832,700	6,018,991,976,725,490	1,117,756,771,224,340	205,308,204,772,189	1,233,282,352,514,750
16/05/2021	12,409,741,168,332,000	5,935,941,133,008,560	1,099,525,082,000,110	205,321,611,971,683	1,232,818,404,648,770
17/05/2021	11,566,926,452,292,000	5,401,998,498,721,470	1,139,922,457,008,560	204,186,185,681,107	1,115,263,852,835,610
18/05/2021	11,518,305,667,779,100	5,620,916,153,152,850	63,567,073,295,809	206,280,686,184,436	1,118,119,429,900,010
19/05/2021	9,917,063,351,298,470	4,085,948,259,278,930	905,054,870,107,642	205,932,365,067,085	744,978,756,132,998
20/05/2021	10,983,915,809,968,600	4,646,563,563,841,040	208,890,760,867,620	206,934,405,657,737	869,178,181,144,290
21/05/2021	10,015,103,603,451,400	4,043,853,722,925,950	1,195,313,558,669,420	206,384,508,578,670	718,229,106,798,798
22/05/2021	10,092,580,142,012,100	3,825,600,798,569,810	97,898,188,587,892	206,776,496,856,199	660,250,136,164,669
23/05/2021	9,348,865,132,514,300	3,515,846,663,140,400	94,291,360,738,288	206,696,928,750,980	579,657,908,403,478
24/05/2021	10,397,574,676,470,400	4,402,361,207,674,470	939,164,401,482,791	296,008,203,963,822	760,539,045,701,165
25/05/2021	10,299,135,728,592,300	4,499,359,339,907,130	1,094,259,699,847,390	299,848,626,007,536	756,477,048,401,927



Hak Cipta Dititik

26/05/2021	10,548,062,825,511,800	4,806,801,403,413,870	1,200,575,763,182,810	309,308,790,054,635	835,780,553,739,504
27/05/2021	10,299,224,272,600,100	4,545,603,531,049,450	975,634,191,244,305	315,386,508,353,249	807,440,635,380,668
28/05/2021	9,588,455,269,118,600	4,029,803,829,989,280	891,319,223,579,080	317,115,823,813,242	726,209,595,613,280
29/05/2021	9,271,420,078,966,240	3,785,478,934,242,890	1,151,235,927,773,240	318,041,684,591,012	669,611,590,402,121
30/05/2021	9,556,340,979,178,080	3,969,925,725,225,060	286,081,423,098,774	320,773,479,206,876	715,119,550,670,924
31/05/2021	9,984,973,380,254,610	4,502,831,135,571,850	973,438,930,778,505	323,248,912,512,713	776,606,914,618,069
01/06/2021	9,810,521,011,282,250	4,367,568,467,179,130	892,218,365,619,415	323,740,242,862,921	795,030,127,923,836
02/06/2021	10,051,449,006,128,300	4,489,529,169,011,060	1,141,984,815,957,320	325,622,341,957,569	879,528,476,049,904
03/06/2021	10,466,000,743,543,800	4,726,908,133,125,390	1,186,413,922,398,010	325,766,674,438,748	935,662,671,614,970
04/06/2021	9,898,878,420,289,430	4,473,762,273,484,200	1,123,625,255,791,250	328,042,095,950,232	860,390,143,558,375
05/06/2021	9,484,886,447,528,480	4,353,483,040,042,440	1,122,126,033,270,980	326,411,496,070,322	853,392,924,299,175
06/06/2021	9,568,194,425,691,980	4,493,877,845,314,110	1,207,940,322,833,870	327,702,630,031,532	860,799,105,179,739
07/06/2021	8,985,450,487,797,260	4,302,586,304,550,940	1,121,162,200,911,360	330,055,196,441,807	783,696,811,186,018
08/06/2021	8,932,070,361,223,320	4,167,987,511,336,410	890,066,552,079,175	330,003,046,820,213	773,818,728,234,237
09/06/2021	9,990,349,589,194,430	4,329,491,423,476,890	95,094,787,434,733	332,090,055,661,410	823,346,615,279,082
10/06/2021	9,815,468,880,175,340	4,101,553,277,823,510	234,396,054,180,457	331,366,984,718,160	771,470,815,734,010
11/06/2021	9,964,640,630,536,100	3,898,713,400,254,270	987,348,838,061,392	334,005,473,999,791	756,252,380,720,673
12/06/2021	9,473,442,502,929,600	3,923,533,040,041,450	101,750,113,723,415	335,706,205,088,172	750,190,551,721,826
13/06/2021	10,418,591,545,707,200	4,148,769,474,200,010	938,890,069,060,907	336,271,583,337,010	800,185,502,142,655
14/06/2021	10,691,163,797,119,900	4,187,417,005,664,320	65,544,949,859,196	335,936,026,157,512	802,895,965,810,566
15/06/2021	10,803,951,857,256,500	4,333,552,312,152,060	93,744,093,353,507	339,008,923,093,394	818,004,377,886,950
16/06/2021	10,234,059,932,064,100	3,922,812,175,517,470	1,112,234,462,997,710	341,083,278,701,668	758,427,633,020,572
17/06/2021	10,318,277,638,643,100	3,993,198,700,956,030	1,123,565,864,644,780	346,310,972,849,277	783,201,372,804,898
18/06/2021	9,766,799,970,090,860	3,781,738,010,035,860	931,683,548,858,955	352,491,296,582,064	752,659,662,870,293
19/06/2021	9,670,304,750,035,920	3,672,944,328,522,790	73,459,277,881,739	353,296,695,463,571	746,345,366,827,149
20/06/2021	9,693,024,423,814,310	3,787,800,797,451,740	99,344,074,712,588	354,128,668,226,769	756,025,791,791,341
21/06/2021	8,533,410,816,993,360	3,159,489,490,670,090	1,050,752,565,955,390	359,206,768,990,956	597,683,718,568,581



Hak Cipta Dititik

22/06/2021	8,769,947,239,425,960	3,141,914,819,699,340	910,115,484,894,875	361,710,526,554,363	578,321,067,197,074
23/06/2021	9,131,583,355,694,100	3,346,626,459,749,200	1,105,591,469,727,550	367,047,006,445,201	652,845,974,713,982
24/06/2021	9,375,207,420,679,780	3,340,980,415,936,070	1,054,607,136,093,350	367,835,596,018,616	682,863,894,409,049
25/06/2021	8,573,783,009,093,020	3,052,712,783,889,990	98,915,806,145,248	370,792,790,794,950	624,765,621,499,865
26/06/2021	8,721,863,179,580,540	3,079,753,723,101,220	888,682,982,769,502	372,252,713,058,270	619,865,146,461,833
27/06/2021	9,389,592,195,762,380	3,332,071,437,698,410	1,011,119,554,823,690	372,887,515,257,349	644,552,066,688,298
28/06/2021	9,310,451,893,178,340	3,494,280,873,211,440	967,125,686,793,289	367,248,576,270,100	640,812,920,799,516
29/06/2021	9,738,413,471,481,500	3,645,978,520,559,800	274,181,344,605,188	365,694,197,240,859	667,189,783,151,695
30/06/2021	9,569,749,950,473,180	3,860,829,360,508,350	1,163,209,222,190,130	366,599,891,597,854	677,981,300,659,512
01/07/2021	9,154,181,024,426,380	3,582,289,332,747,290	1,205,411,586,004,810	366,741,722,266,643	643,242,633,758,533
02/07/2021	9,285,143,312,451,310	3,661,051,659,502,310	1,187,400,173,715,240	371,109,453,973,032	644,387,097,932,578
03/07/2021	9,397,835,608,120,240	3,751,494,757,897,490	980,639,349,522,906	368,781,747,034,226	661,660,113,420,514
04/07/2021	9,566,074,423,947,290	3,913,067,557,274,290	1,159,430,480,326,580	368,887,970,794,045	682,725,393,978,368
05/07/2021	9,194,902,536,312,540	3,724,747,656,160,200	1,122,107,279,295,120	371,275,132,078,885	674,249,364,726,705
06/07/2021	9,291,971,788,594,140	3,923,342,534,176,970	279,311,332,631,323	371,639,070,640,238	712,814,250,158,581
07/07/2021	9,215,051,614,981,440	3,918,703,552,343,620	1,153,098,562,122,440	374,759,177,757,536	729,488,552,706,572
08/07/2021	8,946,975,823,376,220	3,587,911,016,536,610	896,490,128,188,161	376,307,474,028,077	691,236,018,275,066
09/07/2021	9,226,818,666,545,480	3,644,872,139,107,140	1,030,409,783,811,650	379,680,525,569,241	706,938,492,894,413
10/07/2021	9,106,907,566,919,860	3,567,870,758,907,940	1,049,049,517,685,090	378,024,171,248,932	702,722,834,177,313
11/07/2021	9,302,815,256,826,050	3,616,040,739,623,970	981,991,910,426,947	378,604,956,369,568	715,818,634,491,155
12/07/2021	9,029,892,572,758,740	3,450,604,545,267,340	971,618,697,386,855	381,952,190,431,550	704,804,569,451,645
13/07/2021	8,899,033,899,796,820	3,284,429,759,318,820	1,141,761,798,476,150	384,054,855,105,881	687,464,734,171,688
14/07/2021	8,952,657,136,067,300	3,384,353,595,627,420	904,644,049,545,809	387,811,145,593,801	690,361,191,827,521
15/07/2021	8,630,511,134,214,460	3,229,236,770,028,500	64,424,948,403,774	381,158,570,229,962	700,269,044,795,067
16/07/2021	8,564,918,980,456,810	3,189,310,631,245,380	976,519,559,289,642	384,103,974,373,018	675,525,805,174,341
17/07/2021	8,572,635,346,306,720	3,212,299,616,300,170	981,911,744,990,962	385,360,600,060,091	668,178,940,287,985
18/07/2021	8,644,760,354,998,000	3,207,127,041,363,280	1,190,432,472,567,880	386,245,932,529,961	742,728,597,711,914



Hak Cipta Dititik

19/07/2021	8,395,737,434,339,090	3,081,201,611,784,350	95,515,404,267,756	387,203,737,103,605	683,671,491,567,183
20/07/2021	8,159,234,881,565,860	3,045,392,605,432,010	990,315,946,473,660	390,638,892,193,828	649,531,638,585,658
21/07/2021	8,767,846,169,583,300	3,383,802,163,916,370	1,056,724,969,422,630	391,250,976,320,851	715,779,758,333,224
22/07/2021	8,775,799,892,196,130	3,423,745,173,581,290	980,019,066,998,357	390,059,075,364,401	714,607,169,518,722
23/07/2021	9,140,355,732,993,030	3,600,224,771,283,300	1,146,810,394,442,430	391,170,090,031,153	729,904,674,752,119
24/07/2021	9,315,027,230,622,940	3,702,180,880,327,980	76,672,300,207,127	390,820,546,054,748	735,185,152,231,354
25/07/2021	9,602,842,521,548,880	3,706,246,505,446,590	973,201,174,920,104	391,473,335,620,101	736,071,796,852,424
26/07/2021	10,155,659,330,346,600	3,782,322,798,598,300	64,523,553,651,703	393,210,396,886,920	741,949,411,053,192
27/07/2021	10,746,009,501,650,700	3,902,553,351,119,620	1,099,560,828,134,760	395,263,305,620,320	766,101,379,449,391
28/07/2021	10,889,487,860,766,400	3,893,621,889,595,420	972,127,040,636,649	396,063,113,354,094	764,432,717,610,983
29/07/2021	10,861,172,237,355,500	4,025,221,194,067,510	1,126,172,824,016,940	393,614,596,533,760	770,241,898,680,978
30/07/2021	11,446,005,452,948,500	4,163,661,573,796,240	1,096,594,147,336,120	393,949,112,081,918	783,822,975,254,670
31/07/2021	11,308,093,497,372,200	4,291,129,012,269,160	130,593,353,219,507	395,544,922,399,899	811,563,167,862,001
01/08/2021	10,860,086,508,722,800	4,335,004,556,094,930	904,182,330,839,418	396,810,193,468,893	811,403,593,901,271
02/08/2021	10,644,471,781,712,400	4,414,694,456,985,590	975,216,144,531,645	396,460,980,242,059	805,147,619,259,503
03/08/2021	10,292,789,294,654,300	4,205,288,616,321,520	524,676,895,406,883	394,695,114,057,378	779,721,549,239,085
04/08/2021	10,685,903,883,364,900	4,563,309,459,511,210	1,149,840,392,087,140	393,741,365,824,743	806,292,885,408,753
05/08/2021	11,004,349,760,893,900	4,742,842,937,476,330	1,183,121,041,155,410	395,730,653,457,709	814,605,719,132,882
06/08/2021	11,573,306,681,974,600	4,868,678,842,602,580	253,047,051,287,176	396,462,081,609,606	828,042,169,734,507
07/08/2021	12,042,771,011,805,000	5,317,180,922,876,330	889,127,586,901,819	397,225,559,938,798	860,871,848,157,876
08/08/2021	11,838,603,363,009,600	5,076,085,287,573,740	1,045,320,390,316,310	398,518,227,177,161	827,775,304,567,382
09/08/2021	12,498,388,182,028,700	5,321,476,673,492,690	283,494,784,685,418	400,438,432,156,472	856,611,841,135,160
10/08/2021	12,331,136,488,079,200	5,296,365,289,462,910	973,519,533,173,055	403,204,658,241,416	900,706,760,080,073
11/08/2021	12,326,273,835,648,600	5,331,623,286,165,420	988,150,712,280,693	402,695,973,577,170	948,060,480,069,557
12/08/2021	12,007,542,678,069,400	5,126,820,962,135,920	209,029,017,222,276	400,584,762,422,145	933,362,658,099,740
13/08/2021	12,913,285,791,778,600	5,595,216,772,415,400	1,160,341,398,740,330	398,247,051,785,989	993,808,889,403,834
14/08/2021	12,708,614,455,717,200	5,492,797,994,005,730	976,302,548,971,182	397,999,967,675,961	987,850,364,058,393



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15/08/2021	12,695,873,610,076,700	5,569,234,274,132,640	1,123,280,311,455,470	397,113,893,701,193	1,001,279,492,983,370
16/08/2021	12,435,971,979,688,200	5,319,646,792,475,180	1,146,872,214,869,720	394,545,430,299,398	1,009,907,962,828,700
17/08/2021	12,066,123,137,408,200	5,074,494,741,561,690	1,100,488,257,715,410	394,503,986,575,597	970,922,545,378,711
18/08/2021	12,143,427,322,423,300	5,104,155,023,743,590	99,315,026,036,494	396,548,583,710,391	965,919,858,563,424
19/08/2021	12,643,558,497,942,100	5,371,142,545,795,560	293,548,813,933,477	393,366,970,043,498	1,043,676,253,766,200
20/08/2021	13,440,914,057,088,800	5,583,871,202,426,890	1,186,919,637,138,430	391,039,435,295,510	1,108,853,470,384,160
21/08/2021	13,238,328,058,894,000	5,446,076,338,340,600	1,043,807,604,417,320	388,675,336,375,793	1,087,193,001,670,650
22/08/2021	13,351,677,121,230,500	5,473,772,118,119,700	1,207,071,425,161,040	388,596,885,367,448	1,087,515,685,511,190
23/08/2021	13,459,254,074,314,800	5,623,830,507,972,340	897,817,024,135,718	389,533,604,369,165	1,214,774,691,198,950
24/08/2021	12,907,885,761,964,600	5,354,087,221,600,060	1,201,584,759,804,000	388,468,697,463,487	1,141,402,050,627,870
25/08/2021	13,259,032,757,480,900	5,447,744,110,933,290	973,508,460,549,130	389,753,937,830,673	1,217,899,035,760,590
26/08/2021	12,718,601,726,378,900	5,240,195,903,041,240	1,094,954,360,799,310	389,119,279,953,742	1,160,807,818,624,020
27/08/2021	13,326,137,857,058,700	5,542,550,395,664,390	291,709,392,458,462	392,231,368,536,411	1,201,370,138,178,110
28/08/2021	13,168,314,379,795,100	5,450,760,683,136,130	1,070,330,391,001,240	388,681,114,179,230	1,170,884,746,092,520
29/08/2021	13,149,472,417,948,200	5,422,150,895,711,270	72,093,315,527,406	390,014,625,087,301	1,156,642,570,988,210
30/08/2021	12,756,260,035,002,200	5,454,348,774,576,350	287,254,193,762,288	395,093,873,013,120	1,113,919,600,700,110
31/08/2021	12,743,211,928,130,300	5,789,209,179,787,190	1,059,287,642,241,890	393,838,682,142,310	1,121,998,052,823,870
01/09/2021	13,090,483,523,555,400	6,413,648,816,253,910	893,627,566,689,654	392,026,500,438,449	1,174,346,298,138,530
02/09/2021	13,243,561,299,409,600	6,352,359,463,949,030	1,199,802,708,729,960	392,582,381,644,160	1,161,679,222,829,310
03/09/2021	13,436,140,793,200,200	6,606,095,929,863,430	976,226,015,831,732	394,512,590,303,097	1,173,324,238,336,240
04/09/2021	13,386,283,147,903,900	6,504,335,896,164,770	892,798,928,849,209	394,356,153,224,879	1,193,502,169,643,500
05/09/2021	13,871,815,775,065,300	6,612,680,262,630,110	583,825,080,530,704	396,151,633,377,036	1,209,176,860,948,240
06/09/2021	14,119,518,936,945,600	6,578,807,387,937,040	977,795,276,053,608	396,619,516,013,442	1,189,267,201,326,660
07/09/2021	12,532,489,085,861,100	5,727,035,211,368,890	1,098,637,480,802,530	399,592,956,277,887	999,166,012,749,423
08/09/2021	12,346,208,112,369,300	5,849,001,455,342,060	1,054,387,851,883,300	407,275,868,088,369	993,900,539,870,173
09/09/2021	12,461,046,247,938,200	5,748,271,220,008,210	1,096,018,946,690,520	412,447,333,701,590	1,011,393,650,654,690
10/09/2021	12,042,024,745,810,000	5,380,347,836,660,080	1,096,492,308,395,440	415,589,506,728,392	963,050,199,297,738



Hak Ciptaan Dilindungi Undang-Undang

11/09/2021	12,124,956,699,876,600	5,478,152,461,245,520	268,003,281,503,053	416,449,740,311,655	972,186,924,271,595
12/09/2021	12,356,722,323,508,300	5,713,088,379,301,650	890,511,941,752,668	416,600,158,219,352	998,931,308,520,173
13/09/2021	12,015,689,272,530,900	5,483,706,034,131,110	525,179,818,969,837	416,481,565,812,866	953,001,688,392,854
14/09/2021	12,625,705,868,951,400	5,742,442,353,012,420	293,522,032,612,942	416,512,295,431,138	992,399,886,617,965
15/09/2021	12,918,495,770,651,800	6,055,545,579,244,350	1,122,101,968,391,510	416,625,260,141,894	1,033,701,865,255,930
16/09/2021	12,794,465,217,840,100	5,973,569,312,360,190	977,934,619,378,158	415,452,171,054,672	1,015,943,695,344,590
17/09/2021	12,673,628,174,962,200	5,692,750,149,176,920	287,991,097,608,345	417,156,329,376,769	974,122,572,930,352
18/09/2021	12,959,456,130,794,400	5,755,769,381,097,670	985,183,267,067,091	418,798,871,285,402	985,201,791,491,965
19/09/2021	12,686,856,221,785,800	5,584,389,255,655,100	1,159,241,068,913,410	419,962,356,742,061	979,595,636,794,565
20/09/2021	11,473,315,681,343,900	4,951,269,579,074,840	294,841,085,577,940	418,286,054,209,460	865,907,936,514,935
21/09/2021	10,932,563,808,182,100	4,640,925,123,299,510	1,180,758,022,406,100	424,646,154,396,881	826,823,917,024,916
22/09/2021	11,681,797,993,047,700	5,156,579,081,506,280	94,915,291,813,957	427,890,460,713,205	908,629,889,294,605
23/09/2021	12,041,599,798,118,000	5,289,526,950,064,330	1,042,695,661,691,480	432,072,737,787,572	919,509,077,513,860
24/09/2021	11,504,420,708,028,000	4,920,643,237,906,790	1,131,609,079,504,950	437,838,741,563,725	852,226,087,383,477
25/09/2021	11,486,883,909,900,100	4,917,371,248,411,770	1,135,323,450,132,670	440,336,447,576,542	840,281,625,827,567
26/09/2021	11,619,697,295,547,000	5,147,727,054,132,770	1,141,822,093,490,850	444,051,145,211,712	826,596,349,093,183
27/09/2021	11,338,279,642,170,600	4,924,052,281,464,090	894,192,866,957,744	444,130,846,478,875	805,956,733,495,527
28/09/2021	11,004,359,384,042,700	4,706,578,906,617,520	1,122,385,956,849,340	443,887,932,680,195	797,513,205,366,775
29/09/2021	11,206,509,012,156,700	4,809,555,089,446,420	975,883,100,969,353	449,655,029,034,011	885,933,221,882,899
30/09/2021	11,824,256,192,610,400	5,067,725,188,052,230	974,123,009,165,074	451,916,749,833,898	933,166,383,386,068
01/10/2021	12,983,586,659,635,200	5,580,655,652,997,120	1,095,595,903,391,690	456,999,225,620,577	1,015,812,932,411,370
02/10/2021	12,855,821,498,254,600	5,714,828,672,009,500	1,202,050,816,917,240	459,471,198,581,269	1,029,830,503,296,090
03/10/2021	12,988,080,053,013,900	5,760,407,808,774,600	984,701,040,058,451	460,924,820,492,109	1,035,629,145,563,640
04/10/2021	13,234,995,068,200,500	5,696,664,008,065,610	944,725,857,467,111	460,213,948,016,363	1,024,196,705,315,940
05/10/2021	13,844,358,947,865,400	5,914,129,329,585,990	1,052,015,569,758,160	461,807,547,287,565	1,062,024,264,047,540
06/10/2021	14,860,555,129,944,300	6,011,718,653,499,740	1,193,594,470,494,460	462,349,048,905,190	1,043,219,421,537,840
07/10/2021	14,472,204,416,452,700	6,036,748,998,469,610	886,494,516,146,546	466,312,051,377,705	1,053,347,565,376,930



Hak Ciptaan Ditangguhkan

08/10/2021	14,425,249,038,697,700	5,959,057,529,080,560	987,924,274,678,629	466,768,481,947,747	999,836,143,241,310
09/10/2021	14,763,805,739,875,500	6,008,409,341,359,850	1,054,152,962,891,690	469,943,571,367,029	1,010,498,157,574,800
10/10/2021	14,711,779,420,681,200	5,757,238,098,432,830	1,112,874,799,514,850	472,960,153,551,464	970,993,424,549,881
11/10/2021	15,405,036,923,145,600	5,944,750,929,956,380	579,277,863,408,231	472,139,900,042,646	988,770,429,816,350
12/10/2021	14,996,000,839,538,800	5,848,011,969,214,870	973,102,711,480,298	468,170,857,813,869	1,059,884,657,620,470
13/10/2021	15,384,250,655,873,300	6,048,076,967,817,950	905,597,302,145,949	466,630,254,581,045	1,125,792,563,603,220
14/10/2021	15,327,632,440,689,900	6,335,545,761,920,100	1,185,806,774,921,230	465,479,905,421,884	1,126,193,411,940,190
15/10/2021	16,347,960,930,034,000	6,416,312,534,291,930	1,055,179,338,875,590	461,042,093,185,168	1,121,767,667,897,870
16/10/2021	16,139,676,513,195,500	6,354,517,425,549,890	1,146,727,255,763,330	460,881,778,438,575	1,101,130,266,420,820
17/10/2021	16,315,852,182,317,700	6,382,991,622,190,670	895,448,768,235,886	461,412,214,430,868	1,112,914,079,273,140
18/10/2021	16,452,828,348,248,500	6,224,659,085,315,280	980,083,635,796,931	459,995,848,217,773	1,138,811,047,171,060
19/10/2021	17,113,827,344,425,700	6,464,732,738,161,670	901,234,188,424,993	455,191,259,026,898	1,150,448,962,495,810
20/10/2021	17,540,434,077,130,700	6,915,681,238,887,870	70,623,150,927,453	456,222,586,323,498	1,178,418,843,531,830
21/10/2021	16,558,126,166,239,200	6,756,361,622,699,050	973,620,345,382,591	456,010,815,089,082	1,109,907,687,212,620
22/10/2021	16,186,085,301,154,600	6,629,645,919,189,620	944,628,337,077,897	458,259,598,967,912	1,129,475,411,571,690
23/10/2021	16,470,871,527,883,700	7,008,131,022,556,080	1,141,558,516,260,970	463,679,208,889,415	1,153,402,816,604,300
24/10/2021	16,347,533,799,117,000	6,868,194,602,859,570	568,676,175,476,042	463,906,498,520,052	1,131,390,626,429,440
25/10/2021	16,786,427,321,294,400	7,033,763,667,331,740	971,624,095,935,121	458,852,251,092,848	1,141,706,320,075,880
26/10/2021	16,117,564,679,917,500	6,908,231,641,496,740	294,673,491,594,340	460,429,068,430,933	1,129,117,151,007,500
27/10/2021	15,599,280,548,784,700	6,566,081,165,303,400	931,389,893,398,138	461,091,507,152,960	1,059,442,922,901,640
28/10/2021	16,255,077,452,467,500	7,200,710,096,403,530	970,977,104,070,596	465,372,667,267,393	1,166,964,397,069,190
29/10/2021	16,662,820,521,448,000	7,405,009,780,760,230	883,311,443,221,140	467,096,859,813,815	1,254,370,861,310,600
30/10/2021	16,607,251,303,371,300	7,271,438,948,214,630	95,764,952,372,108	470,475,497,217,939	1,252,935,633,738,790
31/10/2021	16,455,116,671,526,100	7,209,088,891,815,630	295,028,025,043,222	471,987,933,648,630	1,244,494,318,900,390
01/11/2021	16,350,877,642,441,200	7,262,225,065,796,320	260,318,727,040,180	472,780,196,364,070	1,306,671,632,277,280
02/11/2021	17,026,006,371,481,700	7,735,753,411,815,820	986,721,037,291,212	476,165,270,135,519	1,320,340,276,844,970
03/11/2021	17,024,321,657,703,800	7,804,863,399,369,720	1,098,199,848,244,220	481,797,378,802,887	1,359,293,240,213,860



Hak Cipta Dititik

04/11/2021	16,666,269,478,397,400	7,711,202,309,165,300	973,098,889,812,896	484,986,578,337,129	1,342,306,055,557,600
05/11/2021	16,619,465,531,632,400	7,644,085,885,391,540	269,140,848,537,410	489,156,357,806,396	1,463,203,022,122,700
06/11/2021	16,622,042,974,250,900	7,655,633,010,536,100	908,992,549,735,315	490,169,648,702,517	1,519,401,057,487,380
07/11/2021	17,109,052,861,648,600	7,824,103,585,035,980	1,036,054,159,559,560	491,793,288,611,738	1,553,653,387,516,390
08/11/2021	18,281,633,192,646,400	8,161,058,053,927,360	1,191,372,054,750,280	492,459,461,431,187	1,565,121,730,920,470
09/11/2021	18,011,995,121,549,100	7,982,802,433,210,140	1,125,443,375,212,670	493,816,765,817,731	1,510,192,231,070,300
10/11/2021	17,487,625,589,728,200	7,819,812,030,762,230	1,120,021,202,595,910	490,620,755,351,775	1,463,383,020,429,730
11/11/2021	17,532,702,374,448,700	8,005,332,832,530,410	1,065,531,089,487,190	492,365,790,896,852	1,502,969,560,144,390
12/11/2021	17,266,917,496,500,600	7,875,329,522,115,390	974,657,444,033,094	490,605,938,448,428	1,490,705,065,770,360
13/11/2021	17,534,348,659,577,600	7,810,957,664,810,450	1,096,262,503,262,290	488,928,504,093,953	1,538,867,002,628,300
14/11/2021	17,039,274,085,414,000	7,769,671,490,144,330	978,370,270,381,319	488,350,227,565,209	1,540,793,667,298,780
15/11/2021	16,108,419,672,282,700	7,661,789,150,160,410	910,481,916,560,586	488,788,798,323,821	1,499,846,273,136,440
16/11/2021	16,223,565,445,640,600	7,079,823,514,197,060	896,737,714,305,844	488,532,674,402,026	1,395,609,034,106,130
17/11/2021	15,296,163,365,662,100	7,226,509,214,452,160	979,760,870,879,478	490,032,979,111,299	1,372,843,939,310,770
18/11/2021	15,626,279,068,121,500	6,740,370,757,152,470	931,526,451,059,396	489,719,775,904,702	1,263,335,324,777,720
19/11/2021	16,081,763,357,775,800	7,248,743,036,274,320	946,894,765,601,993	490,276,000,134,928	1,381,498,427,261,440
20/11/2021	15,822,030,956,951,000	7,451,972,427,262,080	1,163,905,886,116,060	491,065,337,469,380	1,437,226,245,282,660
21/11/2021	15,159,543,082,777,900	7,215,871,796,265,510	943,421,873,999,561	516,300,090,605,121	1,393,084,628,175,100
22/11/2021	15,502,418,102,201,100	6,907,771,537,016,360	1,206,363,472,995,490	519,582,608,246,755	1,330,317,213,477,430
23/11/2021	15,174,277,723,562,300	7,333,699,399,511,800	1,042,987,292,632,240	523,851,125,743,306	1,406,971,428,423,390
24/11/2021	15,469,183,873,421,500	7,172,380,166,942,130	984,440,382,163,158	524,746,192,215,000	1,384,788,877,273,770
25/11/2021	14,451,955,088,997,900	7,244,305,973,786,570	968,002,627,276,956	532,686,790,394,152	1,440,398,781,424,240
26/11/2021	14,921,755,085,183,700	6,824,046,812,524,920	906,589,665,534,063	541,976,040,940,547	1,394,364,831,026,320
27/11/2021	15,584,891,345,178,000	6,999,028,963,838,260	568,063,452,916,330	550,932,763,116,621	1,443,442,829,578,250
28/11/2021	15,699,397,616,174,600	7,337,323,142,864,530	937,691,729,050,076	553,350,671,708,457	1,469,963,302,992,880
29/11/2021	15,434,986,163,232,100	7,577,122,327,089,470	261,737,904,284,115	554,221,490,790,266	1,497,440,828,915,180
30/11/2021	15,477,141,802,325,600	7,871,473,974,779,960	349,491,470,850,468	554,289,442,263,922	1,488,924,771,303,960



Hak Cipta Dititik

01/12/2021	15,341,431,512,948,500	7,786,998,480,735,770	879,590,115,703,082	556,693,010,723,244	1,499,729,808,294,980
02/12/2021	14,571,815,340,029,800	7,692,884,263,403,430	567,302,790,477,127	561,119,017,606,057	1,485,902,725,591,960
03/12/2021	13,501,443,259,632,100	7,203,973,919,741,190	343,302,579,725,949	562,243,828,626,714	1,427,489,441,976,140
04/12/2021	13,548,332,873,472,100	7,097,601,807,862,840	951,951,173,837,973	579,411,148,618,396	1,378,847,727,053,760
05/12/2021	13,833,164,548,034,400	7,234,062,401,907,410	1,172,111,438,411,570	593,891,108,096,021	1,351,482,438,234,350
06/12/2021	13,826,316,552,715,200	7,484,756,691,826,450	924,012,806,097,133	590,882,589,559,173	1,422,695,021,702,550
07/12/2021	13,739,717,958,530,300	7,389,372,452,716,420	1,183,207,213,880,600	590,681,910,401,580	1,395,593,308,804,130
08/12/2021	12,924,280,735,086,200	7,584,234,853,081,840	924,465,734,118,369	590,881,221,346,156	1,459,146,474,194,450
09/12/2021	12,813,814,793,662,800	7,014,411,412,760,280	1,180,056,665,103,680	589,053,991,681,751	1,368,010,987,419,820
10/12/2021	13,391,392,200,154,100	6,658,043,304,773,120	882,715,899,273,891	594,874,708,296,378	1,323,833,141,611,570
11/12/2021	13,591,645,808,977,000	6,959,660,150,760,860	978,051,922,394,136	596,353,612,976,639	1,351,230,994,878,940
12/12/2021	12,701,914,474,657,800	7,045,675,627,575,540	73,698,088,886,762	597,758,093,814,640	1,366,798,256,835,400
13/12/2021	12,620,363,566,565,900	6,460,507,432,204,810	207,923,047,866,650	596,899,038,646,008	1,249,640,041,160,880
14/12/2021	13,259,550,015,787,800	6,370,563,275,838,710	1,171,755,588,906,980	597,473,649,154,599	1,221,523,637,805,220
15/12/2021	12,913,891,187,964,000	6,846,105,601,850,900	986,866,360,442,250	598,799,926,607,414	1,294,672,703,216,030
16/12/2021	12,563,528,211,710,300	6,745,192,274,639,860	1,053,743,178,748,750	599,809,086,469,450	1,258,107,630,559,950
17/12/2021	12,740,739,919,182,700	6,628,670,711,672,180	583,474,909,686,216	603,302,293,211,136	1,261,380,358,370,810
18/12/2021	12,702,779,752,193,400	6,768,934,938,472,180	974,866,455,532,662	604,986,791,462,392	1,281,104,189,369,950
19/12/2021	12,753,283,081,846,300	6,704,300,467,366,630	1,040,300,355,349,470	605,091,767,413,793	1,271,699,448,250,150
20/12/2021	13,313,275,371,506,900	6,725,755,738,202,960	1,203,487,038,448,930	606,851,159,155,782	1,255,629,386,922,570
21/12/2021	13,138,622,936,168,300	6,874,245,256,495,100	94,156,828,844,102	609,377,102,376,126	1,268,938,084,570,610
22/12/2021	13,657,736,257,741,800	6,762,674,045,425,500	1,053,491,220,462,490	605,400,870,380,852	1,271,923,178,919,770
23/12/2021	13,631,795,417,620,800	6,944,719,146,503,890	1,127,338,856,636,130	605,420,572,132,052	1,301,758,336,850,820
24/12/2021	13,523,870,471,193,900	6,825,605,772,421,810	348,460,324,887,706	602,540,163,744,925	1,282,112,696,730,040
25/12/2021	13,626,282,615,423,400	6,901,069,453,419,750	1,040,648,585,725,430	602,133,041,439,385	1,294,626,484,880,350
26/12/2021	13,589,798,743,619,200	6,858,096,988,031,000	936,006,856,105,626	601,150,690,286,216	1,293,842,971,922,380
27/12/2021	12,802,591,135,204,700	6,812,792,400,441,420	979,136,280,408,262	597,560,780,616,085	1,331,659,847,985,490



Hak Ciptaan Ditertarangkan

28/12/2021	12,498,951,805,461,700	6,429,815,664,567,850	906,146,082,624,896	599,254,505,404,064	1,269,150,025,576,850
29/12/2021	12,714,720,400,945,000	6,140,693,471,391,490	1,091,769,688,572,210	599,235,367,844,256	1,219,846,367,273,860
30/12/2021	12,496,282,252,777,100	6,294,659,723,060,400	588,110,199,701,093	602,914,407,516,420	1,233,231,971,570,030
31/12/2021	12,847,767,922,886,100	6,250,399,816,748,470	582,228,687,855,574	601,571,069,340,417	1,217,666,350,724,460
01/01/2022	12,756,394,015,802,000	6,388,072,715,216,040	1,059,774,389,990,100	604,643,233,464,167	1,252,769,607,906,710
02/01/2022	12,519,575,788,949,500	6,490,272,669,718,950	1,034,014,592,510,560	606,175,622,666,286	1,262,376,278,922,940
03/01/2022	12,403,682,867,435,200	6,376,266,820,836,220	1,057,226,964,422,530	606,327,547,439,724	1,216,778,239,864,650
04/01/2022	11,826,758,375,787,100	6,450,374,455,284,830	882,516,363,169,459	608,764,298,487,785	1,209,148,138,208,510
05/01/2022	11,764,230,545,456,500	6,063,331,680,122,510	550,265,960,172,300	613,233,619,354,122	1,136,813,297,200,600
06/01/2022	11,301,128,806,254,600	5,862,366,600,889,340	289,400,960,289,236	620,508,544,493,040	1,137,160,864,830,650
07/01/2022	11,308,358,570,542,100	5,463,878,290,630,460	1,050,223,108,669,960	570,558,935,869,121	1,073,385,968,394,440
08/01/2022	11,357,007,554,861,800	5,272,055,235,338,730	1,035,921,840,039,370	622,888,355,608,285	1,027,593,027,288,060
09/01/2022	11,353,682,871,447,100	5,384,832,451,046,960	894,145,047,896,411	624,805,344,520,604	1,048,030,210,379,890
10/01/2022	11,580,223,398,197,900	5,267,682,756,457,300	952,011,273,948,861	628,610,406,571,313	1,016,750,543,279,290
11/01/2022	11,903,836,031,005,500	5,522,515,327,335,530	261,884,471,988,507	631,411,839,223,379	1,106,937,365,391,950
12/01/2022	11,549,524,205,663,700	5,749,196,762,451,020	916,132,607,437,448	638,689,054,811,904	1,162,474,207,490,460
13/01/2022	11,674,134,075,773,100	5,544,576,519,113,150	939,067,833,919,967	643,905,057,843,456	1,135,131,242,633,250
14/01/2022	11,700,206,031,514,000	5,643,891,878,385,500	98,527,156,948,776	646,368,070,232,787	1,169,207,558,780,550
15/01/2022	11,683,700,316,078,900	5,681,682,944,095,990	263,627,249,359,490	648,063,796,809,739	1,181,874,780,613,680
16/01/2022	11,452,160,208,038,400	5,717,118,701,942,210	935,241,328,468,404	650,371,240,817,930	1,190,088,068,069,580
17/01/2022	11,498,158,893,765,100	5,482,110,134,128,920	1,001,071,834,926,700	651,181,996,795,442	1,136,023,812,481,890
18/01/2022	11,349,208,765,754,400	5,405,780,381,935,680	1,199,874,804,846,840	655,472,755,510,189	1,116,919,514,109,080
19/01/2022	11,082,740,190,583,100	5,299,991,701,198,790	1,167,477,471,750,180	661,235,177,131,904	1,097,287,335,238,880
20/01/2022	9,907,485,133,191,550	5,148,744,619,774,870	998,522,148,929,962	667,118,270,993,498	1,045,282,948,616,000
21/01/2022	9,505,983,691,720,630	4,377,775,268,320,650	941,515,684,514,902	614,191,427,642,286	907,728,387,734,871
22/01/2022	9,844,722,359,871,840	4,110,727,458,909,180	994,981,674,443,887	619,968,523,195,918	847,284,873,376,700
23/01/2022	9,949,245,351,868,360	4,333,162,547,082,350	571,015,283,314,656	682,832,437,362,849	908,419,222,692,547



Hak Cipta Dititik

24/01/2022	10,044,161,037,225,500	4,172,450,973,681,190	301,591,300,367,598	688,781,743,882,742	878,829,124,762,420
25/01/2022	10,014,902,246,127,000	4,205,040,711,904,940	1,123,516,711,471,060	697,154,979,448,694	911,371,391,214,511
26/01/2022	10,118,840,223,342,000	4,225,396,144,547,280	519,367,420,063,752	712,119,596,275,393	890,192,234,400,651
27/01/2022	10,302,956,700,327,100	4,159,353,822,810,640	1,051,184,656,057,520	710,212,000,315,531	926,504,040,301,942
28/01/2022	10,391,562,576,308,000	4,376,073,286,442,080	900,985,504,991,260	714,650,329,435,110	917,666,915,152,581
29/01/2022	10,331,969,724,973,700	4,458,875,499,662,860	1,027,335,644,975,740	715,418,452,445,305	924,167,186,623,005
30/01/2022	10,487,446,336,093,100	4,470,343,184,180,850	883,035,843,134,821	716,305,983,541,649	896,808,175,481,985
31/01/2022	10,538,234,122,692,600	4,616,885,617,646,990	920,418,886,867,026	717,046,812,012,349	891,336,806,828,158
01/02/2022	10,039,534,272,501,800	4,786,389,569,755,560	747,970,626,578,713	718,821,175,101,068	913,741,508,001,508
02/02/2022	10,106,313,294,436,800	4,593,999,552,049,210	560,505,160,590,834	723,097,017,327,288	870,029,353,764,379
03/02/2022	11,316,641,489,332,800	4,593,426,699,134,440	965,206,251,345,151	729,545,909,059,744	879,094,816,686,098
04/02/2022	11,308,839,318,954,200	5,128,482,209,735,950	640,111,124,644,447	732,053,428,577,976	948,139,335,353,284
05/02/2022	11,574,483,588,238,900	5,186,129,055,242,370	572,670,450,827,500	735,000,622,976,586	984,883,532,934,687
06/02/2022	11,959,800,318,740,100	5,260,407,251,341,060	520,957,300,122,899	735,216,568,349,987	997,594,141,591,557
07/02/2022	12,036,361,043,350,300	5,405,058,094,414,800	1,122,117,881,577,830	738,312,600,991,445	1,029,712,734,587,330
08/02/2022	12,090,182,804,036,200	5,371,520,674,196,420	1,153,249,180,501,940	742,246,438,793,616	971,596,656,251,259
09/02/2022	11,843,249,334,617,700	5,570,001,685,015,720	1,018,957,691,296,470	745,603,588,432,555	1,003,564,217,035,740
10/02/2022	11,540,645,709,825,500	5,275,822,450,786,570	273,351,020,187,646	747,685,941,171,816	983,080,021,079,276
11/02/2022	11,487,244,102,277,400	5,024,060,941,538,420	344,453,008,381,818	749,688,493,411,084	949,217,092,462,214
12/02/2022	11,475,088,629,325,300	5,003,244,143,498,210	1,121,505,392,195,220	750,409,440,405,147	955,452,236,266,632
13/02/2022	11,583,310,475,057,900	4,945,671,887,980,510	1,174,476,735,801,230	751,096,414,036,264	944,786,734,053,982
14/02/2022	12,091,098,699,779,400	5,032,766,914,518,500	900,407,380,406,192	752,381,734,546,454	956,235,052,324,309
15/02/2022	11,893,167,031,814,600	5,440,955,680,056,820	1,000,075,817,795,650	751,267,547,229,544	1,021,491,736,127,860
16/02/2022	10,975,525,015,284,000	5,338,062,875,992,530	1,037,301,973,317,150	750,668,864,122,975	1,008,154,576,589,830
17/02/2022	10,898,330,261,311,800	4,921,807,465,032,140	971,924,567,004,336	750,349,669,436,472	948,849,427,241,096
18/02/2022	10,930,904,006,467,900	4,784,955,053,652,480	1,046,534,515,859,180	754,159,750,441,379	947,237,622,425,805
19/02/2022	10,470,774,661,975,500	4,750,797,678,687,030	891,349,154,391,603	755,857,290,820,697	948,989,758,174,756



Hak Cipta Ditugaskan

20/02/2022	10,093,824,987,713,900	4,519,159,287,513,580	505,322,717,185,284	755,650,778,083,332	903,401,321,870,281
21/02/2022	10,423,329,391,942,600	4,421,936,582,090,380	1,184,506,053,645,950	754,686,497,599,839	845,416,854,707,775
22/02/2022	10,172,420,696,863,800	4,534,670,178,249,520	1,177,411,012,852,170	756,844,408,328,533	887,190,291,804,690
23/02/2022	10,434,763,474,547,500	4,458,969,654,157,210	1,044,530,527,373,610	759,240,011,081,998	870,315,771,217,468
24/02/2022	10,727,075,525,687,800	4,463,896,838,016,320	888,322,538,298,326	762,461,052,422,634	856,022,944,656,949
25/02/2022	10,632,998,922,751,800	4,773,522,663,427,070	979,288,031,826,051	768,209,870,992,714	892,756,107,523,085
26/02/2022	10,254,034,346,855,000	4,773,651,876,311,670	464,394,155,928,454	763,878,198,150,407	884,337,508,684,676
27/02/2022	11,753,507,100,611,500	4,500,713,418,220,190	725,190,401,513,018	765,030,375,631,629	853,313,877,000,742
28/02/2022	12,090,468,885,036,000	5,015,141,390,401,260	1,067,154,738,873,160	766,805,688,303,143	936,967,985,500,372
01/03/2022	12,025,276,867,765,300	5,115,851,149,352,640	877,133,152,477,004	769,097,052,774,399	969,076,311,225,216
02/03/2022	11,591,870,541,179,000	5,099,818,102,053,770	896,036,738,351,249	770,917,540,548,045	974,487,861,759,082
03/03/2022	10,663,547,593,065,200	4,887,428,535,211,060	292,367,960,016,009	768,118,823,194,663	956,572,265,060,816
04/03/2022	10,753,435,705,096,800	4,503,166,797,428,980	539,844,399,161,835	759,005,326,821,898	887,411,590,334,654
05/03/2022	10,486,250,414,080,700	4,593,315,490,343,550	949,833,002,525,838	760,517,367,944,780	914,038,595,667,737
06/03/2022	10,390,030,117,531,400	4,404,559,142,293,240	743,897,420,847,894	759,986,658,486,287	890,616,856,720,415
07/03/2022	10,591,691,543,805,700	4,306,726,857,010,670	511,639,222,123,220	753,921,247,205,702	905,742,095,540,862
08/03/2022	11,444,818,938,789,500	4,450,469,404,826,940	737,607,451,390,524	755,610,395,262,690	908,642,454,581,505
09/03/2022	10,672,266,114,614,100	4,701,018,475,387,690	962,396,975,740,435	753,093,508,243,021	933,391,279,874,748
10/03/2022	10,515,121,837,094,200	4,458,819,298,586,360	1,049,615,525,713,060	749,063,643,227,097	876,146,645,778,652
11/03/2022	10,579,915,202,026,900	4,383,183,825,477,820	1,094,548,162,817,950	749,216,821,616,662	877,560,596,308,496
12/03/2022	10,293,690,258,794,800	4,424,216,114,746,090	502,094,053,491,258	750,127,254,119,204	881,741,382,188,293
13/03/2022	10,783,136,486,604,900	4,328,800,530,940,880	558,021,970,543,066	751,126,855,483,610	856,002,042,352,390
14/03/2022	10,718,330,428,302,500	4,450,426,813,420,470	534,146,916,571,077	751,192,546,260,009	883,048,465,057,400
15/03/2022	11,179,270,913,405,300	4,511,576,968,157,760	528,462,221,442,285	751,875,377,307,220	880,665,076,370,791
16/03/2022	11,093,543,956,680,700	4,760,275,495,280,580	97,441,785,102,079	750,024,723,438,884	911,038,249,870,389
17/03/2022	11,373,948,412,401,100	4,819,556,013,758,770	500,784,213,393,964	752,082,733,283,202	923,090,862,859,693
18/03/2022	11,490,001,054,186,900	5,065,661,116,668,130	969,666,867,169,394	757,345,524,402,989	940,911,085,173,024



Hak Cipta Dititik

19/03/2022	11,233,797,242,234,000	5,071,997,840,493,150	888,348,605,021,503	758,716,767,383,052	946,918,158,300,397
20/03/2022	11,192,299,052,633,700	4,924,845,072,053,710	341,022,243,482,105	760,157,549,651,703	925,402,967,952,355
21/03/2022	11,543,802,240,178,300	4,991,871,293,011,270	975,086,835,446,069	760,585,772,944,579	939,204,720,793,487
22/03/2022	11,690,121,044,494,100	5,122,764,833,694,050	343,651,611,645,913	755,945,009,585,028	958,003,891,315,088
23/03/2022	12,007,366,682,138,900	5,223,272,579,223,950	969,751,971,137,387	752,462,534,659,443	968,197,130,760,886
24/03/2022	12,097,935,864,870,200	5,367,995,631,108,050	981,180,299,501,673	754,404,693,673,839	983,366,237,060,827
25/03/2022	12,136,077,014,194,800	5,359,130,962,140,360	1,047,045,227,141,130	750,548,138,834,505	974,207,235,707,184
26/03/2022	12,769,266,345,214,500	5,420,939,267,000,590	872,831,613,668,275	746,233,106,503,767	985,999,219,656,933
27/03/2022	12,839,125,158,153,300	5,677,517,880,314,430	576,818,469,895,475	747,776,852,969,196	1,020,571,412,349,960
28/03/2022	12,952,404,741,433,000	5,749,315,399,429,390	583,165,959,222,241	747,405,051,859,601	1,019,140,700,488,780
29/03/2022	12,828,340,469,306,400	5,871,940,654,797,930	264,531,878,164,845	744,006,727,431,676	1,030,526,047,048,170
30/03/2022	12,398,445,373,228,400	5,836,877,472,747,290	349,545,980,801,839	742,346,186,909,030	1,048,726,021,280,930
31/03/2022	12,625,185,798,053,400	5,652,168,685,899,920	304,758,264,894,330	736,072,160,341,465	1,014,876,425,249,570
01/04/2022	12,525,533,946,394,100	5,953,291,602,955,550	371,121,405,037,033	741,611,923,273,792	1,058,730,175,721,500
02/04/2022	12,685,736,289,549,200	5,952,078,330,661,690	971,577,014,295,073	741,542,081,295,538	1,036,880,726,404,880
03/04/2022	12,729,462,736,987,200	6,087,129,421,789,300	350,467,760,097,316	742,055,227,663,930	1,068,663,127,245,980
04/04/2022	12,405,029,997,611,300	6,083,559,729,837,520	978,902,764,117,999	743,177,728,188,583	1,061,700,378,689,670
05/04/2022	11,798,573,255,894,600	5,879,125,083,834,220	547,950,568,862,457	736,321,236,650,608	1,053,252,356,247,000
06/04/2022	11,895,490,957,585,800	5,481,174,000,376,120	736,859,373,041,565	733,633,807,239,203	996,801,086,559,211
07/04/2022	11,565,768,255,864,800	5,595,402,995,369,980	343,882,058,043,256	734,629,477,720,954	1,037,635,208,684,770
08/04/2022	11,685,864,664,242,600	5,525,821,387,685,380	482,054,154,196,249	732,703,770,676,181	1,001,917,887,999,150
09/04/2022	11,529,477,834,566,800	5,639,761,806,540,180	617,878,656,179,246	732,597,615,265,216	1,013,563,793,991,450
10/04/2022	10,790,056,674,766,700	5,553,851,365,967,640	900,553,668,506,419	732,801,999,899,842	993,246,647,119,986
11/04/2022	10,964,000,712,681,800	5,152,328,364,153,830	556,753,625,319,870	729,547,487,050,338	934,561,859,739,960
12/04/2022	11,241,707,905,558,900	5,242,053,830,296,280	727,614,058,500,714	727,771,986,892,804	982,214,562,619,225
13/04/2022	10,902,952,366,990,700	5,391,545,540,078,700	335,463,431,694,593	726,449,050,619,825	1,003,571,004,791,410
14/04/2022	11,090,512,672,896,600	5,220,484,119,258,940	635,796,291,504,577	722,996,894,788,939	983,216,632,842,220



Hak Cipta Ditandai

Pitirani, Negeri Jantar

aklapp

tidak mengizinkan

reproduksi atau

penyiaran dalam

media elektronik

tanpa izin tertulis

dari PT. DAERAH

AIR MINERAL

JAWA BARA

atau pihak yang

berkaitan dengan

nya.

Penyiaran

tanpa izin

tertulis

dianggap

15/04/2022	11,042,518,975,302,500	5,266,063,039,448,220	357,444,435,178,387	721,679,173,962,081	991,085,665,279,169
16/04/2022	10,849,811,167,209,200	5,297,364,699,626,210	343,916,595,345,007	719,862,928,320,281	990,339,872,179,767
17/04/2022	11,135,732,207,540,600	5,178,744,278,948,960	650,678,998,030,780	718,464,837,394,789	966,378,992,310,153
18/04/2022	11,328,452,070,273,300	5,282,049,320,030,990	517,569,615,375,725	716,040,247,872,967	987,566,610,529,187
19/04/2022	11,302,750,979,068,000	5,366,639,626,154,710	68,971,594,542,084	718,398,830,913,596	989,928,763,397,546
20/04/2022	11,061,980,498,871,200	5,325,775,042,405,910	492,547,452,262,978	716,591,463,760,362	981,235,477,009,622
21/04/2022	10,873,335,583,680,300	5,165,484,882,878,160	378,893,423,629,262	716,256,690,604,776	949,107,518,915,049
22/04/2022	10,867,628,057,785,500	5,139,046,347,641,470	354,965,318,973,010	717,893,946,242,129	955,974,019,843,690
23/04/2022	10,863,425,193,162,300	5,122,988,691,299,100	281,650,987,566,082	721,945,058,788,995	948,951,269,281,739
24/04/2022	11,049,046,409,210,100	5,096,781,919,874,630	607,460,117,703,840	721,915,942,283,068	942,933,487,649,902
25/04/2022	10,460,849,657,291,700	5,207,402,520,762,930	550,109,029,523,535	716,447,869,441,334	947,847,463,433,173
26/04/2022	10,774,314,983,798,200	4,883,583,328,437,850	1,036,833,670,736,070	714,062,671,814,088	908,011,235,216,820
27/04/2022	10,932,436,780,393,400	5,026,448,256,199,700	502,486,689,298,249	715,432,379,994,503	922,440,124,750,674
28/04/2022	10,663,304,992,303,700	5,115,877,430,897,610	717,422,033,880,641	714,501,864,685,105	959,428,823,281,029
29/04/2022	10,423,166,754,047,600	4,928,301,750,161,140	1,141,325,505,751,100	716,803,536,970,418	931,607,837,476,049
30/04/2022	10,632,180,950,248,700	4,782,326,531,334,790	647,385,141,452,769	717,012,621,997,286	895,919,611,756,830
01/05/2022	10,628,760,754,558,400	4,953,783,691,007,390	739,306,959,668,614	716,062,692,394,890	925,598,346,908,682
02/05/2022	10,435,701,737,173,400	4,996,589,932,972,860	1,050,609,967,217,140	712,578,710,307,340	922,359,360,502,174
03/05/2022	10,921,233,645,342,000	4,877,790,928,940,050	340,451,763,022,581	712,450,163,612,123	909,550,637,209,992
04/05/2022	10,044,553,683,532,400	5,128,657,196,120,110	375,743,766,946,033	707,217,766,418,311	950,026,723,804,585
05/05/2022	9,918,034,393,578,050	4,786,754,792,754,440	593,522,160,889,172	704,870,090,614,325	892,423,504,168,704
06/05/2022	9,797,165,991,332,040	4,702,190,805,321,050	552,718,441,408,572	705,849,220,643,691	895,454,312,709,668
07/05/2022	9,399,505,549,306,020	4,612,643,669,435,450	469,982,533,411,138	704,070,721,374,620	865,682,417,802,796
08/05/2022	8,360,652,883,700,230	4,405,545,890,773,280	616,954,499,172,121	705,811,670,265,884	841,333,886,412,078
09/05/2022	8,594,055,317,155,340	3,929,469,008,014,160	308,035,521,089,388	706,153,605,006,132	708,565,801,910,608
10/05/2022	8,002,159,008,189,950	4,117,194,430,570,270	592,611,306,198,095	704,979,863,757,429	758,735,999,469,819
11/05/2022	8,044,133,496,047,310	3,634,315,527,968,080	268,533,291,939,735	711,935,536,647,366	640,304,902,024,150



Hak Cipta Ditugaskan

12/05/2022	8,177,236,006,569,710	3,445,662,963,463,030	370,081,090,162,891	721,436,474,624,635	639,845,086,585,386
13/05/2022	8,405,490,323,495,650	3,568,117,522,553,240	1,052,541,819,873,540	741,851,620,180,612	695,887,577,289,969
14/05/2022	8,741,999,916,081,580	3,642,380,568,549,090	389,609,503,185,876	749,548,988,890,718	712,127,888,396,595
15/05/2022	8,309,417,137,172,120	3,801,215,722,759,840	648,883,218,528,750	750,136,836,280,267	747,137,437,560,019
16/05/2022	8,486,635,759,878,510	3,570,729,581,015,780	349,827,719,929,323	759,945,102,446,143	710,312,024,747,629
17/05/2022	8,016,173,953,392,700	3,699,404,199,171,020	877,449,145,383,374	765,440,419,064,471	731,742,009,700,022
18/05/2022	8,521,187,538,148,050	3,394,369,812,545,370	373,594,285,161,182	765,865,406,976,175	687,860,857,664,676
19/05/2022	8,140,380,982,812,300	3,600,066,675,664,300	872,089,799,589,091	778,312,938,707,467	739,357,889,711,973
20/05/2022	8,224,870,180,637,300	3,469,695,012,301,730	342,432,740,840,513	774,696,454,697,233	722,628,457,753,245
21/05/2022	8,474,347,252,815,530	3,501,762,767,146,040	752,046,423,238,180	778,542,978,037,608	748,566,208,042,026
22/05/2022	8,121,150,689,143,310	3,623,900,681,231,360	726,380,805,300,490	779,683,296,119,971	765,678,443,584,748
23/05/2022	8,266,675,974,413,490	3,493,493,395,039,070	395,886,438,614,560	781,284,342,091,605	757,797,575,119,454
24/05/2022	8,251,792,641,287,720	3,501,603,249,654,540	345,814,907,025,437	779,886,625,120,876	784,174,063,042,093
25/05/2022	8,153,023,625,765,760	3,446,017,287,883,810	303,321,644,464,635	782,754,348,716,900	779,322,107,546,673
26/05/2022	7,973,565,735,741,240	3,190,116,460,635,070	996,833,784,947,663	777,901,838,920,381	728,131,610,715,701
27/05/2022	8,039,680,356,299,510	3,050,123,934,300,000	1,206,290,506,096,600	783,084,151,755,135	718,452,260,123,535
28/05/2022	8,157,108,549,191,040	3,152,336,384,140,570	987,572,219,915,452	780,751,929,409,131	730,738,217,966,313
29/05/2022	8,812,071,723,186,010	3,187,172,542,047,510	347,951,566,484,984	781,178,746,542,362	726,369,259,690,144
30/05/2022	8,812,844,773,962,330	3,521,017,861,115,920	495,909,385,119,283	783,647,393,865,117	765,807,214,097,359
31/05/2022	8,260,034,367,822,140	3,418,979,936,883,450	854,975,900,551,046	784,379,629,031,066	761,239,237,678,943
01/06/2022	8,260,034,367,822,140	3,210,021,038,131,250	307,064,713,227,613	786,209,116,748,233	713,722,009,138,954
02/06/2022	8,450,973,762,036,340	3,231,023,143,568,130	316,561,467,832,251	787,396,270,390,671	732,227,918,875,439
03/06/2022	8,171,481,459,152,620	3,101,405,910,982,690	977,467,044,315,495	779,815,943,848,891	703,294,920,323,413
04/06/2022	8,206,374,560,818,810	3,147,754,358,807,550	383,966,108,141,518	780,600,907,800,929	710,841,500,776,145
05/06/2022	8,227,049,364,386,740	3,154,358,112,033,580	493,455,881,586,751	780,779,932,891,566	704,486,974,399,520
06/06/2022	8,632,671,564,285,760	3,250,127,339,156,480	401,234,798,346,808	775,523,750,826,596	696,347,853,025,963
07/06/2022	8,576,792,461,288,570	3,172,431,145,728,370	326,164,999,719,965	777,762,560,246,418	684,661,440,798,869



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08/06/2022	8,335,770,945,771,360	3,143,566,125,319,040	1,210,017,293,952,980	778,483,823,025,831	682,030,903,484,539
09/06/2022	8,331,057,143,394,600	3,146,050,696,006,360	713,445,554,410,013	781,669,246,436,655	687,019,012,048,703
10/06/2022	8,101,625,484,624,920	2,946,884,014,833,250	861,444,046,917,618	787,234,424,297,398	682,444,110,839,560
11/06/2022	7,902,281,540,312,990	2,708,134,127,811,670	342,495,663,356,444	787,002,772,350,933	643,072,702,179,993
12/06/2022	7,457,314,260,527,870	2,558,886,855,146,510	615,730,259,772,230	789,123,996,244,430	610,771,700,016,006
13/06/2022	6,239,713,626,113,210	2,123,986,206,314,840	447,577,212,450,331	790,155,654,112,937	528,709,123,825,313
14/06/2022	6,273,949,446,674,850	2,175,455,712,040,040	480,032,034,136,678	801,782,392,337,387	540,033,585,819,844
15/06/2022	6,362,863,405,473,380	2,209,200,126,599,600	455,452,856,909,040	802,473,798,450,620	563,336,086,965,547
16/06/2022	5,711,468,698,668,290	1,901,645,107,715,140	680,127,797,299,786	802,357,876,256,583	502,761,282,224,231
17/06/2022	5,793,507,492,865,770	1,954,419,194,458,840	449,887,409,225,445	817,645,583,236,138	523,121,161,687,237
18/06/2022	5,381,833,123,159,200	1,787,354,868,683,890	835,051,979,717,259	821,721,853,671,659	477,404,159,481,931
19/06/2022	5,816,664,743,597,700	2,028,631,290,560,390	663,207,660,651,584	829,499,988,754,303	520,718,608,586,701
20/06/2022	5,823,897,473,473,750	2,026,684,278,691,600	1,077,221,405,794,440	826,321,199,479,577	525,046,816,948,155
21/06/2022	5,857,341,505,522,350	2,022,418,712,677,400	430,182,886,809,208	827,755,101,665,024	531,412,786,354,020
22/06/2022	5,657,602,894,731,150	1,892,177,309,413,860	1,177,862,218,321,220	829,107,448,289,582	519,163,122,310,351
23/06/2022	5,966,490,661,366,910	2,057,022,505,366,940	436,223,618,463,192	826,239,160,230,373	554,533,839,014,804
24/06/2022	6,021,612,623,145,130	2,212,372,479,500,320	623,403,215,944,012	829,460,265,736,132	583,183,408,436,542
25/06/2022	6,083,094,494,824,280	2,236,786,127,277,180	1,007,977,984,620,480	828,782,442,395,718	580,366,794,573,833
26/06/2022	5,948,971,684,331,440	2,158,525,893,506,110	442,234,845,038,451	828,618,058,504,278	566,245,904,754,682
27/06/2022	5,873,933,569,106,040	2,150,324,151,300,480	858,666,854,938,554	828,689,141,901,577	566,452,423,683,072
28/06/2022	5,729,827,585,939,560	2,056,476,407,904,510	416,999,194,632,233	826,424,243,241,663	548,655,050,633,823
29/06/2022	5,700,650,934,603,020	1,981,770,736,232,330	781,051,982,205,113	829,585,057,083,077	532,084,817,162,114
30/06/2022	5,617,864,492,111,040	1,927,445,709,232,790	403,510,416,978,602	830,312,267,967,579	532,829,075,832,780
01/07/2022	5,500,012,845,333,170	1,923,930,264,771,200	832,404,270,857,989	834,815,567,082,622	527,556,279,117,621
02/07/2022	5,499,002,182,798,080	1,938,679,350,242,490	829,143,384,926,703	835,628,174,353,865	533,117,315,215,939
03/07/2022	5,514,937,970,859,870	1,952,084,489,743,440	448,950,375,855,972	835,963,028,138,787	535,428,148,781,790
04/07/2022	5,767,999,483,856,060	2,087,694,821,424,070	831,149,523,437,067	833,855,382,227,769	564,830,850,873,410



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05/07/2022	5,778,185,084,064,620	2,065,717,552,755,560	1,202,850,882,943,150	836,784,824,121,602	565,176,762,923,808
06/07/2022	5,900,074,183,450,870	2,168,468,107,057,010	961,817,478,224,834	839,365,293,615,743	585,817,180,782,186
07/07/2022	6,201,404,421,104,730	2,256,909,582,680,500	624,060,809,483,418	834,113,649,671,786	592,171,440,624,956
08/07/2022	6,215,017,228,092,190	2,224,814,282,423,510	425,575,347,345,633	832,044,631,300,913	588,945,816,742,474
09/07/2022	6,173,277,381,929,710	2,214,184,564,166,190	485,121,677,918,954	831,961,650,642,177	594,819,553,658,889
10/07/2022	5,964,384,283,368,360	2,126,039,894,255,220	855,364,639,500,254	831,947,954,803,557	573,824,673,926,735
11/07/2022	5,710,154,398,505,460	1,996,761,726,657,790	715,730,514,608,549	832,061,124,440,357	552,310,331,823,299
12/07/2022	5,537,962,163,012,340	1,893,776,076,908,090	701,173,221,000,031	830,175,063,018,199	540,333,365,039,974
13/07/2022	5,782,448,917,892,530	2,027,909,531,009,990	825,780,496,459,976	829,564,985,015,309	563,988,571,639,818
14/07/2022	5,903,295,492,888,390	2,176,832,061,395,630	706,796,246,991,221	830,614,867,392,164	584,485,716,656,703
15/07/2022	5,986,060,697,573,380	2,255,359,241,658,030	802,449,128,447,876	825,002,065,891,476	586,080,865,232,898
16/07/2022	6,068,118,157,410,760	2,466,093,025,660,490	784,859,231,502,695	822,136,503,531,751	611,145,252,621,737
17/07/2022	5,950,676,554,434,850	2,440,852,967,344,060	671,688,214,918,507	821,881,959,296,534	606,871,529,270,325
18/07/2022	6,439,228,559,251,950	2,878,765,979,015,940	840,998,916,505,679	821,483,697,895,456	648,550,106,187,177
19/07/2022	6,692,098,276,776,450	2,811,287,826,029,560	342,264,094,244,304	819,797,914,467,243	649,751,374,689,781
20/07/2022	6,638,080,355,028,600	2,766,280,214,806,830	812,762,553,932,053	820,068,024,420,506	623,563,335,007,602
21/07/2022	6,626,023,478,518,570	2,872,455,970,316,370	357,970,898,405,524	823,015,753,112,716	641,417,797,546,243
22/07/2022	6,514,910,585,436,410	2,808,516,738,025,990	704,870,138,304,725	825,857,605,008,099	636,855,402,318,694
23/07/2022	6,427,392,448,819,070	2,823,405,363,975,220	753,911,698,008,232	825,133,282,134,865	626,994,805,625,406
24/07/2022	6,468,831,638,008,010	2,915,171,014,689,700	490,638,357,352,963	825,285,176,847,986	632,798,954,597,040
25/07/2022	6,128,328,047,203,590	2,641,563,682,348,450	781,489,346,762,640	826,001,882,553,966	593,966,552,162,523
26/07/2022	6,082,088,158,213,900	2,630,314,837,181,980	797,081,875,330,139	826,112,298,652,225	602,052,088,174,676
27/07/2022	6,567,343,701,093,630	2,985,670,103,695,810	765,271,036,652,847	825,943,018,092,125	656,647,017,553,803
28/07/2022	6,809,613,476,280,330	3,139,749,384,448,880	717,332,890,252,698	817,709,212,337,832	668,723,258,069,109
29/07/2022	6,758,885,364,010,200	3,125,258,591,127,220	836,563,295,855,238	811,305,019,943,041	704,744,774,857,738
30/07/2022	6,696,867,805,715,280	3,059,510,073,456,550	771,354,792,792,270	806,703,123,313,707	687,290,737,582,476
31/07/2022	6,606,795,390,585,220	3,033,774,983,072,050	700,865,079,969,692	806,785,088,080,367	677,833,224,456,490



01/08/2022	6,608,372,933,082,680	2,953,973,132,795,680	683,825,202,099,031	806,691,374,013,784	678,528,948,154,040
02/08/2022	6,518,989,251,617,250	2,952,742,963,496,060	828,557,709,516,036	808,290,614,036,791	679,779,869,729,304
03/08/2022	6,503,740,394,507,380	2,937,460,653,776,510	836,878,594,583,397	809,435,120,296,272	716,996,341,704,472

Lampiran 1. 5 Hasil Uji Chow

Redundant Fixed Effects Tests Equation: FEM Test cross-section and period fixed effects			
Effects Test	Statistic	d.f.	Prob.
Cross-section F	3.600538	(4,2373)	0.0062
Cross-section Chi-square	18.001226	4	0.0012
Period F	2.923390	(594,2373)	0.0000
Period Chi-square	1633.705883	594	0.0000
Cross-Section/Period F	2.916578	(598,2373)	0.0000
Cross-Section/Period Chi-square	1639.217024	598	0.0000

Lampiran 1. 6 Hasil Uji Hausman

Correlated Random Effects - Hausman Test Equation: FEM Test cross-section and period random effects			
Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	5.273954	3	0.1528
Period random	0.000000	3	1.0000
Cross-section and period random	33.728797	3	0.0000

Lampiran 1. 7 Hasil Uji LM

Lagrange Multiplier Tests for Random Effects Null hypotheses: No effects Alternative hypotheses: Two-sided (Breusch-Pagan) and one-sided (all others) alternatives			
	Cross-section	Test Hypothesis Time	Both
Breusch-Pagan	0.905408 (0.3413)	423.8984 (0.0000)	424.8038 (0.0000)

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Honda	-0.951529 --	20.58879 (0.0000)	13.88564 (0.0000)
King-Wu	-0.951529 --	20.58879 (0.0000)	0.735535 (0.2310)
Standardized Honda	-0.110356 --	20.62687 (0.0000)	-0.273335 --
Standardized King-Wu	-0.110356 --	20.62687 (0.0000)	-2.531802 --
Gourieriou, et al.*	--	--	423.8984 (< 0.01)

Lampiran 1. 8 Hasil Uji Autokorelasi (Durbin Watson)

Cross-section fixed (dummy variables)			
R-squared	0.004522	Mean dependent var	0.002034
Adjusted R-squared	0.002173	S.D. dependent var	0.041572
S.E. of regression	0.041526	Akaike info criterion	-3.522292
Sum squared resid	5.116405	Schwarz criterion	-3.506163
Log likelihood	5247.409	Hannan-Quinn criter.	-3.516488
F-statistic	1.925244	Durbin-Watson stat	2.089895
Prob(F-statistic)	0.061715		

Lampiran 1. 9 Hasil Analisis Regresi Data Panel (Uji FEM)

Dependent Variable: Y				
Method: Panel Least Squares				
Date: 08/09/22 Time: 19:39				
Sample: 12/17/2020 8/03/2022				
Periods included: 595				
Cross-sections included: 5				
Total panel (balanced) observations: 2975				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.183528	0.065814	-2.788601	0.0053
X1	0.002947	0.001381	2.134744	0.0329
X2	0.131885	0.020975	6.287736	0.0000
X3	0.002374	0.002156	1.101081	0.2710
Effects Specification				
Cross-section fixed (dummy variables)				
Period fixed (dummy variables)				
R-squared	0.425168	Mean dependent var	0.002034	
Adjusted R-squared	0.279582	S.D. dependent var	0.041572	

S.E. of regression	0.035285	Akaike info criterion	-3.672109
Sum squared resid	2.954434	Schwarz criterion	-2.458396
Log likelihood	6064.262	Hannan-Quinn criter.	-3.235354
F-statistic	2.920399	Durbin-Watson stat	2.143854
Prob(F-statistic)	0.000000		



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