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LAMPIRAN

**Populasi Penelitian**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Kode | Nama Perusahaan | Perusahaan Yang Tidak Masuk Kreteria | | | | | |
| 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|  | ABSM | PT AB Sinar Mas Multifinace |  |  |  |  |  |  |
|  | ADCP | PT Adhi Commuter Properti |  |  |  |  |  |  |
|  | ADHI | PT Adhi Karya (persero) Tbk |  |  |  |  |  |  |
|  | ADMF | PT Adira Dinamika Multi Finance Tbk |  |  |  |  |  |  |
|  | AGII | PT Samator Indo Gas Tbk |  |  |  |  |  |  |
|  | AKRA | PT AKR Corporindo Tbk |  |  |  |  |  |  |
|  | APAI | PT Angkasa Pura l (persero) |  |  |  |  |  |  |
|  | APIA | PT Angkasa Pura ll (persero) |  |  |  |  |  |  |
|  | ASDF | PT Astra Sedaya Finance |  |  |  |  |  |  |
|  | ASSA | PT Adi Sarana Armada Tbk |  |  |  |  |  |  |
|  | BAFI | PT Bussan Auto Finance |  |  |  |  |  |  |
|  | BALI | PT Bali Towerindo Sentra Tbk |  |  |  |  |  |  |
|  | BCAP | PT MNC Kapital Indonesia Tbk |  |  |  |  |  |  |
|  | BFIN | PT BFI Finance Indonesia Tbk |  |  |  |  |  |  |
|  | BIIF | PT Maybank Indonesia Finance |  |  |  |  |  |  |
|  | BMTP | PT Bank Mandiri Taspen Pos |  |  |  |  |  |  |
|  | BMTR | PT Global Mediacom Tbk |  |  |  |  |  |  |
|  | BRIF | PT BRI Multifinance Indonesia |  |  |  |  |  |  |
|  | BRPT | PT Barito Pacific Tbk |  |  |  |  |  |  |
|  | BSDE | PT Bumi Serpong Damai Tbk |  |  |  |  |  |  |
|  | CNAF | PT CIMB Niaga Auto Finance |  |  |  |  |  |  |
|  | DART | PT Duta Anggada Realty Tbk |  |  |  |  |  |  |
|  | DILD | PT Intiland Development Tbk |  |  |  |  |  |  |
|  | DNRK | PT Danareksa (persero) |  |  |  |  |  |  |
|  | DSNG | PT Dharma Satya Nusantara Tbk |  |  |  |  |  |  |
|  | ELSA | PT Elnusa Tbk |  |  |  |  |  |  |
|  | EMIN | PT Energi Mitra Investama |  |  |  |  |  |  |
|  | EXCL | PT XL Axiata Tbk |  |  |  |  |  |  |
|  | FIFA | PT Federal Internasional Finance |  |  |  |  |  |  |
|  | FMFN | PT KB Finansia Multi Finance |  |  |  |  |  |  |
|  | HEAL | PT Medikaloka Hermina Tbk |  |  |  |  |  |  |
|  | HIFI | PT Hino Finance Indonesia |  |  |  |  |  |  |
|  | HRTA | PT Hartadinata Abadi Tbk |  |  |  |  |  |  |
|  | IIFF | Indonesia Infrastructure Finance |  |  |  |  |  |  |
|  | IMFI | PT Indomobil Finance Indonesia |  |  |  |  |  |  |
|  | INDF | PT Indofood Sukses Makmur tbk |  |  |  |  |  |  |
|  | INKP | PT Indah Kiat Pulp & Paper Tbk |  |  |  |  |  |  |
|  | ISAT | PT Indosat Tbk |  |  |  |  |  |  |
|  | ISSP | PT Steel Pipe Industry of Indonesia Tbk |  |  |  |  |  |  |
|  | JLBS | PT Jakarta Lingkar Barat Satu |  |  |  |  |  |  |
|  | JSMR | PT Jasa Marga (persero) Tbk |  |  |  |  |  |  |
|  | KAII | PT kereta Api Indonesia ( persero) |  |  |  |  |  |  |
|  | KETR | PT Ketrosden Triasmitra |  |  |  |  |  |  |
|  | LPPI | PT Lontar Papyrus Pulp & Paper Industry |  |  |  |  |  |  |
|  | LTLS | PT Lautan Luas Tbk |  |  |  |  |  |  |
|  | MDKA | PT Merdeka Copper Gold Tbk |  |  |  |  |  |  |
|  | MEDC | PT Medco Energi Internasional Tbk |  |  |  |  |  |  |
|  | MEDP | PT Medco Power Indonesia |  |  |  |  |  |  |
|  | MFIN | PT Mandala Multifinance Tbk |  |  |  |  |  |  |
|  | MLIK | PT Marga Lingkar Jakarta |  |  |  |  |  |  |
|  | MORA | PT Mora Telematika Indonesia |  |  |  |  |  |  |
|  | MPMF | PT Mitra Pinasthika Mustika Finance |  |  |  |  |  |  |
|  | MYOR | PT Mayora Indah Tbk |  |  |  |  |  |  |
|  | OPPM | PT OKI Pulp & Paper Mils |  |  |  |  |  |  |
|  | OTMA | PT Oto Multiartha |  |  |  |  |  |  |
|  | PALM | PT Provident Investasi Bersama Tbk |  |  |  |  |  |  |
|  | PIDL | PT Pindo Deli Pulp and Paper Mils |  |  |  |  |  |  |
|  | PIHC | PT pupuk Indonesia (persero) |  |  |  |  |  |  |
|  | PIKI | PT Pelabuhan Indonesia ll (persero) |  |  |  |  |  |  |
|  | PJAA | PT Pembangunan Jaya Ancol Tbk |  |  |  |  |  |  |
|  | PLTM | PT Polytama Propindo |  |  |  |  |  |  |
|  | POST | PT Pos Indonesia (persero) |  |  |  |  |  |  |
|  | PPAP | PT Perusahaan Pengelola Aset (persero) |  |  |  |  |  |  |
|  | PPGD | PT Pegadaian (persero) |  |  |  |  |  |  |
|  | PPLN | PT Perusahaan Listrik Negara (persero) |  |  |  |  |  |  |
|  | PPRE | PT PP Presisi Tbk |  |  |  |  |  |  |
|  | PPRO | PT PP Properti Tbk |  |  |  |  |  |  |
|  | PRTL | PT Profesional Telekomunikasi Indonesia |  |  |  |  |  |  |
|  | PSAB | PT J Resources Asia Pasifik Tbk |  |  |  |  |  |  |
|  | PTHK | PT Hutama Karya Tbk |  |  |  |  |  |  |
|  | PTPP | PT PP (persero) Tbk |  |  |  |  |  |  |
|  | PYFA | PT Pyridam Farma Tbk |  |  |  |  |  |  |
|  | REFI | PT Usaha Pembiayaan Reliance Indonesia |  |  |  |  |  |  |
|  | SANF | PT Surya Artha Nusantara Finance |  |  |  |  |  |  |
|  | SGRO | PT Sampoerna Argo Tbk |  |  |  |  |  |  |
|  | SMAR | PT Sinar Mas Agro Resources and Technology Tbk |  |  |  |  |  |  |
|  | SMFP | PT Sarana Multigriya Finansial (persero) |  |  |  |  |  |  |
|  | SMGR | PT Semen Indonesia (persero) |  |  |  |  |  |  |
|  | SMII | PT Sarana Multi Infrasturktur (persero) |  |  |  |  |  |  |
|  | SMMA | PT Sinar Mas Multiartha Tbk |  |  |  |  |  |  |
|  | SMMF | PT Sinarmas Multifinance |  |  |  |  |  |  |
|  | SMRA | PT Summarecon Agung Tbk |  |  |  |  |  |  |
|  | SRAJ | PT Sejahteraraya Anugrahjaya Tbk |  |  |  |  |  |  |
|  | TAFS | PT Toyota Astra Finansial Services |  |  |  |  |  |  |
|  | TBIG | PT Tower Bersama Infrastrucuture Tbk |  |  |  |  |  |  |
|  | TBLA | PT Tunas Baru Lampung Tbk |  |  |  |  |  |  |
|  | TDPM | PT Tridomain Performance Materials Tbk |  |  |  |  |  |  |
|  | TELE | PT Omni Inovasi Indonesia Tbk |  |  |  |  |  |  |
|  | TINS | PT Timah Tbk |  |  |  |  |  |  |
|  | TLKM | PT Telekomunikasi Indonesia (persero) Tbk |  |  |  |  |  |  |
|  | TOBA | PT TBS Energi Utama Tbk |  |  |  |  |  |  |
|  | TPIA | PT Chandra Asri Petrochemical Tbk |  |  |  |  |  |  |
|  | TUFI | PT Mandiri Tunas Finance |  |  |  |  |  |  |
|  | TYRO | PT Tamaris Hydro |  |  |  |  |  |  |
|  | VOKS | PT Voksel Electric Tbk |  |  |  |  |  |  |
|  | WIKA | PT Wijaya Karya (persero) Tbk |  |  |  |  |  |  |
|  | WISL | PT Wahana Inti Selaras |  |  |  |  |  |  |
|  | WOMF | PT Wahana Ottomitra Multiartha Tbk |  |  |  |  |  |  |
|  | WOOD | PT Integera Indocabinet Tbk |  |  |  |  |  |  |
|  | WSBP | PT Waskita Beton Precast Tbk |  |  |  |  |  |  |
|  | WSKT | PT Waskita Karya (persero) Tbk |  |  |  |  |  |  |
|  | ZINC | PT Kapuas Prima Coal Tbk |  |  |  |  |  |  |

**Sampel Penelitian**

|  |  |  |
| --- | --- | --- |
| No. | Kode saham | Nama perusahaan |
|  | AKRA | PT AKR Corporindo Tbk |
|  | BSDE | PT Bumi Serpong Damai Tbk |
|  | HRTA | PT Hartadinata Abadi Tbk |
|  | INDF | PT Indofood Suksek Makmur Tbk |
|  | ISAT | PT Indosat Tbk |
|  | JSMR | PT Jasa Marga (Persero) Tbk |
|  | LTLS | PT Lautan Luas Tbk |
|  | MEDC | PT Medro Energi Internasional Tbk |
|  | MYOR | PT Mayora Indah Tbk |
|  | PJAA | PT Pembangunan Jaya Ancol Tbk |
|  | PPRO | PT PP Properti Tbk |
|  | PTHK | PT Hutama Karya (Persero) Tbk |
|  | SMGR | PT Semen Indonesia (Persero) Tbk |
|  | SMRA | PT Summarecon Agung Tbk |
|  | TINS | PT Timah Tbk |
|  | TLKM | PT Telekomunikasi Indonesia (Persero) Tbk |
|  | TPIA | PT Chandra Asri Petrochemical Tbk |
|  | WIKA | PT Wijaya Karya (Persero) Tbk |
|  | WSKT | PT Waskita Karya (Persero) Tbk |
|  | ZINC | PT Kapuas Prima Coal Tbk |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No. | Kode | Tahun | Aset lancar | Liabilitas Jangka Panjang | CR |
| 1 | AKRA | 2018 | 11.268.597.800.000 | 8.062.727.824.000 | 1,40 |
|  |  | 2019 | 10.777.639.192.000 | 8.712.526.231.000 | 1,24 |
|  |  | 2020 | 8.042.418.506.000 | 5.102.110.055.000 | 1,58 |
|  |  | 2021 | 12.022.678.362.000 | 9.306.841.393.000 | 1,29 |
|  |  | 2022 | 15.841.294.251.000 | 11.280.491.593.000 | 1,40 |
|  |  | 2023 | 18.121.051.657.000 | 12.533.377.808.000 | 1,45 |
| 2 | BSDE | 2018 | 20.959.942.497.155 | 6.249.357.632.860 | 3,35 |
|  |  | 2019 | 24.283.878.305.608 | 6.177.662.471.677 | 3,93 |
|  |  | 2020 | 28.364.288.311.866 | 11.985.625.224.530 | 2,37 |
|  |  | 2021 | 28.397.860.868.620 | 10.967.892.740.436 | 2,59 |
|  |  | 2022 | 29.586.676.145.282 | 11.332.854.264.009 | 2,61 |
|  |  | 2023 | 29.374.818.540.867 | 11.897.714.398.814 | 2,47 |
| 3 | HRTA | 2018 | 1.430.530.685.815 | 388.009.846.474 | 3,69 |
|  |  | 2019 | 2.195.435.613.977 | 217.969.291.457 | 10,07 |
|  |  | 2020 | 2.669.836.303.087 | 209.281.141.857 | 12,76 |
|  |  | 2021 | 3.300.516.538.001 | 708.362.034.511 | 4,66 |
|  |  | 2022 | 3.574.043.984.008 | 951.483.287.105 | 3,76 |
|  |  | 2023 | 4.720.441.472.715 | 2.135.873.313.798 | 2,21 |
| 4 | INDF | 2018 | 33.272.618.000.000 | 31.204.102.000.000 | 1,07 |
|  |  | 2019 | 31.403.445.000.000 | 24.686.862.000.000 | 1,27 |
|  |  | 2020 | 38.418.238.000.000 | 27.975.875.000.000 | 1,37 |
|  |  | 2021 | 54.183.399.000.000 | 40.403.404.000.000 | 1,34 |
|  |  | 2022 | 54.876.668.000.000 | 30.725.942.000.000 | 1,79 |
|  |  | 2023 | 63.101.797.000.000 | 32.914.504.000.000 | 1,92 |
| 5 | ISAT | 2018 | 7.906.525.000.000 | 21.040.365.000.000 | 0,38 |
|  |  | 2019 | 12.444.795.000.000 | 22.129.440.000.000 | 0,56 |
|  |  | 2020 | 9.594.951.000.000 | 22.658.094.000.000 | 0,42 |
|  |  | 2021 | 11.499.439.000.000 | 28.658.152.000.000 | 0,40 |
|  |  | 2022 | 18.683.115.000.000 | 35.874.074.000.000 | 0,52 |
|  |  | 2023 | 15.479.659.000.000 | 34.134.343.000.000 | 0,45 |
| 6 | JSMR | 2018 | 11.629.996.000.000 | 31.081.475.000.000 | 0,37 |
|  |  | 2019 | 11.612.566.000.000 | 41.526.417.000.000 | 0,28 |
|  |  | 2020 | 10.705.995.000.000 | 14.928.687.000.000 | 0,72 |
|  |  | 2021 | 10.361.876.000.000 | 12.014.583.000.000 | 0,86 |
|  |  | 2022 | 12.487.212.000.000 | 12.142.988.000.000 | 1,03 |
|  |  | 2023 | 7.974.775.000.000 | 22.821.163.000.000 | 0,35 |
| 7 | LTLS | 2018 | 2.842.640.000.000 | 2.987.480.000.000 | 0,95 |
|  |  | 2019 | 2.508.089.000.000 | 2.971.594.000.000 | 0,84 |
|  |  | 2020 | 2.138.024.000.000 | 2.189.930.000.000 | 0,98 |
|  |  | 2021 | 2.772.844.000.000 | 2.438.070.000.000 | 1,14 |
|  |  | 2022 | 2.747.344.000.000 | 2.253.473.000.000 | 1,22 |
|  |  | 2023 | 2.518.719.000.000 | 2.141.580.000.000 | 1,18 |
| 8 | MEDC | 2018 | 3.788.113.609.229 | 2.436.913.490.674 | 1,55 |
|  |  | 2019 | 4.334.856.353.949 | 1.516.925.489.968 | 2,86 |
|  |  | 2020 | 10.951.466.639.811 | 8.047.935.055.165 | 1,36 |
|  |  | 2021 | 3.386.776.049.925 | 4.794.173.066.049 | 0,71 |
|  |  | 2022 | 4.259.751.529.968 | 2.067.118.999.073 | 2,06 |
|  |  | 2023 | 1.546.648.779.000 | 1.422.070.168.000 | 1,09 |
| 9 | MYOR | 2018 | 12.647.858.727.872 | 4.764.510.387.113 | 2,65 |
|  |  | 2019 | 12.776.102.781.513 | 3.726.359.539.201 | 3,43 |
|  |  | 2020 | 12.838.729.162.094 | 3.559.336.027.729 | 3,61 |
|  |  | 2021 | 12.969.783.874.643 | 5.570.773.468.770 | 2,33 |
|  |  | 2022 | 14.772.623.976.128 | 5.636.627.301.308 | 2,62 |
|  |  | 2023 | 14.738.922.387.529 | 4.013.200.501.414 | 3,67 |
| 10 | PJAA | 2018 | 989.040.941.426 | 1.230.669.572.911 | 0,80 |
|  |  | 2019 | 648.651.515.388 | 631.956.264.639 | 1,03 |
|  |  | 2020 | 464.727.000.000 | 1.570.437.000.000 | 0,30 |
|  |  | 2021 | 953.809.000.000 | 1.117.026.000.000 | 0,85 |
|  |  | 2022 | 564.063.000.000 | 935.623.000.000 | 0,60 |
|  |  | 2023 | 519.281.000.000 | 697.965.000.000 | 0,74 |
| 11 | PPRO | 2018 | 10.413.442.231.664 | 5.685.378.489.565 | 1,83 |
|  |  | 2019 | 12.684.155.509.975 | 7.147.437.444.680 | 1,77 |
|  |  | 2020 | 8.434.403.104.119 | 6.056.997.852.049 | 1,39 |
|  |  | 2021 | 13.368.116.150.617 | 7.562.356.662.423 | 1,77 |
|  |  | 2022 | 13.620.003.874.478 | 7.637.304.658.687 | 1,78 |
|  |  | 2023 | 12.597.278.321.200 | 12.477.301.729.748 | 1,01 |
| 12 | PTHK | 2018 | 14.813.363.000.000 | 16.937.331.000.000 | 0,87 |
|  |  | 2019 | 21.806.516.000.000 | 21.548.521.000.000 | 1,01 |
|  |  | 2020 | 23.767.820.000.000 | 38.093.957.000.000 | 0,62 |
|  |  | 2021 | 28.206.904.000.000 | 26.708.953.000.000 | 1,06 |
|  |  | 2022 | 40.836.176.000.000 | 20.723.714.000.000 | 1,97 |
|  |  | 2023 | 49.614.335.000.000 | 21.820.021.000.000 | 2,27 |
| 13 | SMGR | 2018 | 16.091.024.000.000 | 8.179.819.000.000 | 1,97 |
|  |  | 2019 | 16.658.531.000.000 | 12.240.252.000.000 | 1,36 |
|  |  | 2020 | 15.564.604.000.000 | 11.506.163.000.000 | 1,35 |
|  |  | 2021 | 15.270.235.000.000 | 14.210.166.000.000 | 1,07 |
|  |  | 2022 | 18.878.979.000.000 | 13.061.027.000.000 | 1,45 |
|  |  | 2023 | 19.782.972.000.000 | 16.111.660.000.000 | 1,23 |
| 14 | SMRA | 2018 | 10.498.095.322.000 | 7.229.216.830.000 | 1,45 |
|  |  | 2019 | 11.150.744.753.000 | 9.017.332.185.000 | 1,24 |
|  |  | 2020 | 11.888.917.644.000 | 8.359.155.158.000 | 1,42 |
|  |  | 2021 | 13.030.535.603.000 | 6.968.765.921.000 | 1,87 |
|  |  | 2022 | 1.429.062.058.000 | 9.501.274.376.000 | 0,15 |
|  |  | 2023 | 15.562.228.744.000 | 11.785.714.258.000 | 1,32 |
| 15 | TINS | 2018 | 9.016.657.000.000 | 6.635.425.000.000 | 1,36 |
|  |  | 2019 | 12.307.055.000.000 | 11.958.185.000.000 | 1,03 |
|  |  | 2020 | 6.557.264.000.000 | 5.865.165.000.000 | 1,12 |
|  |  | 2021 | 7.424.045.000.000 | 5.685.990.000.000 | 1,31 |
|  |  | 2022 | 5.634.787.000.000 | 2.547.165.000.000 | 2,21 |
|  |  | 2023 | 5.519.186.000.000 | 3.982.242.000.000 | 1,39 |
| 16 | TLKM | 2018 | 507.360.568.000 | 542.456.486.000 | 0,94 |
|  |  | 2019 | 501.790.494.000 | 702.003.963.000 | 0,71 |
|  |  | 2020 | 655.924.815.000 | 974.556.765.000 | 0,67 |
|  |  | 2021 | 874.361.513.000 | 986.430.239.000 | 0,89 |
|  |  | 2022 | 810.108.698.000 | 1.035.689.032.000 | 0,78 |
|  |  | 2023 | 857.330.008.000 | 1.103.292.288.000 | 0,78 |
| 17 | TPIA | 2018 | 20.211.377.877.000 | 9.850.700.250.000 | 2,05 |
|  |  | 2019 | 19.310.212.724.000 | 10.897.855.762.000 | 1,77 |
|  |  | 2020 | 21.187.755.225.000 | 12.184.082.365.000 | 1,74 |
|  |  | 2021 | 41.756.658.910.000 | 13.295.839.931.000 | 3,14 |
|  |  | 2022 | 35.890.968.664.000 | 9.559.461.273.000 | 3,75 |
|  |  | 2023 | 43.741.666.720.000 | 12.599.835.952.000 | 3,47 |
| 18 | WIKA | 2018 | 45.731.939.639.000 | 28.251.951.385.000 | 1,62 |
|  |  | 2019 | 42.335.471.858.000 | 30.349.456.945.000 | 1,39 |
|  |  | 2020 | 47.980.945.725.000 | 44.168.467.736.000 | 1,09 |
|  |  | 2021 | 37.186.634.112.000 | 36.969.569.903.000 | 1,01 |
|  |  | 2022 | 39.634.794.697.000 | 36.135.331.415.000 | 1,10 |
|  |  | 2023 | 30.801.655.982.000 | 38.437.293.595.000 | 0,80 |
| 19 | WSKT | 2018 | 66.989.129.822.191 | 56.799.725.099.343 | 1,18 |
|  |  | 2019 | 49.037.842.886.120 | 45.023.495.139.583 | 1,09 |
|  |  | 2020 | 32.538.762.593.246 | 48.237.835.913.277 | 0,67 |
|  |  | 2021 | 61.013.002.477.015 | 27.201.562.416.697 | 2,24 |
|  |  | 2022 | 64.802.073.704.397 | 21.452.886.385.290 | 3,02 |
|  |  | 2023 | 22.721.935.218.148 | 22.838.441.921.036 | 0,99 |
| 20 | ZINC | 2018 | 654.029.877.788 | 363.804.214.265 | 1,80 |
|  |  | 2019 | 424.428.805.102 | 285.523.262.923 | 1,49 |
|  |  | 2020 | 362.744.240.649 | 309.088.351.977 | 1,17 |
|  |  | 2021 | 713.997.609.183 | 107.682.042.891 | 6,63 |
|  |  | 2022 | 677.776.438.628 | 708.012.768.442 | 0,96 |
|  |  | 2023 | 568.137.151.966 | 439.600.408.651 | 1,29 |

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| No. | Kode | Tahun | Total Liabilitas | Total Ekuitas | DER |
| 1 | AKRA | 2018 | 1.001.401.926.000 | 9.926.831.339.000 | 0,10 |
|  |  | 2019 | 11.342.184.833.000 | 10.066.861.340.000 | 1,13 |
|  |  | 2020 | 8.127.216.543.000 | 10.556.356.272.000 | 0,77 |
|  |  | 2021 | 12.209.620.623.000 | 11.298.965.113.000 | 1,08 |
|  |  | 2022 | 14.032.797.261.000 | 13.154.810.775.000 | 1,07 |
|  |  | 2023 | 16.211.665.604.000 | 14.042.957.513.000 | 1,15 |
| 2 | BSDE | 2018 | 21.823.718.504.136 | 52.190.720.008.055 | 0,42 |
|  |  | 2019 | 20.915.564.099.313 | 54.540.978.397.964 | 0,38 |
|  |  | 2020 | 26.391.824.110.926 | 60.862.925.586.750 | 0,43 |
|  |  | 2021 | 25.575.995.151.814 | 35.893.717.013.842 | 0,71 |
|  |  | 2022 | 26.953.967.352.972 | 38.045.436.127.815 | 0,71 |
|  |  | 2023 | 25.626.062.282.715 | 41.201.586.203.678 | 0,62 |
| 3 | HRTA | 2018 | 444.308.333.455 | 1.092.723.219.024 | 0,41 |
|  |  | 2019 | 1.099.943.156.591 | 1.211.246.898.396 | 0,91 |
|  |  | 2020 | 1.472.553.226.961 | 1.358.133.190.500 | 1,08 |
|  |  | 2021 | 1.962.521.802.121 | 1.515.552.418.426 | 1,29 |
|  |  | 2022 | 2.126.513.311.957 | 1.722.573.240.682 | 1,23 |
|  |  | 2023 | 3.056.877.229.708 | 1.972.586.251.597 | 1,55 |
| 4 | INDF | 2018 | 46.620.996.000.000 | 49.916.800.000.000 | 0,93 |
|  |  | 2019 | 41.996.071.000.000 | 54.202.488.000.000 | 0,77 |
|  |  | 2020 | 83.357.830.000.000 | 79.653.950.000.000 | 1,05 |
|  |  | 2021 | 92.285.331.000.000 | 86.986.509.000.000 | 1,06 |
|  |  | 2022 | 86.810.262.000.000 | 93.623.038.000.000 | 0,93 |
|  |  | 2023 | 86.123.066.000.000 | 100.464.891.000.000 | 0,86 |
| 5 | ISAT | 2018 | 41.003.340.000.000 | 12.136.247.000.000 | 3,38 |
|  |  | 2019 | 49.105.807.000.000 | 13.707.193.000.000 | 3,58 |
|  |  | 2020 | 49.865.344.000.000 | 12.913.396.000.000 | 3,86 |
|  |  | 2021 | 53.094.346.000.000 | 10.302.802.000.000 | 5,15 |
|  |  | 2022 | 82.265.242.000.000 | 31.614.988.000.000 | 2,60 |
|  |  | 2023 | 81.013.457.000.000 | 33.708.792.000.000 | 2,40 |
| 6 | JSMR | 2018 | 62.219.614.000.000 | 20.198.989.000.000 | 3,08 |
|  |  | 2019 | 76.493.833.000.000 | 23.185.737.000.000 | 3,30 |
|  |  | 2020 | 79.311.031.000.000 | 25.500.315.000.000 | 3,11 |
|  |  | 2021 | 75.742.569.000.000 | 25.500.315.000.000 | 2,97 |
|  |  | 2022 | 65.517.793.000.000 | 25.621.389.000.000 | 2,56 |
|  |  | 2023 | 90.400.783.000.000 | 38.911.206.000.000 | 2,32 |
| 7 | LTLS | 2018 | 4.193.399.000.000 | 2.125.042.000.000 | 1,97 |
|  |  | 2019 | 3.703.024.000.000 | 2.160.180.000.000 | 1,71 |
|  |  | 2020 | 3.230.044.000.000 | 2.284.288.000.000 | 1,41 |
|  |  | 2021 | 3.480.106.000.000 | 2.737.881.000.000 | 1,27 |
|  |  | 2022 | 3.107.428.000.000 | 2.986.711.000.000 | 1,04 |
|  |  | 2023 | 2.655.480.000.000 | 2.973.060.000.000 | 0,89 |
| 8 | MEDC | 2018 | 10.499.149.140.211 | 4.701.975.742.730 | 2,23 |
|  |  | 2019 | 12.213.964.876.959 | 5.038.459.326.283 | 2,42 |
|  |  | 2020 | 13.166.725.148.435 | 5.180.391.122.735 | 2,54 |
|  |  | 2021 | 7.404.394.372.410 | 5.831.457.885.431 | 1,27 |
|  |  | 2022 | 8.789.164.694.142 | 6.732.466.731.339 | 1,31 |
|  |  | 2023 | 5.440.720.277.000 | 2.027.595.992.000 | 2,68 |
| 9 | MYOR | 2018 | 9.049.161.944.940 | 8.542.544.481.694 | 1,06 |
|  |  | 2019 | 9.137.978.611.155 | 9.899.940.195.318 | 0,92 |
|  |  | 2020 | 8.506.032.464.592 | 11.271.468.049.958 | 0,75 |
|  |  | 2021 | 8.557.621.869.393 | 11.380.031.396.135 | 0,75 |
|  |  | 2022 | 9.441.466.604.896 | 12.834.694.090.515 | 0,74 |
|  |  | 2023 | 8.588.315.775.736 | 15.282.089.186.736 | 0,56 |
| 10 | PJAA | 2018 | 2.235.763.648.124 | 2.125.630.641.747 | 1,05 |
|  |  | 2019 | 1.945.232.867.688 | 2.150.682.077.460 | 0,90 |
|  |  | 2020 | 2.280.833.000.000 | 1.761.786.000.000 | 1,29 |
|  |  | 2021 | 2.931.256.000.000 | 1.492.819.000.000 | 1,96 |
|  |  | 2022 | 2.331.855.000.000 | 1.560.929.000.000 | 1,49 |
|  |  | 2023 | 2.075.180.000.000 | 1.668.240.000.000 | 1,24 |
| 11 | PPRO | 2018 | 10.657.152.475.401 | 5.818.568.010.883 | 1,83 |
|  |  | 2019 | 13.459.622.235.742 | 6.125.058.340.691 | 2,20 |
|  |  | 2020 | 14.044.751.384.971 | 4.452.069.663.688 | 3,15 |
|  |  | 2021 | 16.588.283.290.255 | 4.498.143.793.320 | 3,69 |
|  |  | 2022 | 17.257.435.445.777 | 4.555.564.002.892 | 3,79 |
|  |  | 2023 | 16.406.624.892.865 | 3.286.763.595.782 | 4,99 |
| 12 | PTHK | 2018 | 53.917.493.000.000 | 10.615.914.000.000 | 5,08 |
|  |  | 2019 | 68.689.084.000.000 | 22.958.609.000.000 | 2,99 |
|  |  | 2020 | 79.190.300.000.000 | 31.799.462.000.000 | 2,49 |
|  |  | 2021 | 78.108.753.000.000 | 54.808.750.000.000 | 1,43 |
|  |  | 2022 | 71.536.878.000.000 | 84.779.539.000.000 | 0,84 |
|  |  | 2023 | 53.114.974.000.000 | 116.624.513.000.000 | 0,46 |
| 13 | SMGR | 2018 | 18.168.521.000.000 | 32.615.315.000.000 | 0,56 |
|  |  | 2019 | 43.915.143.000.000 | 33.891.924.000.000 | 1,30 |
|  |  | 2020 | 40.571.674.000.000 | 35.653.335.000.000 | 1,14 |
|  |  | 2021 | 34.940.122.000.000 | 39.782.883.000.000 | 0,88 |
|  |  | 2022 | 33.270.652.000.000 | 47.239.360.000.000 | 0,70 |
|  |  | 2023 | 31.769.553.000.000 | 47.800.976.000.000 | 0,66 |
| 14 | SMRA | 2018 | 14.238.537.503.000 | 9.060.704.565.000 | 1,57 |
|  |  | 2019 | 14.990.297.354.000 | 9.451.359.922.000 | 1,59 |
|  |  | 2020 | 15.836.845.684.000 | 9.085.688.540.000 | 1,74 |
|  |  | 2021 | 14.819.493.511.000 | 11.230.223.167.000 | 1,32 |
|  |  | 2022 | 16.683.534.371.000 | 11.750.040.507.000 | 1,42 |
|  |  | 2023 | 18.865.313.214.000 | 12.303.061.872.000 | 1,53 |
| 15 | TINS | 2018 | 9.072.333.000.000 | 6.148.352.000.000 | 1,48 |
|  |  | 2019 | 15.102.873.000.000 | 5.258.405.000.000 | 2,87 |
|  |  | 2020 | 9.577.564.000.000 | 4.940.136.000.000 | 1,94 |
|  |  | 2021 | 8.382.569.000.000 | 6.308.420.000.000 | 1,33 |
|  |  | 2022 | 6.025.073.000.000 | 7.041.903.000.000 | 0,86 |
|  |  | 2023 | 6.610.928.000.000 | 6.242.349.000.000 | 1,06 |
| 16 | TLKM | 2018 | 1.287.259.533.000 | 1.698.664.743.000 | 0,76 |
|  |  | 2019 | 1.445.120.158.000 | 1.629.892.250.000 | 0,89 |
|  |  | 2020 | 1.777.991.670.000 | 1.705.139.345.000 | 1,04 |
|  |  | 2021 | 1.880.440.165 | 2.074.698.331 | 0,91 |
|  |  | 2022 | 185.293.402.000 | 2.196.241.068.000 | 0,08 |
|  |  | 2023 | 2.011.479.680 | 2.413.559.792 | 0,83 |
| 17 | TPIA | 2018 | 1.403.409.000.000 | 1.770.077.000.000 | 0,79 |
|  |  | 2019 | 1.690.219.000.000 | 1.760.992.000.000 | 0,96 |
|  |  | 2020 | 1.782.319.000.000 | 1.811.428.000.000 | 0,98 |
|  |  | 2021 | 20.653.950.000.000 | 2.927.665.000.000 | 7,05 |
|  |  | 2022 | 2.120.765.000.000 | 2.809.106.000.000 | 0,75 |
|  |  | 2023 | 40.398.429.632 | 46.153.962.400 | 0,88 |
| 18 | WIKA | 2018 | 42.014.686.674.000 | 17.215.314.565.000 | 2,44 |
|  |  | 2019 | 51.451.760.142.000 | 16.657.425.071.000 | 3,09 |
|  |  | 2020 | 42.895.114.167.000 | 19.215.732.987.000 | 2,23 |
|  |  | 2021 | 51.950.716.634.000 | 17.435.077.712.000 | 2,98 |
|  |  | 2022 | 57.576.398.034 | 17.493.206.188 | 3,29 |
|  |  | 2023 | 56.409.622.846.000 | 9.571.613.042.000 | 5,89 |
| 19 | WSKT | 2018 | 95.504.462.872.769 | 28.887.118.750.867 | 3,31 |
|  |  | 2019 | 93.470.790.161.572 | 29.118.469.188.999 | 3,21 |
|  |  | 2020 | 89.011.405.294.715 | 16.577.554.765.290 | 5,37 |
|  |  | 2021 | 88.140.178.639.510 | 15.461.433.243.830 | 5,70 |
|  |  | 2022 | 83.987.631.948.790 | 14.244.684.680.766 | 5,90 |
|  |  | 2023 | 83.994.385.906.808 | 11.601.511.551.159 | 7,24 |
| 20 | ZINC | 2018 | 729.208.535.072 | 588.138.076.698 | 1,24 |
|  |  | 2019 | 648.343.183.551 | 780.957.987.674 | 0,83 |
|  |  | 2020 | 580.686.358.449 | 809.762.401.046 | 0,72 |
|  |  | 2021 | 1.171.122.620.364 | 887.270.775.052 | 1,32 |
|  |  | 2022 | 1.702.832.390.069 | 773.121.647.832 | 2,20 |
|  |  | 2023 | 1.858.749.611.165 | 744.467.018.537 | 2,50 |

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| No. | kode | Tahun | Ebit | Biaya Bunga | ICR |
| 1 | AKRA | 2018 | 890.156.150.000 | 109.792.484.000 | 8,11 |
|  |  | 2019 | 899.083.233.000 | 86.484.498.000 | 10,40 |
|  |  | 2020 | 1.226.718.840.000 | 74.283.971.000 | 16,51 |
|  |  | 2021 | 1.436.743.040.000 | 57.068.728.000 | 25,18 |
|  |  | 2022 | 3.085.916.786.000 | 57.212.531.000 | 53,94 |
|  |  | 2023 | 3.687.471.936.000 | 68.489.236.000 | 53,84 |
| 2 | BSDE | 2018 | 1.760.420.645.427 | 912.706.869.025 | 1,93 |
|  |  | 2019 | 3.185.097.516.458 | 1.043.353.008.806 | 3,05 |
|  |  | 2020 | 496.216.734.944 | 1.751.522.131.954 | 0,28 |
|  |  | 2021 | 1.547.006.489.870 | 1.644.706.378.815 | 0,94 |
|  |  | 2022 | 2.661.691.654.486 | 1.667.991.852.534 | 1,60 |
|  |  | 2023 | 2.269.737.255.284 | 1.618.745.644.976 | 1,40 |
| 3 | HRTA | 2018 | 165.784.070.062 | 42.346.460.707 | 3,91 |
|  |  | 2019 | 200.120.811.411 | 41.993.948.906 | 4,77 |
|  |  | 2020 | 218.204.833.971 | 114.084.173.921 | 1,91 |
|  |  | 2021 | 248.165.327.819 | 150.914.980.300 | 1,64 |
|  |  | 2022 | 326.183.131.521 | 217.135.304.417 | 1,50 |
|  |  | 2023 | 396.158.030.726 | 304.818.416.655 | 1,30 |
| 4 | INDF | 2018 | 7.446.966.000.000 | 2.022.215.000.000 | 3,68 |
|  |  | 2019 | 8.749.397.000.000 | 1.727.018.000.000 | 5,07 |
|  |  | 2020 | 12.889.087.000.000 | 1.875.812.000.000 | 6,87 |
|  |  | 2021 | 14.456.085.000.000 | 2.884.772.000.000 | 5,01 |
|  |  | 2022 | 12.318.765.000.000 | 7.998.890.000.000 | 1,54 |
|  |  | 2023 | 15.615.384.000.000 | 3.524.625.000.000 | 4,43 |
| 5 | ISAT | 2018 | 1.490.319.000.000 | 1.556.454.000.000 | 0,96 |
|  |  | 2019 | 1.587.191.000.000 | 2.760.866.000.000 | 0,57 |
|  |  | 2020 | 12.426.334.000.000,00 | 1.875.812.000.000 | 6,62 |
|  |  | 2021 | 7.506.974.000.000 | 3.001.596.000.000 | 2,50 |
|  |  | 2022 | 6.535.789.000.000 | 4.345.014.000.000 | 1,50 |
|  |  | 2023 | 5.931.583.000.000 | 4.724.609.000.000 | 1,26 |
| 6 | JSMR | 2018 | 3.210.309.000.000 | 1.839.660.000.000 | 1,75 |
|  |  | 2019 | 3.097.603.000.000 | 2.760.866.000.000 | 1,12 |
|  |  | 2020 | 6.964.510.000.000 | 3.647.949.000.000 | 1,91 |
|  |  | 2021 | 2.072.453.000.000 | 4.520.359.000.000 | 0,46 |
|  |  | 2022 | 3.725.795.000.000 | 3.885.342.000.000 | 0,96 |
|  |  | 2023 | 7.926.425.000.000 | 3.592.352.000.000 | 2,21 |
| 7 | LTLS | 2018 | 308.160.000.000 | 202.748.000.000 | 1,52 |
|  |  | 2019 | 304.273.000.000 | 225.136.000.000 | 1,35 |
|  |  | 2020 | 197.745.000.000 | 168.883.000.000 | 1,17 |
|  |  | 2021 | 440.608.000.000 | 121.288.000.000 | 3,63 |
|  |  | 2022 | 440.630.000.000 | 138.538.000.000 | 3,18 |
|  |  | 2023 | 233.840.000.000 | 95.757.000.000 | 2,44 |
| 8 | MEDC | 2018 | 202.189.789.000 | 188.990.540.000 | 1,07 |
|  |  | 2019 | 179.146.124.000 | 251.334.573.000 | 0,71 |
|  |  | 2020 | 502.148.296.818 | 1.781.522.131.954 | 0,28 |
|  |  | 2021 | 1.547.006.489.870 | 1.644.706.378.815 | 0,94 |
|  |  | 2022 | 1.046.109.327.000 | 259.424.691.000 | 4,03 |
|  |  | 2023 | 727.853.432.000 | 276.002.382.000 | 2,64 |
| 9 | MYOR | 2018 | 2.627.892.008.006 | 492.638.756.739 | 5,33 |
|  |  | 2019 | 3.172.264.551.034 | 355.074.879.758 | 8,93 |
|  |  | 2020 | 2.683.890.279.936 | 353.822.336.007 | 7,59 |
|  |  | 2021 | 1.549.667.556.666 | 320.535.214.640 | 4,83 |
|  |  | 2022 | 2.506.057.517.934 | 389.182.677.897 | 6,44 |
|  |  | 2023 | 4.093.715.832.812 | 302.577.139.458 | 13,53 |
| 10 | PJAA | 2018 | 344.722.198.697 | 77.637.628.027 | 4,44 |
|  |  | 2019 | 358.395.391.116 | 79.644.032.987 | 4,50 |
|  |  | 2020 | 374.573.000.000 | 85.069.000.000 | 4,40 |
|  |  | 2021 | 246.946.000.000 | 106.043.000.000 | 2,33 |
|  |  | 2022 | 181.500.000.000 | 89.428.000.000 | 2,03 |
|  |  | 2023 | 447.212.000.000 | 96.369.000.000 | 4,64 |
| 11 | PPRO | 2018 | 501.224.252.591 | 63.006.500.105 | 7,96 |
|  |  | 2019 | 361.702.480.201 | 73.631.592.000 | 4,91 |
|  |  | 2020 | 127.650.713.946 | 99.785.526.000 | 1,28 |
|  |  | 2021 | 22.725.420.519.000 | 135.552.203.283.000 | 0,17 |
|  |  | 2022 | 25.310.041.986.000 | 121.724.480.882.000 | 0,21 |
|  |  | 2023 | 357.115.000.000 | -983.536.047.582 | -0,36 |
| 12 | PTHK | 2018 | 2.397.605.000.000 | 293.484.000.000 | 8,17 |
|  |  | 2019 | 2.171.661.000.000 | 810.794.000.000 | 2,68 |
|  |  | 2020 | 1.910.816.000.000 | 2.554.192.000.000 | 0,75 |
|  |  | 2021 | 2.204.374.000.000 | 3.085.212.000.000 | 0,71 |
|  |  | 2022 | 1.258.204.000.000 | 3.105.614.000.000 | 0,41 |
|  |  | 2023 | 2.144.203.000.000 | 2.039.715.000.000 | 1,05 |
| 13 | SMGR | 2018 | 4.104.959.000.000 | 959.259.000.000 | 4,28 |
|  |  | 2019 | 3.195.775.000.000 | 3.205.298.000.000 | 1,00 |
|  |  | 2020 | 3.488.650.000.000 | 2.320.781.000.000 | 1,50 |
|  |  | 2021 | 3.470.137.000.000 | 1.627.731.000.000 | 2,13 |
|  |  | 2022 | 3.298.835.000.000 | 1.427.618.000.000 | 2,31 |
|  |  | 2023 | 3.303.760.000.000 | 1.390.231.000.000 | 2,38 |
| 14 | SMRA | 2018 | 969.027.135.000 | 6.851.987.970.000 | 0,14 |
|  |  | 2019 | 922.919.835.000 | 795.238.012.000 | 1,16 |
|  |  | 2020 | 439.767.516.000 | 1.032.511.501.000 | 0,43 |
|  |  | 2021 | 755.916.681.000 | 1.002.403.444.000 | 0,75 |
|  |  | 2022 | 1.017.856.287.000 | 857.100.188.000 | 1,19 |
|  |  | 2023 | 1.345.404.400.000 | 756.960.765.000 | 1,78 |
| 15 | TINS | 2018 | 199.058.000.000 | 352.812.000.000 | 0,56 |
|  |  | 2019 | 722.414.000.000 | 781.696.000.000 | 0,92 |
|  |  | 2020 | 269.760.000.000 | 607.370.000.000 | 0,44 |
|  |  | 2021 | 1.728.705.000.000 | 340.668.000.000 | 5,07 |
|  |  | 2022 | 1.406.628.000.000 | 207.282.000.000 | 6,79 |
|  |  | 2023 | 23.218.229.313.000 | 76.626.212.599.000 | 0,30 |
| 16 | TLKM | 2018 | 527.180.805.000 | 50.784.867.000 | 10,38 |
|  |  | 2019 | 526.959.108.000 | 58.940.240.000 | 8,94 |
|  |  | 2020 | 546.921.375.000 | 63.754.600.000 | 8,58 |
|  |  | 2021 | 623.241.382.000 | 62.284.185.000 | 10,01 |
|  |  | 2022 | 571.648.809.000 | 63.443.123.000 | 9,01 |
|  |  | 2023 | 628.880.304.000 | 71.715.232.000 | 8,77 |
| 17 | TPIA | 2018 | 3.679.578.657.000 | 742.629.123.000 | 4,95 |
|  |  | 2019 | 539.011.275.000 | 783.835.687.000 | 0,69 |
|  |  | 2020 | 406.774.095.000 | 916.458.270.000 | 0,44 |
|  |  | 2021 | 2.885.405.835.000 | 754.002.498.000 | 3,83 |
|  |  | 2022 | 2.776.128.225.000 | 1.258.936.199.000 | 2,21 |
|  |  | 2023 | 841.158.624.000 | 2.032.553.352.000 | 0,41 |
| 18 | WIKA | 2018 | 2.358.628.934.000 | 972.528.679.000 | 2,43 |
|  |  | 2019 | 2.789.255.688.000 | 884.252.228.000 | 3,15 |
|  |  | 2020 | 310.275.688.000 | 1.221.502.016.000 | 0,25 |
|  |  | 2021 | 196.664.427.000 | 1.157.283.771.000 | 0,17 |
|  |  | 2022 | 176.080.896.000 | 1.371.878.207.000 | 0,13 |
|  |  | 2023 | 7.765.545.396.000 | 3.206.109.247.000 | 2,42 |
| 19 | WSKT | 2018 | 5.536.442.504.008 | 2.459.241.670.378 | 2,25 |
|  |  | 2019 | 1.328.649.961.839 | 3.620.533.969.507 | 0,37 |
|  |  | 2020 | 9.024.905.368.500 | 4.877.332.458.300 | 1,85 |
|  |  | 2021 | 1.086.240.733.799 | 4.840.185.769.843 | 0,22 |
|  |  | 2022 | 1.240.774.727.573 | 4.286.996.169.770 | 0,29 |
|  |  | 2023 | 3.775.584.273.026 | 4.419.902.764.987 | 0,85 |
| 20 | ZINC | 2018 | 143.539.676.679 | 15.331.267.043 | 9,36 |
|  |  | 2019 | 244.113.427.371 | 59.612.916.687 | 4,09 |
|  |  | 2020 | 55.420.022.905 | 46.965.789.510 | 1,18 |
|  |  | 2021 | 113.118.604.985 | 68.622.746.627 | 1,65 |
|  |  | 2022 | 128.886.041.866 | 118.533.554.052 | 1,09 |
|  |  | 2023 | 23.218.229.313 | 76.626.212.599 | 0,30 |

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| No. | kode | Tahun | Total Aset | Ln |
| 1 | AKRA | 2018 | 19.940.850.599.000 | 30,62 |
|  |  | 2019 | 21.409.046.173.000 | 30,69 |
|  |  | 2020 | 18.683.572.815.000 | 30,56 |
|  |  | 2021 | 23.508.585.736.000 | 30,79 |
|  |  | 2022 | 27.187.608.036.000 | 30,93 |
|  |  | 2023 | 30.254.623.117.000 | 31,04 |
| 2 | BSDE | 2018 | 52.190.720.008.055 | 31,59 |
|  |  | 2019 | 54.540.978.397.964 | 31,63 |
|  |  | 2020 | 60.862.926.586.750 | 31,74 |
|  |  | 2021 | 61.469.712.165.656 | 31,75 |
|  |  | 2022 | 64.999.403.480.787 | 31,81 |
|  |  | 2023 | 66.827.648.486.393 | 31,83 |
| 3 | HRTA | 2018 | 1.537.031.552.479 | 28,06 |
|  |  | 2019 | 2.311.190.054.987 | 28,47 |
|  |  | 2020 | 2.830.686.417.461 | 28,67 |
|  |  | 2021 | 3.478.074.220.547 | 28,88 |
|  |  | 2022 | 3.849.086.552.639 | 28,98 |
|  |  | 2023 | 5.029.463.481.305 | 29,25 |
| 4 | INDF | 2018 | 96.198.559.000.000 | 32,20 |
|  |  | 2019 | 96.537.796.000.000 | 32,20 |
|  |  | 2020 | 163.011.780.000.000 | 32,72 |
|  |  | 2021 | 179.271.840.000.000 | 32,82 |
|  |  | 2022 | 180.433.300.000.000 | 32,83 |
|  |  | 2023 | 186.587.957.000.000 | 32,86 |
| 5 | ISAT | 2018 | 53.139.587.000.000 | 31,60 |
|  |  | 2019 | 62.813.000.000.000 | 31,77 |
|  |  | 2020 | 62.778.740.000.000 | 31,77 |
|  |  | 2021 | 63.397.148.000.000 | 31,78 |
|  |  | 2022 | 113.880.230.000.000 | 32,37 |
|  |  | 2023 | 114.722.249.000.000 | 32,37 |
| 6 | JSMR | 2018 | 82.418.603.000.000 | 32,04 |
|  |  | 2019 | 99.679.570.000.000 | 32,23 |
|  |  | 2020 | 104.086.646.000.000 | 32,28 |
|  |  | 2021 | 101.242.884.000.000 | 32,25 |
|  |  | 2022 | 91.139.182.000.000 | 32,14 |
|  |  | 2023 | 129.311.989.000.000 | 32,49 |
| 7 | LTLS | 2018 | 6.318.441.000.000 | 29,47 |
|  |  | 2019 | 5.863.204.000.000 | 29,40 |
|  |  | 2020 | 5.514.332.000.000 | 29,34 |
|  |  | 2021 | 6.217.987.000.000 | 29,46 |
|  |  | 2022 | 6.094.139.000.000 | 29,44 |
|  |  | 2023 | 5.628.540.000.000 | 29,36 |
| 8 | MEDC | 2018 | 15.201.124.882.941 | 30,35 |
|  |  | 2019 | 17.252.424.203.242 | 30,48 |
|  |  | 2020 | 18.347.116.271.170 | 30,54 |
|  |  | 2021 | 13.235.852.257.841 | 30,21 |
|  |  | 2022 | 15.521.631.425.481 | 30,37 |
|  |  | 2023 | 7.468.316.269.000 | 29,64 |
| 9 | MYOR | 2018 | 17.591.706.426.634 | 30,50 |
|  |  | 2019 | 19.037.918.805.473 | 30,58 |
|  |  | 2020 | 19.777.500.514.550 | 30,62 |
|  |  | 2021 | 19.917.653.265.528 | 30,62 |
|  |  | 2022 | 22.276.160.695.411 | 30,73 |
|  |  | 2023 | 23.870.404.962.472 | 30,80 |
| 10 | PJAA | 2018 | 4.361.394.289.871 | 29,10 |
|  |  | 2019 | 4.095.914.945.148 | 29,04 |
|  |  | 2020 | 4.042.618.820.057 | 29,03 |
|  |  | 2021 | 4.424.075.000.000 | 29,12 |
|  |  | 2022 | 3.892.784.000.000 | 28,99 |
|  |  | 2023 | 3.743.420.000.000 | 28,95 |
| 11 | PPRO | 2018 | 16.475.720.486.284 | 30,43 |
|  |  | 2019 | 19.584.680.576.433 | 30,61 |
|  |  | 2020 | 18.496.821.048.659 | 30,55 |
|  |  | 2021 | 21.086.427.083.575 | 30,68 |
|  |  | 2022 | 21.812.999.448.669 | 30,71 |
|  |  | 2023 | 19.693.388.488.647 | 30,61 |
| 12 | PTHK | 2018 | 64.533.407.000.000 | 31,80 |
|  |  | 2019 | 91.647.693.000.000 | 32,15 |
|  |  | 2020 | 110.989.762.000.000 | 32,34 |
|  |  | 2021 | 132.917.503.000.000 | 32,52 |
|  |  | 2022 | 156.316.417.000.000 | 32,68 |
|  |  | 2023 | 169.739.487.000.000 | 32,77 |
| 13 | SMGR | 2018 | 50.783.836.000.000 | 31,56 |
|  |  | 2019 | 79.807.067.000.000 | 32,01 |
|  |  | 2020 | 78.006.244.000.000 | 31,99 |
|  |  | 2021 | 76.504.240.000.000 | 31,97 |
|  |  | 2022 | 82.960.012.000.000 | 32,05 |
|  |  | 2023 | 81.820.529.000.000 | 32,04 |
| 14 | SMRA | 2018 | 23.299.242.068.000 | 30,78 |
|  |  | 2019 | 24.441.657.276.000 | 30,83 |
|  |  | 2020 | 24.922.534.224.000 | 30,85 |
|  |  | 2021 | 26.049.716.678.000 | 30,89 |
|  |  | 2022 | 28.433.574.878.000 | 30,98 |
|  |  | 2023 | 31.168.375.086.000 | 31,07 |
| 15 | TINS | 2018 | 15.220.685.000.000 | 30,35 |
|  |  | 2019 | 20.361.278.000.000 | 30,64 |
|  |  | 2020 | 14.517.700.000.000 | 30,31 |
|  |  | 2021 | 14.690.989.000.000 | 30,32 |
|  |  | 2022 | 13.066.976.000.000 | 30,20 |
|  |  | 2023 | 12.853.277.000.000 | 30,18 |
| 16 | TLKM | 2018 | 2.417.854.296.000 | 28,51 |
|  |  | 2019 | 2.660.468.616.000 | 28,61 |
|  |  | 2020 | 3.483.131.015.000 | 28,88 |
|  |  | 2021 | 3.955.138.496.000 | 29,01 |
|  |  | 2022 | 4.049.175.088.000 | 29,03 |
|  |  | 2023 | 4.491.059.132.000 | 29,13 |
| 17 | TPIA | 2018 | 45.955.250.766.000 | 31,46 |
|  |  | 2019 | 47.975.284.111.000 | 31,50 |
|  |  | 2020 | 50.685.950.770.000 | 31,56 |
|  |  | 2021 | 71.245.973.140.000 | 31,90 |
|  |  | 2022 | 77.551.800.701.000 | 31,98 |
|  |  | 2023 | 86.552.393.032 | 25,18 |
| 18 | WIKA | 2018 | 59.230.001.239.000 | 31,71 |
|  |  | 2019 | 19.775.375.296.000 | 30,62 |
|  |  | 2020 | 68.109.185.213.000 | 31,85 |
|  |  | 2021 | 69.385.794.346.000 | 31,87 |
|  |  | 2022 | 75.069.604.222.000 | 31,95 |
|  |  | 2023 | 65.981.235.888.000 | 31,82 |
| 19 | WSKT | 2018 | 124.391.581.623.636 | 32,45 |
|  |  | 2019 | 122.589.259.350.571 | 32,44 |
|  |  | 2020 | 105.588.960.060.005 | 32,29 |
|  |  | 2021 | 103.601.611.883.340 | 32,27 |
|  |  | 2022 | 98.232.316.628.846 | 32,22 |
|  |  | 2023 | 95.595.897.457.967 | 32,19 |
| 20 | ZINC | 2018 | 1.317.346.611.770 | 27,91 |
|  |  | 2019 | 1.429.301.171.225 | 27,99 |
|  |  | 2020 | 1.390.448.759.495 | 27,96 |
|  |  | 2021 | 2.058.393.395.416 | 28,35 |
|  |  | 2022 | 2.475.954.037.901 | 28,54 |
|  |  | 2023 | 2.603.216.629.702 | 28,59 |

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| No. | kode | Tahun | Skor | Nilai |
| 1 | AKRA | 2018 | 15 | idAA- |
|  |  | 2019 | 15 | idAA- |
|  |  | 2020 | 15 | idAA- |
|  |  | 2021 | 15 | idAA- |
|  |  | 2022 | 15 | idAA- |
|  |  | 2023 | 16 | idAA |
| 2 | BSDE | 2018 | 15 | idAA- |
|  |  | 2019 | 15 | idAA- |
|  |  | 2020 | 15 | idAA- |
|  |  | 2021 | 15 | idAA- |
|  |  | 2022 | 15 | idAA- |
|  |  | 2023 | 15 | idAA- |
| 3 | HRTA | 2018 | 12 | idA- |
|  |  | 2019 | 12 | idA- |
|  |  | 2020 | 12 | idA- |
|  |  | 2021 | 12 | idA- |
|  |  | 2022 | 12 | idA- |
|  |  | 2023 | 12 | idA- |
| 4 | INDF | 2018 | 17 | idAA+ |
|  |  | 2019 | 17 | idAA+ |
|  |  | 2020 | 17 | idAA+ |
|  |  | 2021 | 17 | idAA+ |
|  |  | 2022 | 17 | idAA+ |
|  |  | 2023 | 17 | idAA+ |
| 5 | ISAT | 2018 | 18 | idAAA |
|  |  | 2019 | 18 | idAAA |
|  |  | 2020 | 18 | idAAA |
|  |  | 2021 | 18 | idAAA |
|  |  | 2022 | 18 | idAAA |
|  |  | 2023 | 18 | idAAA |
| 6 | JSMR | 2018 | 16 | idAA |
|  |  | 2019 | 16 | idAA |
|  |  | 2020 | 15 | idAA- |
|  |  | 2021 | 15 | idAA- |
|  |  | 2022 | 16 | idAA |
|  |  | 2023 | 16 | idAA |
| 7 | LTLS | 2018 | 12 | idA- |
|  |  | 2019 | 12 | idA- |
|  |  | 2020 | 12 | idA- |
|  |  | 2021 | 12 | idA- |
|  |  | 2022 | 13 | idA |
|  |  | 2023 | 13 | idA |
| 8 | MEDC | 2018 | 14 | idA+ |
|  |  | 2019 | 14 | idA+ |
|  |  | 2020 | 14 | idA+ |
|  |  | 2021 | 14 | idA+ |
|  |  | 2022 | 15 | idAA- |
|  |  | 2023 | 15 | idAA- |
| 9 | MYOR | 2018 | 16 | idAA |
|  |  | 2019 | 16 | idAA |
|  |  | 2020 | 16 | idAA |
|  |  | 2021 | 16 | idAA |
|  |  | 2022 | 16 | idAA |
|  |  | 2023 | 16 | idAA |
| 10 | PJAA | 2018 | 15 | idAA- |
|  |  | 2019 | 14 | idA+ |
|  |  | 2020 | 13 | idA |
|  |  | 2021 | 13 | idA |
|  |  | 2022 | 13 | idA |
|  |  | 2023 | 14 | idA+ |
| 11 | PPRO | 2018 | 10 | idBBB |
|  |  | 2019 | 10 | idBBB |
|  |  | 2020 | 9 | idBBB- |
|  |  | 2021 | 9 | idBBB- |
|  |  | 2022 | 9 | idBBB- |
|  |  | 2023 | 9 | idBBB- |
| 12 | PTHK | 2018 | 13 | idA |
|  |  | 2019 | 13 | idA |
|  |  | 2020 | 13 | idA |
|  |  | 2021 | 13 | idA |
|  |  | 2022 | 15 | idAA- |
|  |  | 2023 | 15 | idAA- |
| 13 | SMGR | 2018 | 17 | idAA+ |
|  |  | 2019 | 17 | idAA+ |
|  |  | 2020 | 16 | idAA |
|  |  | 2021 | 17 | idAA+ |
|  |  | 2022 | 17 | idAA+ |
|  |  | 2023 | 17 | idAA+ |
| 14 | SMRA | 2018 | 13 | idA |
|  |  | 2019 | 13 | idA |
|  |  | 2020 | 13 | idA |
|  |  | 2021 | 14 | IdA+ |
|  |  | 2022 | 14 | idA+ |
|  |  | 2023 | 14 | idA+ |
| 15 | TINS | 2018 | 14 | idA+ |
|  |  | 2019 | 14 | idA+ |
|  |  | 2020 | 13 | idA |
|  |  | 2021 | 13 | idA |
|  |  | 2022 | 13 | idA |
|  |  | 2023 | 13 | idA |
| 16 | TLKM | 2018 | 18 | idAAA |
|  |  | 2019 | 18 | idAAA |
|  |  | 2020 | 18 | idAAA |
|  |  | 2021 | 18 | idAAA |
|  |  | 2022 | 18 | idAAA |
|  |  | 2023 | 18 | idAAA |
| 17 | TPIA | 2018 | 15 | idAA- |
|  |  | 2019 | 15 | idAA- |
|  |  | 2020 | 15 | idAA- |
|  |  | 2021 | 15 | idAA- |
|  |  | 2022 | 15 | idAA- |
|  |  | 2023 | 15 | idAA- |
| 18 | WIKA | 2018 | 11 | idBBB+ |
|  |  | 2019 | 10 | idBBB |
|  |  | 2020 | 9 | idBBB- |
|  |  | 2021 | 9 | idBBB- |
|  |  | 2022 | 13 | idA |
|  |  | 2023 | 2 | idCCC |
| 19 | WSKT | 2018 | 12 | idA- |
|  |  | 2019 | 12 | idA- |
|  |  | 2020 | 10 | idBBB |
|  |  | 2021 | 10 | idBBB |
|  |  | 2022 | 10 | idBBB |
|  |  | 2023 | 4 | idB |
| 20 | ZINC | 2018 | 10 | idBBB |
|  |  | 2019 | 10 | idBBB |
|  |  | 2020 | 10 | idBBB |
|  |  | 2021 | 10 | idBBB |
|  |  | 2022 | 10 | idBBB |
|  |  | 2023 | 2 | idCCC |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| No | NAMA  PERUSAHAAN | RASIO *LEVERAGE* | | | | | |
| 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|  | PT AKR Corporindo Tbk | 0,10 | 1,13 | 0,77 | 1,08 | 1,07 | 1,15 |
|  | PT Bumi Serpong Damai Tbk | 0,42 | 0,38 | 0,43 | 0,71 | 0,71 | 0,62 |
|  | PT Hartadinata Abadi Tbk | 0,41 | 0,91 | 1,08 | 1,29 | 1,23 | 1,55 |
|  | PT Indofood Suksek Makmur Tbk | 0,93 | 0,77 | 1,05 | 1,06 | 0,93 | 0,86 |
|  | PT Indosat Tbk | 3,38 | 3,58 | 3,86 | 5,15 | 2,60 | 2,40 |
|  | PT Jasa Marga (Persero) Tbk | 3,08 | 3,30 | 3,11 | 2,97 | 2,56 | 2,32 |
|  | PT Lautan Luas Tbk | 1,97 | 1,71 | 1,41 | 1,27 | 1,04 | 0,89 |
|  | PT Medro Energi Internasional Tbk | 2,23 | 2,42 | 2,54 | 1,27 | 1,31 | 2,68 |
|  | PT Mayora Indah Tbk | 1,06 | 0,92 | 0,75 | 0,75 | 0,74 | 0,56 |
|  | PT Pembangunan Jaya Ancol Tbk | 1,05 | 0,90 | 1,29 | 1,96 | 1,49 | 1,24 |
|  | PT PP Properti Tbk | 1,83 | 2,20 | 3,15 | 3,69 | 3,79 | 4,99 |
|  | PT Hutama Karya (Persero) Tbk | 5,08 | 2,99 | 2,49 | 1,43 | 0,84 | 0,46 |
|  | PT Semen Indonesia (Persero) Tbk | 0,56 | 1,30 | 1,14 | 0,88 | 0,70 | 0,66 |
|  | PT Summarecon Agung Tbk | 1,57 | 1,59 | 1,74 | 1,32 | 1,42 | 1,53 |
|  | PT Timah Tbk | 1,48 | 2,87 | 1,94 | 1,33 | 0,86 | 1,06 |
|  | PT Telekomunikasi Indonesia (Persero) Tbk | 0,76 | 0,89 | 1,04 | 0,91 | 0,08 | 0,83 |
|  | PT Chandra Asri Petrochemical Tbk | 0,79 | 0,96 | 0,98 | 7,05 | 0,75 | 0,88 |
|  | PT Wijaya Karya (Persero) Tbk | 2,44 | 2,23 | 3,09 | 2,98 | 3,29 | 5,89 |
|  | PT Waskita Karya (Persero) Tbk | 3,31 | 3,21 | 5,37 | 5,70 | 5,90 | 7,24 |
|  | PT Kapuas Prima Coal Tbk | 1,24 | 0,83 | 0,72 | 1,32 | 2,20 | 2,50 |

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| No. | NAMA  PERUSAHAAN | RASIO LIKUIDITAS | | | | | |
| 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|  | PT AKR Corporindo Tbk | 1,40 | 1,24 | 1,58 | 1,29 | 1,40 | 1,45 |
|  | PT Bumi Serpong Damai Tbk | 3,35 | 3,93 | 2,37 | 2,59 | 2,61 | 2,47 |
|  | PT Hartadinata Abadi Tbk | 3,69 | 10,07 | 12,76 | 4,66 | 3,76 | 2,21 |
|  | PT Indofood Suksek Makmur Tbk | 1,07 | 1,27 | 1,37 | 1,34 | 1,79 | 1,92 |
|  | PT Indosat Tbk | 0,38 | 0,56 | 0,42 | 0,40 | 0,52 | 0,45 |
|  | PT Jasa Marga (Persero) Tbk | 0,37 | 0,28 | 0,72 | 0,86 | 1,03 | 0,35 |
|  | PT Lautan Luas Tbk | 0,95 | 0,84 | 0,98 | 1,14 | 1,22 | 1,18 |
|  | PT Medro Energi Internasional Tbk | 1,55 | 2,86 | 1,36 | 0,71 | 2,06 | 1,09 |
|  | PT Mayora Indah Tbk | 2,65 | 3,43 | 3,61 | 2,33 | 2,62 | 3,67 |
|  | PT Pembangunan Jaya Ancol Tbk | 0,80 | 1,03 | 0,30 | 0,85 | 0,60 | 0,74 |
|  | PT PP Properti Tbk | 1,83 | 1,77 | 1,39 | 1,77 | 1,78 | 1,01 |
|  | PT Hutama Karya (Persero) Tbk | 0,87 | 1,01 | 0,62 | 1,06 | 1,97 | 2,27 |
|  | PT Semen Indonesia (Persero) Tbk | 1,97 | 1,36 | 1,35 | 1,07 | 1,45 | 1,23 |
|  | PT Summarecon Agung Tbk | 1,45 | 1,24 | 1,42 | 1,87 | 0,15 | 1,32 |
|  | PT Timah Tbk | 1,36 | 1,03 | 1,12 | 1,31 | 2,21 | 1,39 |
|  | PT Telekomunikasi Indonesia (Persero) Tbk | 0,94 | 0,71 | 0,67 | 0,89 | 0,78 | 0,78 |
|  | PT Chandra Asri Petrochemical Tbk | 2,05 | 1,77 | 1,74 | 3,14 | 3,75 | 3,47 |
|  | PT Wijaya Karya (Persero) Tbk | 1,62 | 1,39 | 1,09 | 1,01 | 1,10 | 0,80 |
|  | PT Waskita Karya (Persero) Tbk | 1,18 | 1,09 | 0,67 | 2,24 | 3,02 | 0,99 |
|  | PT Kapuas Prima Coal Tbk | 1,80 | 1,49 | 1,17 | 6,63 | 0,96 | 1,29 |

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| No. | NAMA  PERUSAHAAN | *COVERAGE RATIO* | | | | | |
| 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|  | PT AKR Corporindo Tbk | 8,11 | 10,40 | 16,51 | 25,18 | 53,94 | 53,84 |
|  | PT Bumi Serpong Damai Tbk | 1,93 | 3,05 | 0,28 | 0,94 | 1,60 | 1,40 |
|  | PT Hartadinata Abadi Tbk | 3,91 | 4,77 | 1,91 | 1,64 | 1,50 | 1,30 |
|  | PT Indofood Sukses Makmur Tbk | 3,68 | 5,07 | 6,87 | 5,01 | 1,54 | 4,43 |
|  | PT Indosat Tbk | -0,96 | 0,57 | 6,62 | 2,50 | 1,50 | 1,26 |
|  | PT Jasa Marga (Persero) Tbk | 1,75 | 1,12 | 1,91 | 0,46 | 0,96 | 2,21 |
|  | PT Lautan Luas Tbk | 1,52 | 1,35 | 1,17 | 3,63 | 3,18 | 2,44 |
|  | PT Medro Energi Internasional Tbk | 1,07 | 0,71 | 0,28 | 0,94 | 4,03 | 2,64 |
|  | PT Mayora Indah Tbk | 5,33 | 8,93 | 7,59 | 4,83 | 6,44 | 13,53 |
|  | PT Pembangunan Jaya Ancol Tbk | 4,44 | 4,50 | 4,40 | -2,33 | 2,03 | 4,64 |
|  | PT PP Properti Tbk | 7,96 | 4,91 | 1,28 | 0,17 | 0,21 | 0,36 |
|  | PT Hutama Karya (Persero) Tbk | 8,17 | 2,68 | -0,75 | -0,71 | -0,41 | 1,05 |
|  | PT Semen Indonesia (Persero) Tbk | 4,28 | 1,00 | 1,50 | 2,13 | 2,31 | 2,38 |
|  | PT Summarecon Agung Tbk | 0,14 | 1,16 | 0,43 | 0,75 | 1,19 | 1,78 |
|  | PT Timah Tbk | 0,56 | -0,92 | -0,44 | 5,07 | 6,79 | -0,30 |
|  | PT Telekomunikasi Indonesia (Persero) Tbk | 10,38 | 8,94 | 8,58 | 10,01 | 9,01 | 8,77 |
|  | PT Chandra Asri Petrochemical Tbk | 4,95 | 0,69 | 0,44 | 3,83 | -2,21 | 0,41 |
|  | PT Wijaya Karya (Persero) Tbk | 2,43 | 3,15 | 0,25 | 0,17 | 0,13 | -2,42 |
|  | PT Waskita Karya (Persero) Tbk | 2,25 | 0,37 | -1,85 | -0,22 | -0,29 | -0,85 |
|  | PT Kapuas Prima Coal Tbk | 9,36 | 4,09 | 1,18 | 1,65 | -1,09 | 0,30 |

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| No. | NAMA  PERUSAHAAN | UKURAN PERUSAHAAN | | | | | |
| 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|  | PT AKR Corporindo Tbk | 30,62 | 30,69 | 30,56 | 30,79 | 30,93 | 31,04 |
|  | PT Bumi Serpong Damai Tbk | 31,59 | 31,63 | 31,74 | 31,75 | 31,81 | 31,83 |
|  | PT Hartadinata Abadi Tbk | 28,06 | 28,47 | 28,67 | 28,88 | 28,98 | 29,25 |
|  | PT Indofood Suksek Makmur Tbk | 32,20 | 32,20 | 32,72 | 32,82 | 32,83 | 32,86 |
|  | PT Indosat Tbk | 31,60 | 31,77 | 31,77 | 31,78 | 32,37 | 32,37 |
|  | PT Jasa Marga (Persero) Tbk | 32,04 | 32,23 | 32,28 | 32,25 | 32,14 | 32,49 |
|  | PT Lautan Luas Tbk | 29,47 | 29,40 | 29,34 | 29,46 | 29,44 | 29,36 |
|  | PT Medro Energi Internasional Tbk | 30,35 | 30,48 | 30,54 | 30,21 | 30,37 | 29,64 |
|  | PT Mayora Indah Tbk | 30,50 | 30,58 | 30,62 | 30,62 | 30,73 | 30,80 |
|  | PT Pembangunan Jaya Ancol Tbk | 29,10 | 29,04 | 29,03 | 29,12 | 28,99 | 28,95 |
|  | PT PP Properti Tbk | 30,43 | 30,61 | 30,55 | 30,68 | 30,71 | 30,61 |
|  | PT Hutama Karya (Persero) Tbk | 31,80 | 32,15 | 32,34 | 32,52 | 32,68 | 32,77 |
|  | PT Semen Indonesia (Persero) Tbk | 31,56 | 32,01 | 31,99 | 31,97 | 32,05 | 32,04 |
|  | PT Summarecon Agung Tbk | 30,78 | 30,83 | 30,85 | 30,89 | 30,98 | 31,07 |
|  | PT Timah Tbk | 30,35 | 30,64 | 30,31 | 30,32 | 30,20 | 30,18 |
|  | PT Telekomunikasi Indonesia (Persero) Tbk | 28,51 | 28,61 | 28,88 | 29,01 | 29,03 | 29,13 |
|  | PT Chandra Asri Petrochemical Tbk | 31,46 | 31,50 | 31,56 | 31,90 | 31,98 | 25,18 |
|  | PT Wijaya Karya (Persero) Tbk | 31,71 | 30,62 | 31,85 | 31,87 | 31,95 | 31,82 |
|  | PT Waskita Karya (Persero) Tbk | 32,45 | 32,44 | 32,29 | 32,27 | 32,22 | 32,19 |
|  | PT Kapuas Prima Coal Tbk | 27,91 | 27,99 | 27,96 | 28,35 | 28,54 | 28,59 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Kode | Tahun | DER (X1) | CR (X2) | | ICR (X4) | SIZE (X4) | | NILAI (Y) | PERINGKAT  (Y) |
| 1 | AKRA | 2018 | 1,40 | | 0,10 | 8,11 | | 30,62 | 15 | idAA- |
|  |  | 2019 | 1,24 | | 1,13 | 10,40 | | 30,69 | 15 | idAA- |
|  |  | 2020 | 1,58 | | 0,77 | 16,51 | | 30,56 | 15 | idAA- |
|  |  | 2021 | 1,29 | | 1,08 | 25,18 | | 30,79 | 15 | idAA- |
|  |  | 2022 | 1,40 | | 1,07 | 53,94 | | 30,93 | 15 | idAA- |
|  |  | 2023 | 1,45 | | 1,15 | 53,84 | | 31,04 | 16 | idAA |
| 2 | BSDE | 2018 | 3,35 | | 0,42 | 1,93 | | 31,59 | 15 | idAA- |
|  |  | 2019 | 3,93 | | 0,38 | 3,05 | | 31,63 | 15 | idAA- |
|  |  | 2020 | 2,37 | | 0,43 | 0,28 | | 31,74 | 15 | idAA- |
|  |  | 2021 | 2,59 | | 0,71 | 0,94 | | 31,75 | 15 | idAA- |
|  |  | 2022 | 2,61 | | 0,71 | 1,60 | | 31,81 | 15 | idAA- |
|  |  | 2023 | 2,47 | | 0,62 | 1,40 | | 31,83 | 15 | idAA- |
| 3 | HRTA | 2018 | 3,69 | | 0,41 | 3,91 | | 28,06 | 12 | idA- |
|  |  | 2019 | 10,07 | | 0,91 | 4,77 | | 28,47 | 12 | idA- |
|  |  | 2020 | 12,76 | | 1,08 | 1,91 | | 28,67 | 12 | idA- |
|  |  | 2021 | 4,66 | | 1,29 | 1,64 | | 28,88 | 12 | idA- |
|  |  | 2022 | 3,76 | | 1,23 | 1,50 | | 28,98 | 12 | idA- |
|  |  | 2023 | 2,21 | | 1,55 | 1,30 | | 29,25 | 12 | idA- |
| 4 | INDF | 2018 | 1,07 | | 0,93 | 3,68 | | 32,20 | 17 | idAA+ |
|  |  | 2019 | 1,27 | | 0,77 | 5,07 | | 32,20 | 17 | idAA+ |
|  |  | 2020 | 1,37 | | 1,05 | 6,87 | | 32,72 | 17 | idAA+ |
|  |  | 2021 | 1,34 | | 1,06 | 5,01 | | 32,82 | 17 | idAA+ |
|  |  | 2022 | 1,79 | | 0,93 | 1,54 | | 32,83 | 17 | idAA+ |
|  |  | 2023 | 1,92 | | 0,86 | 4,43 | | 32,86 | 17 | idAA+ |
| 5 | ISAT | 2018 | 0,38 | | 3,38 | 0,96 | | 31,60 | 18 | idAAA |
|  |  | 2019 | 0,56 | | 3,58 | 0,57 | | 31,77 | 18 | idAAA |
|  |  | 2020 | 0,42 | | 3,86 | 6,62 | | 31,77 | 18 | idAAA |
|  |  | 2021 | 0,40 | | 5,15 | 2,50 | | 31,78 | 18 | idAAA |
|  |  | 2022 | 0,52 | | 2,60 | 1,50 | | 32,37 | 18 | idAAA |
|  |  | 2023 | 0,45 | | 2,40 | 1,26 | | 32,37 | 18 | idAAA |
| 6 | JSMR | 2018 | 0,37 | | 3,08 | 1,75 | | 32,04 | 16 | idAA |
|  |  | 2019 | 0,28 | | 3,30 | 1,12 | | 32,23 | 16 | idAA |
|  |  | 2020 | 0,72 | | 3,11 | 1,91 | | 32,28 | 15 | idAA- |
|  |  | 2021 | 0,86 | | 2,97 | 0,46 | | 32,25 | 15 | idAA- |
|  |  | 2022 | 1,03 | | 2,56 | 0,96 | | 32,14 | 16 | idAA |
|  |  | 2023 | 0,35 | | 2,32 | 2,21 | | 32,49 | 16 | idAA |
| 7 | LTLS | 2018 | 0,95 | | 1,97 | 1,52 | | 29,47 | 12 | idA- |
|  |  | 2019 | 0,84 | | 1,71 | 1,35 | | 29,40 | 12 | idA- |
|  |  | 2020 | 0,98 | | 1,41 | 1,17 | | 29,34 | 12 | idA- |
|  |  | 2021 | 1,14 | | 1,27 | 3,63 | | 29,46 | 12 | idA- |
|  |  | 2022 | 1,22 | | 1,04 | 3,18 | | 29,44 | 13 | idA |
|  |  | 2023 | 1,18 | | 0,89 | 2,44 | | 29,36 | 13 | idA |
| 8 | MEDC | 2018 | 1,55 | | 2,23 | 1,07 | | 30,35 | 14 | idA+ |
|  |  | 2019 | 2,86 | | 2,42 | 0,71 | | 30,48 | 14 | idA+ |
|  |  | 2020 | 1,36 | | 2,54 | 0,28 | | 30,54 | 14 | idA+ |
|  |  | 2021 | 0,71 | | 1,27 | 0,94 | | 30,21 | 14 | idA+ |
|  |  | 2022 | 2,06 | | 1,31 | 4,03 | | 30,37 | 15 | idAA- |
|  |  | 2023 | 1,09 | | 2,68 | 2,64 | | 29,64 | 15 | idAA- |
| 9 | MYOR | 2018 | 2,65 | | 1,06 | 5,33 | | 30,50 | 16 | idAA |
|  |  | 2019 | 3,43 | | 0,92 | 8,93 | | 30,58 | 16 | idAA |
|  |  | 2020 | 3,61 | | 0,75 | 7,59 | | 30,62 | 16 | idAA |
|  |  | 2021 | 2,33 | | 0,75 | 4,83 | | 30,62 | 16 | idAA |
|  |  | 2022 | 2,62 | | 0,74 | 6,44 | | 30,73 | 16 | idAA |
|  |  | 2023 | 3,67 | | 0,56 | 13,53 | | 30,80 | 16 | idAA |
| 10 | PJAA | 2018 | 0,80 | | 1,05 | 4,44 | | 29,10 | 15 | idAA- |
|  |  | 2019 | 1,03 | | 0,90 | 4,50 | | 29,04 | 14 | idA+ |
|  |  | 2020 | 0,30 | | 1,29 | 4,40 | | 29,03 | 13 | idA |
|  |  | 2021 | 0,85 | | 1,96 | 2,33 | | 29,12 | 13 | idA |
|  |  | 2022 | 0,60 | | 1,49 | 2,03 | | 28,99 | 13 | idA |
|  |  | 2023 | 0,74 | | 1,24 | 4,64 | | 28,95 | 14 | idA+ |
| 11 | PPRO | 2018 | 1,83 | | 1,83 | 7,96 | | 30,43 | 10 | idBBB |
|  |  | 2019 | 1,77 | | 2,20 | 4,91 | | 30,61 | 10 | idBBB |
|  |  | 2020 | 1,39 | | 3,15 | 1,28 | | 30,55 | 9 | idBBB- |
|  |  | 2021 | 1,77 | | 3,69 | 0,17 | | 30,68 | 9 | idBBB- |
|  |  | 2022 | 1,78 | | 3,79 | 0,21 | | 30,71 | 9 | idBBB- |
|  |  | 2023 | 1,01 | | 4,99 | -0,36 | | 30,61 | 9 | idBBB- |
| 12 | PTHK | 2018 | 0,87 | | 5,08 | 8,17 | | 31,80 | 13 | idA |
|  |  | 2019 | 1,01 | | 2,99 | 2,68 | | 32,15 | 13 | idA |
|  |  | 2020 | 0,62 | | 2,49 | 0,75 | | 32,34 | 13 | idA |
|  |  | 2021 | 1,06 | | 1,43 | 0,71 | | 32,52 | 13 | idA |
|  |  | 2022 | 1,97 | | 0,84 | 0,41 | | 32,68 | 15 | idAA- |
|  |  | 2023 | 2,27 | | 0,46 | 1,05 | | 32,77 | 15 | idAA- |
| 13 | SMGR | 2018 | 1,97 | | 0,56 | 4,28 | | 31,56 | 17 | idAA+ |
|  |  | 2019 | 1,36 | | 1,30 | 1,00 | | 32,01 | 17 | idAA+ |
|  |  | 2020 | 1,35 | | 1,14 | 1,50 | | 31,99 | 16 | idAA |
|  |  | 2021 | 1,07 | | 0,88 | 2,13 | | 31,97 | 17 | idAA+ |
|  |  | 2022 | 1,45 | | 0,70 | 2,31 | | 32,05 | 17 | idAA+ |
|  |  | 2023 | 1,23 | | 0,66 | 2,38 | | 32,04 | 17 | idAA+ |
| 14 | SMRA | 2018 | 1,45 | | 1,57 | 0,14 | | 30,78 | 13 | idA |
|  |  | 2019 | 1,24 | | 1,59 | 1,16 | | 30,83 | 13 | idA |
|  |  | 2020 | 1,42 | | 1,74 | 0,43 | | 30,85 | 13 | idA |
|  |  | 2021 | 1,87 | | 1,32 | 0,75 | | 30,89 | 14 | IdA+ |
|  |  | 2022 | 0,15 | | 1,42 | 1,19 | | 30,98 | 14 | idA+ |
|  |  | 2023 | 1,32 | | 1,53 | 1,78 | | 31,07 | 14 | idA+ |
| 15 | TINS | 2018 | 1,36 | | 1,48 | 0,56 | | 30,35 | 14 | idA+ |
|  |  | 2019 | 1,03 | | 2,87 | 0,92 | | 30,64 | 14 | idA+ |
|  |  | 2020 | 1,12 | | 1,94 | 0,44 | | 30,31 | 13 | idA |
|  |  | 2021 | 1,31 | | 1,33 | 5,07 | | 30,32 | 13 | idA |
|  |  | 2022 | 2,21 | | 0,86 | 6,79 | | 30,20 | 13 | idA |
|  |  | 2023 | 1,39 | | 1,06 | 0,30 | | 30,18 | 13 | idA |
| 16 | TLKM | 2018 | 0,94 | | 0,76 | 10,38 | | 28,51 | 18 | idAAA |
|  |  | 2019 | 0,71 | | 0,89 | 8,94 | | 28,61 | 18 | idAAA |
|  |  | 2020 | 0,67 | | 1,04 | 8,58 | | 28,88 | 18 | idAAA |
|  |  | 2021 | 0,89 | | 0,91 | 10,01 | | 29,01 | 18 | idAAA |
|  |  | 2022 | 0,78 | | 0,08 | 9,01 | | 29,03 | 18 | idAAA |
|  |  | 2023 | 0,78 | | 0,83 | 8,77 | | 29,13 | 18 | idAAA |
| 17 | TPIA | 2018 | 2,05 | | 0,79 | 4,95 | | 31,46 | 15 | idAA- |
|  |  | 2019 | 1,77 | | 0,96 | 0,69 | | 31,50 | 15 | idAA- |
|  |  | 2020 | 1,74 | | 0,98 | 0,44 | | 31,56 | 15 | idAA- |
|  |  | 2021 | 3,14 | | 7,05 | 3,83 | | 31,90 | 15 | idAA- |
|  |  | 2022 | 3,75 | | 0,75 | 2,21 | | 31,98 | 15 | idAA- |
|  |  | 2023 | 3,47 | | 0,88 | 0,41 | | 25,18 | 15 | idAA- |
| 18 | WIKA | 2018 | 1,62 | | 2,44 | 2,43 | | 31,71 | 11 | idBBB+ |
|  |  | 2019 | 1,39 | | 3,09 | 3,15 | | 30,62 | 10 | idBBB |
|  |  | 2020 | 1,09 | | 2,23 | 0,25 | | 31,85 | 9 | idBBB- |
|  |  | 2021 | 1,01 | | 2,98 | 0,17 | | 31,87 | 9 | idBBB- |
|  |  | 2022 | 1,10 | | 3,29 | 0,13 | | 31,95 | 13 | idA |
|  |  | 2023 | 0,80 | | 5,89 | 2,42 | | 31,82 | 2 | idCCC |
| 19 | WSKT | 2018 | 1,18 | | 3,31 | 2,25 | | 32,45 | 12 | idA- |
|  |  | 2019 | 1,09 | | 3,21 | 0,37 | | 32,44 | 12 | idA- |
|  |  | 2020 | 0,67 | | 5,37 | 1,85 | | 32,29 | 10 | idBBB |
|  |  | 2021 | 2,24 | | 5,70 | 0,22 | | 32,27 | 10 | idBBB |
|  |  | 2022 | 3,02 | | 5,90 | 0,29 | | 32,22 | 10 | idBBB |
|  |  | 2023 | 0,99 | | 7,24 | 0,85 | | 32,19 | 4 | idB |
| 20 | ZINC | 2018 | 1,80 | | 1,24 | 9,36 | | 27,91 | 10 | idBBB |
|  |  | 2019 | 1,49 | | 0,83 | 4,09 | | 27,99 | 10 | idBBB |
|  |  | 2020 | 1,17 | | 0,72 | 1,18 | | 27,96 | 10 | idBBB |
|  |  | 2021 | 6,63 | | 1,32 | 1,65 | | 28,35 | 10 | idBBB |
|  |  | 2022 | 0,96 | | 2,20 | 1,09 | | 28,54 | 10 | idBBB |
|  |  | 2023 | 1,29 | | 2,50 | 0,30 | | 28,59 | 2 | idCCC |

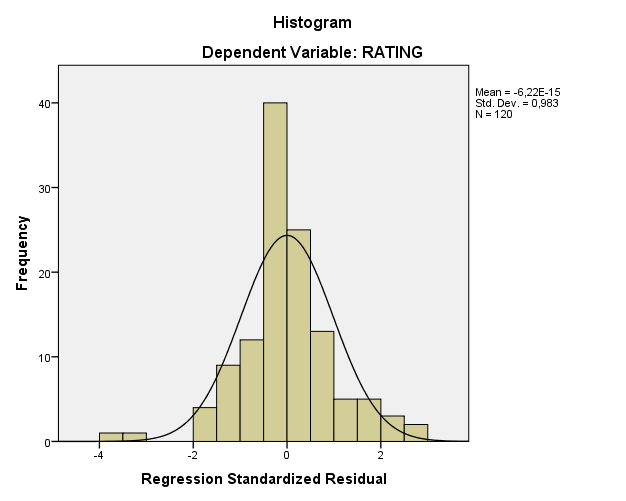
**Hasil Output SPSS**

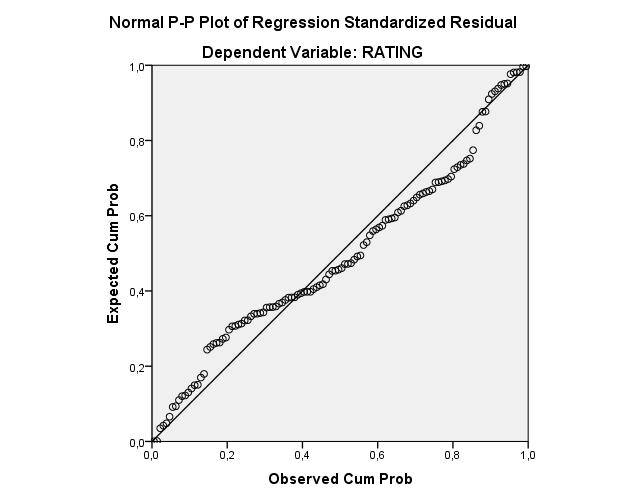
**Statistik Deskriptif**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Descriptive Statistics** | | | | | |
|  | N | Minimum | Maximum | Mean | Std. Deviation |
| DER | 120 | ,08 | 7,24 | 1,8723 | 1,45990 |
| CR | 120 | ,15 | 12,76 | 1,7365 | 1,63471 |
| ICR | 120 | -2,42 | 53,94 | 3,8595 | 7,62764 |
| SIZE | 120 | 25,18 | 32,86 | 30,7566 | 1,44678 |
| RATING | 120 | 2 | 18 | 13,81 | 3,104 |
| Valid N (listwise) | 120 |  |  |  |  |

**Uji Normalitas**

|  |  |  |
| --- | --- | --- |
| **One-Sample Kolmogorov-Smirnov Test** | | |
|  | | Unstandardized Residual |
| N | | 120 |
| Normal Parametersa,b | Mean | ,0000000 |
| Std. Deviation | 2,48122831 |
| Most Extreme Differences | Absolute | ,099 |
| Positive | ,095 |
| Negative | -,099 |
| Test Statistic | | ,099 |
| Asymp. Sig. (2-tailed) | | ,006c |
| Exact Sig. (2-tailed) | | ,181 |
| Point Probability | | ,000 |
| a. Test distribution is Normal. | | |
| b. Calculated from data. | | |
| c. Lilliefors Significance Correction. | | |





**Uji Autokorelasi**

|  |  |
| --- | --- |
| **Runs Test** | |
|  | Unstandardized Residual |
| Test Valuea | -,26182 |
| Cases < Test Value | 60 |
| Cases >= Test Value | 60 |
| Total Cases | 120 |
| Number of Runs | 53 |
| Z | -1,467 |
| Asymp. Sig. (2-tailed) | ,142 |
| a. Median | |

**Uji Multikoleneritas**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
| B | Std. Error | Beta | Tolerance | VIF |
| 1 | (Constant) | -7,840 | 5,289 |  | -1,482 | ,141 |  |  |
| DER | -1,170 | ,173 | -,550 | -6,747 | ,000 | ,835 | 1,197 |
| CR | -,246 | ,148 | -,130 | -1,666 | ,098 | ,918 | 1,090 |
| ICR | ,055 | ,031 | ,135 | 1,759 | ,081 | ,943 | 1,061 |
| SIZE | ,782 | ,172 | ,365 | 4,540 | ,000 | ,862 | 1,160 |
| a. Dependent Variable: RATING | | | | | | | | |

**Uji F**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 413,969 | 4 | 103,492 | 16,245 | ,000b |
| Residual | 732,623 | 115 | 6,371 |  |  |
| Total | 1146,592 | 119 |  |  |  |
| a. Dependent Variable: RATING | | | | | | |
| b. Predictors: (Constant), SIZE, ICR, CR, DER | | | | | | |

**Uji T**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | -7,840 | 5,289 |  | -1,482 | ,141 |
| DER | -1,170 | ,173 | -,550 | -6,747 | ,000 |
| CR | -,246 | ,148 | -,130 | -1,666 | ,098 |
| ICR | ,055 | ,031 | ,135 | 1,759 | ,081 |
| SIZE | ,782 | ,172 | ,365 | 4,540 | ,000 |
| a. Dependent Variable: RATING | | | | | | |

**Analisis Determinasi (R2)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model Summaryb** | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | ,601a | ,361 | ,339 | 2,524 |
| a. Predictors: (Constant), SIZE, ICR, CR, DER | | | | |
| b. Dependent Variable: RATING | | | | |