

DAFTAR PUSTAKA

- Adisasmita, R. (2010). *Dasar-Dasar Ekonomi Transportasi*. Yogyakarta: Graha Ilmu.
- Badan Pusat Statistik. (2020). *Statistik Transportasi Darat 2020*. Publikasi Badan Pusat Statistik.
- _____. (2020). *Statistik Transportasi Laut 2020*. Publikasi Badan Pusat Statistik.
- _____. (2020). *Statistik Transportasi Udara 2020*. Publikasi Badan Pusat Statistik.
- Brigham, E. F., & Daves, P. R. (2007). *Intermediate Financial Management, Ninth Edition*. USA: Thomson Higher Education.
- Darsono, & Ashari. (2015). *Pedoman Praktis Memahami Laporan Keuangan*. Yogyakarta: CV. Andi Offset.
- Effendi, R. (2018). Analisis Prediksi Kebangkrutan dengan Menggunakan Metode Altman, Springate, Zmijewski, Foster, dan Grover pada Emiten Jasa Transportasi.
- Gunawan, E. (2022). Analisis Financial Distress pada Perusahaan Sub Industri Penerbangan dan Kereta Api yang Terdaftar di Bursa Efek Indonesia Sebelum dan Sesudah Pandemi Covid-19. *Jurnal Akuntansi, Program Studi Akuntansi, Fakultas Bisnis, Universitas Kristen Maranatha*.
- Hery. (2012). *Analisis Laporan Keuangan*. Jakarta: Bumi Aksara.
- Idris, M. (2021). "Menurut Pemerintah, Garuda Sudah Bangkrut Secara Teknis". Diambil kembali dari <https://money.kompas.com/read/2021/11/17/180928026/menurut-pemerintah-garuda-sudah-bangkrut-secara-teknis?page=all>. diakses pada tanggal 19 Februari 2022
- Irawan, W. A. (2021). Analisis Perbandingan Prediksi Kebangkrutan dengan Menggunakan Metode Altman Z-score, Springate, Ohlson, Grover dan Zmijewski (Studi Kasus pada Perusahaan Perbankan yang Terdaftar di Bursa Efek Indonesia Tahun 2017-2019).
- Jensen, M. C., & Menckling, W. H. (1976). Theory Of The Firm: Managerial Behavior, Agency Costs And Ownership Structure. *Journal of Financial Economics* 3, 305-360.
- Kasmir, D. (2019). *Analisis Laporan Keuangan Edisi Revisi*. Depok: Rajawali Pers.
- Morris, R. D. (1987). Signaling, Agency Theory and Accounting Policy Choice Vol. 18, No. 69. *Accounting and Business Research*.

- Nurchayanti, W. (2015). Studi Komparatif Model Z-score Altman, Springate, dan Zmijewski dalam Mengindikasikan Kebangkrutan Perusahaan yang Terdaftar di BEI.
- Peraturan Pemerintah Republik Indonesia Nomor 21 Tahun 2020 Tentang Pembatasan Sosial Berskala Besar Dalam Rangka Percepatan Penanganan Corona Virus Disease 2019 (Covid-19. (2020). *Peraturan Pemerintah Republik Indonesia Nomor 21 Tahun 2020*.
- Rahman, F. (2021). Analisis Prediksi Financial Distress dengan Menggunakan Model Springate pada Perusahaan Properti dan Real Estate yang Terdaftar di BEI Periode 2019-2020. *GOVERNANCE: Jurnal Ilmiah Kajian Politik Lokal dan Pembangunan*.
- Ripha, P. N., & Muysaroh. (2021). Analisis Potensi Kebangkrutan Perusahaan Sebelum dan Pada Saat Pandemi Covid-19 (Studi Empiris Perusahaan Sub Sektor Ritel yang Terdaftar di Bursa Efek Indonesia).
- Sari, W. I. (2021). Analisis Financial Performance dan Financial Distress Sebelum dan Selama Pandemi Covid-19.
- Sekaran, U., & Bougie, R. (2016). *Research methods for business : a skill-building approach Seventh Edition*. United Kingdom: John Wiley & Sons.
- Sujarweni, V. W. (2017). *Analisis Laporan Keuangan : Teori, Aplikasi, & Hasil Penelitian*. Yogyakarta: Pustaka Baru Press.
- Suliyanto. (2011). *Ekonometrika Terapan: Teori dan Aplikasi Dengan SPSS, Edisi Pertama*. Yogyakarta: Andi Yogyakarta.
- Sundjaja, & Barlian. (2001). *Manajemen Keuangan*. Jakarta: PT Prenhallindo.
- Wardiyah, M. L. (2017). *Analisis Laporan Keuangan*. Bandung: Pustaka Setia.
- WHO. (2019). *Coronavirus disease (COVID-19) Pandemic*. Retrieved from (<https://www.who.int/emergencies/diseases/novel-coronavirus-2019>)
- Www.idx.com
- Youlanda, E. (2021). Analisis Perbandingan Kinerja Keuangan Menggunakan Altman Z-Score Sebelum dan Sesudah Covid-19 (Studi Pada Sub Sektor Otomotif yang Terdaftar di Bursa Efek Indonesia).

LAMPIRAN

Lampiran 1**BIODATA**

Identitas Diri

Nama : Nirwana Milen
Tempat, Tanggal Lahir : Kondo, 04 Desember 2000
Jenis Kelamin : Perempuan
Alamat Rumah : Jalan Kesenangan Raya 2, BTP Blok E No 255
Telepon/HP : 082397832991
Alamat *E-mail* : nirwanamilen@gmail.com

Riwayat Pendidikan

Pendidikan Formal :

- a. 2006 – 2012 : SDN 009 KONDO
- b. 2012 – 2015 : SMPN 3 TOBADAK
- c. 2015 – 2018 : SMA ANGKASA LANUD SULTAN HASANUDDIN

Pendidikan Non-Formal :

- a. Pelatihan *Basic Learning Skills, Character & Creativity* (BALANCE)
Universitas Hasanuddin

Pengalaman Organisasi

- a. Persekutuan Mahasiswa Kristen Oikumene Fakultas Ekonomi dan Bisnis
Universitas Hasanuddin (PMKO FEB - UH)
- b. Ikatan Mahasiswa Akuntansi Fakultas Ekonomi dan Bisnis Universitas
Hasanuddin (IMA FEB - UH)

Demikian biodata ini dibuat dengan sebenarnya.

Makassar, 14 November 2022

Nirwana Milen

Lampiran 2 Data Keuangan Perusahaan Transportasi yang Terdaftar di BEI

- Rasio Modal Kerja Terhadap Total Aset (X1) Altman Z-score Sebelum Pandemi Covid-19 (2018 - 2019)**

Emiten	Nama Perusahaan	TAHUN	Aset Lancar	Utang Lancar	Modal Kerja	Total Aset	X1
AKSI	Mineral Sumberdaya Mandiri Tbk	2018	Rp 96.565.714.379	Rp 65.453.742.020	Rp 31.111.972.359	Rp 275.005.973.287	0,113131988
ASSA	Adi Sarana Armada Tbk	2018	Rp 536.760.828.132	Rp 1.150.241.108.007	-Rp 613.480.279.875	Rp 4.062.536.132.739	-0,151009187
BIRD	Blue Bird Tbk	2018	Rp 1.071.773	Rp 614.987	Rp 456.786	Rp 6.955.157	0,065675872
BLTA	Berlian Laju Tanker Tbk	2018	Rp 7.910.239	Rp 12.833.718	-Rp 4.923.479	Rp 71.348.533	-0,06900603
BPTR	Batavia Prosperindo Trans Tbk	2018	Rp 47.317.148.338	Rp 155.864.998.470	Rp 47.317.148.338	Rp 548.878.317.131	0,086206991
CMPP	AirAsia Indonesia Tbk	2018	Rp 459.842.437.838	Rp 2.806.387.704.648	-Rp 2.346.545.266.810	Rp 2.845.045.212.353	-0,82478312
DEAL	Dewata Freightinternational Tbk	2018	Rp 137.349.295.295	Rp 110.328.421.284	Rp 27.020.874.011	Rp 250.166.940.746	0,10801137
GIAA	Garuda Indonesia (Persero) Tbk	2018	Rp 1.079.945.126	Rp 3.061.396.001	-Rp 1.981.450.875	Rp 4.155.474.803	-0,476828995
HELI	Jaya Trishindo Tbk	2018	Rp 121.404.774.595	Rp 133.865.412.438	-Rp 12.460.637.843	Rp 264.566.083.938	-0,047098395
JAYA	Armada Berjaya Trans Tbk	2018	Rp 11.786.634.266	Rp 13.515.498.185	-Rp 1.728.863.919	Rp 52.075.344.303	-0,03319928
KJEN	Krida Jaringan Nusantara Tbk	2018	Rp 14.301.272.151	Rp 1.188.162.924	Rp 13.113.109.227	Rp 39.342.424.864	0,333307092
LRNA	Eka Sari Lorena Transport Tbk	2018	Rp 33.278.321.166	Rp 20.166.061.081	Rp 13.112.260.085	Rp 312.059.443.277	0,042018469
MIRA	Mitra International Resources	2018	Rp 131.453.924.595	Rp 28.024.488.205	Rp 103.429.436.390	Rp 320.777.602.224	0,322433473
NELY	Pelayaran Nelly Dwi Putri Tbk	2018	Rp 142.043.543.822	Rp 23.526.300.566	Rp 118.517.243.256	Rp 474.345.474.753	0,249854272
SAFE	Steady Safe Tbk	2018	Rp 41.100.383.133	Rp 210.911.344.358	-Rp 169.810.961.225	Rp 347.841.814.370	-0,48818444
SAPX	Satria Antaran Prima Tbk	2018	Rp 78.186.496.714	Rp 19.559.153.698	Rp 58.627.343.016	Rp 97.553.402.678	0,600976915
SDMU	Sidomulyo Selaras Tbk	2018	Rp 87.698.959.097	Rp 84.374.199.166	Rp 3.324.759.931	Rp 255.711.905.396	0,013001976
SMDR	Samudera Indonesia Tbk	2018	Rp 220.642.568	Rp 201.448.507	Rp 19.194.061	Rp 599.790.746	0,032001262
TAXI	Express Transindo Utama Tbk	2018	Rp 499.247.067	Rp 1.603.238.372	-Rp 1.103.991.305	Rp 1.269.024.960	-0,869952396
TMAS	Temas Tbk	2018	Rp 411.249	Rp 956.341	-Rp 545.092	Rp 2.837.426	-0,192107918
TNCA	Trimuda Nuansa Citra Tbk	2018	Rp 43.528.281.799	Rp 3.816.016.104	Rp 39.712.265.695	Rp 46.878.125.128	0,847138523
TRUK	Guna Timur Raya Tbk	2018	Rp 11.506.524.843	Rp 10.368.246.046	Rp 1.138.278.797	Rp 94.392.166.037	0,012059039
WEHA	WEHA Transportasi Indonesia Tbk	2018	Rp 22.696.768.887	Rp 56.398.943.588	-Rp 33.702.174.701	Rp 331.404.130.533	-0,101695095

Emiten	Nama Perusahaan	TAHUN	Aset Lancar	Utang Lancar	Modal Kerja	Total Aset	X1
AKSI	Mineral Sumberdaya Mandiri Tbk	2019	Rp 148.724.982.545	Rp 99.631.561.298	Rp 49.093.421.247	Rp 285.177.567.739	0,172150361
ASSA	Adi Sarana Armada Tbk	2019	Rp 652.506.417.924	Rp 1.240.237.695.433	-Rp 587.731.277.509	Rp 4.849.223.630.042	-0,121201108
BIRD	Blue Bird Tbk	2019	Rp 938.785	Rp 753.515	Rp 185.270	Rp 7.424.304	0,024954528
BLTA	Berlian Laju Tanker Tbk	2019	Rp 5.220.693	Rp 9.568.042	-Rp 4.347.349	Rp 67.412.629	-0,064488644
BPTR	Batavia Prosperindo Trans Tbk	2019	Rp 40.277.548.078	Rp 165.747.918.407	-Rp 125.470.370.329	Rp 536.133.980.207	-0,234028013
CMPP	AirAsia Indonesia Tbk	2019	Rp 945.905.221.392	Rp 2.007.253.622.193	-Rp 1.061.348.400.801	Rp 2.613.070.074.932	-0,406169131
DEAL	Dewata Freightinternational Tbk	2019	Rp 110.924.913.091	Rp 110.399.868.528	Rp 525.044.563	Rp 275.487.784.551	0,001905872
GIAA	Garuda Indonesia (Persero) Tbk	2019	Rp 1.133.892.533	Rp 3.257.836.267	-Rp 2.123.943.734	Rp 4.455.675.774	-0,476682739
HELI	Jaya Trishindo Tbk	2019	Rp 83.695.056.368	Rp 49.378.265.088	Rp 34.316.791.280	Rp 193.198.983.272	0,177624078
JAYA	Armada Berjaya Trans Tbk	2019	Rp 14.988.217.105	Rp 18.670.103.563	-Rp 3.681.886.458	Rp 92.504.089.394	-0,039802418
KJEN	Krida Jaringan Nusantara Tbk	2019	Rp 5.318.745.267	Rp 1.222.391.000	Rp 4.096.354.267	Rp 67.668.621.418	0,060535506
LRNA	Eka Sari Lorena Transport Tbk	2019	Rp 37.973.876.818	Rp 16.654.963.274	Rp 21.318.913.544	Rp 302.636.796.677	0,070443891
MIRA	Mitra International Resources	2019	Rp 80.168.401.538	Rp 50.490.247.279	Rp 29.678.154.259	Rp 351.483.053.912	0,084436942
NELY	Pelayaran Nelly Dwi Putri Tbk	2019	Rp 134.012.941.477	Rp 23.179.545.509	Rp 110.833.395.968	Rp 527.467.886.738	0,210123495
SAFE	Steady Safe Tbk	2019	Rp 25.440.029.597	Rp 190.967.041.916	-Rp 165.527.012.319	Rp 357.452.208.844	-0,463074526
SAPX	Satria Antaran Prima Tbk	2019	Rp 123.087.747.765	Rp 31.755.734.984	Rp 91.332.012.781	Rp 157.166.234.017	0,58111727
SDMU	Sidomulyo Selaras Tbk	2019	Rp 64.816.994.246	Rp 111.678.713.109	-Rp 46.861.718.863	Rp 217.821.047.351	-0,215138617
SMDR	Samudera Indonesia Tbk	2019	Rp 223.248.644	Rp 176.004.127	Rp 47.244.517	Rp 517.225.263	0,091342246
TAXI	Express Transindo Utama Tbk	2019	Rp 209.703.468	Rp 720.977.430	-Rp 511.273.962	Rp 479.265.331	-1,066786869
TMAS	Temas Tbk	2019	Rp 518.941	Rp 982.055	-Rp 463.114	Rp 3.266.151	-0,141791975
TNCA	Trimuda Nuansa Citra Tbk	2019	Rp 47.648.161.769	Rp 4.064.900.863	Rp 43.583.260.906	Rp 50.990.872.393	0,854726716
TRUK	Guna Timur Raya Tbk	2019	Rp 16.320.043.246	Rp 14.420.323.854	Rp 1.899.719.392	Rp 98.890.963.872	0,019210242
WEHA	WEHA Transportasi Indonesia Tbk	2019	Rp 20.607.998.968	Rp 39.953.268.587	-Rp 19.345.269.619	Rp 269.602.629.189	-0,071754751

- **Rasio Modal Kerja Terhadap Total Aset (X1) Altman Z-score Saat Pandemi Covid-19 (2020-2021)**

Emiten	Nama Perusahaan	TAHUN	Aset Lancar	Utang Lancar	Working Capital	Total Aset	X1
AKSI	Mineral Sumberdaya Mandiri Tbk	2020	Rp 165.109.516.135	114.959.432.645	Rp 50.150.083.490	Rp 298.261.244.290	0,168141468
ASSA	Adi Sarana Armada Tbk	2020	Rp 627.688.164.688	Rp 1.436.932.364.028	-Rp 809.244.199.340	Rp 5.170.895.098.267	-0,156499829
BIRD	Blue Bird Tbk	2020	Rp 1.241.604	Rp 639.864	Rp 601.740	Rp 7.253.114	0,082962987
BLTA	Berlian Laju Tanker Tbk	2020	Rp 6.391.894	Rp 12.633.148	-Rp 6.241.254	Rp 66.073.093	-0,094459843
BPTR	Batavia Prosperindo Trans Tbk	2020	Rp 32.947.871.930	Rp 150.765.896.036	-Rp 117.818.024.106	Rp 536.303.219.831	-0,219685468
CMPP	AirAsia Indonesia Tbk	2020	Rp 172.660.668.664	Rp 4.957.130.972.939	-Rp 4.784.470.304.275	Rp 6.080.516.085.752	-0,786852668
DEAL	Dewata Freightinternational Tbk	2020	Rp 115.979.973.335	Rp 152.334.287.682	-Rp 36.354.314.347	Rp 283.270.056.415	-0,128338007
GIAA	Garuda Indonesia (Persero) Tbk	2020	Rp 536.547.176	Rp 4.294.797.755	-Rp 3.758.250.579	Rp 10.789.980.407	-0,348309305
HELI	Jaya Trishindo Tbk	2020	Rp 147.384.406.503	Rp 133.722.885.753	Rp 13.661.520.750	Rp 335.775.952.688	0,040686418
JAYA	Armada Berjaya Trans Tbk	2020	Rp 20.236.527.028	Rp 11.810.512.910	Rp 8.426.014.118	Rp 82.202.146.171	0,102503578
KJEN	Krida Jaringan Nusantara Tbk	2020	Rp 10.198.668.815	Rp 4.739.828.485	Rp 5.458.840.330	Rp 73.132.687.738	0,074642961
LRNA	Eka Sari Lorena Transport Tbk	2020	Rp 19.404.955.562	Rp 24.273.678.406	-Rp 4.868.722.844	Rp 270.508.602.770	-0,017998403
MIRA	Mitra International Resources	2020	Rp 55.211.778.498	Rp 47.140.889.442	Rp 8.070.889.056	Rp 317.031.964.534	0,025457651
NELY	Pelayaran Nelly Dwi Putri Tbk	2020	Rp 146.335.988.563	Rp 21.765.155.172	Rp 124.570.833.391	Rp 568.048.326.214	0,21929619
SAFE	Steady Safe Tbk	2020	Rp 20.982.095.777	Rp 187.447.337.834	-Rp 166.465.242.057	Rp 322.122.601.640	-0,516776039
SAPX	Satria Antaran Prima Tbk	2020	Rp 167.091.764.767	Rp 58.399.139.946	Rp 108.692.624.821	Rp 210.419.761.255	0,516551412
SDMU	Sidomulyo Selaras Tbk	2020	Rp 42.602.225.466	Rp 141.011.386.027	-Rp 98.409.160.561	Rp 177.182.837.855	-0,555410229
SMDR	Samudera Indonesia Tbk	2020	Rp 248.654.972	Rp 192.089.546	Rp 56.565.426	Rp 574.144.140	0,098521298
TAXI	Express Transindo Utama Tbk	2020	Rp 160.199.112	Rp 582.958.840	-Rp 422.759.728	Rp 243.302.339	-1,737590069
TMAS	Temas Tbk	2020	Rp 410.184	Rp 902.798	-Rp 492.614	Rp 3.837.040	-0,128383858
TNCA	Trimuda Nuansa Citra Tbk	2020	Rp 18.403.211.935	Rp 4.521.806.377	Rp 13.881.405.558	Rp 48.076.063.779	0,288738396
TRUK	Guna Timur Raya Tbk	2020	Rp 10.950.372.543	Rp 16.591.014.668	-Rp 5.640.642.125	Rp 86.141.743.970	-0,065480937
WEHA	WEHA Transportasi Indonesia Tbk	2020	Rp 11.358.991.009	Rp 30.824.345.288	-Rp 19.465.354.279	Rp 239.784.904.490	-0,081178397

Emiten	Nama Perusahaan	TAHUN	Aset Lancar	Utang Lancar	Working Capital	Total Aset	X1
AKSI	Mineral Sumberdaya Mandiri Tbk	2021	Rp 150.043.015.990	Rp 83.977.625.835	Rp 66.065.390.155	Rp 275.990.708.661	0,239375414
ASSA	Adi Sarana Armada Tbk	2021	Rp 1.061.788.861.867	Rp 627.688.164.688	Rp 434.100.697.179	Rp 6.031.946.733.670	0,071966931
BIRD	Blue Bird Tbk	2021	Rp 1.366.505	Rp 565.041	Rp 801.464	Rp 6.598.137	0,121468227
BLTA	Berlian Laju Tanker Tbk	2021	Rp 14.198.826	Rp 10.709.803	Rp 3.489.023	Rp 70.328.736	0,049610205
BPTR	Batavia Prosperindo Trans Tbk	2021	Rp 51.176.784.882	Rp 159.848.739.818	-Rp 108.671.954.936	Rp 816.739.145.113	-0,133055891
CMPP	AirAsia Indonesia Tbk	2021	Rp 165.547.101.103	Rp 6.601.734.213.455	-Rp 6.436.187.112.352	Rp 5.149.094.524.206	-1,24996484
DEAL	Dewata Freightinternational Tbk	2021	Rp 69.272.490.998	Rp 129.569.093.377	-Rp 60.296.602.379	Rp 170.331.201.369	-0,353996226
GIAA	Garuda Indonesia (Persero) Tbk	2021	Rp 305.725.029	Rp 5.771.313.185	-Rp 5.465.588.156	Rp 7.192.745.360	-0,759875108
HELI	Jaya Trishindo Tbk	2021	Rp 107.007.105.513	Rp 104.231.114.388	Rp 2.775.991.125	Rp 301.477.751.273	0,009207947
JAYA	Armada Berjaya Trans Tbk	2021	Rp 54.823.160.889	Rp 6.974.418.958	Rp 47.848.741.931	Rp 121.943.097.733	0,392385816
KJEN	Krida Jaringan Nusantara Tbk	2021	Rp 7.517.165.587	Rp 2.688.790.395	Rp 4.828.375.192	Rp 69.136.014.725	0,069838784
LRNA	Eka Sari Lorena Transport Tbk	2021	Rp 19.325.367.668	Rp 19.204.829.670	Rp 120.537.998	Rp 239.333.983.354	0,000503639
MIRA	Mitra International Resources	2021	Rp 54.436.318.441	Rp 49.557.803.766	Rp 4.878.514.675	Rp 301.506.104.882	0,016180484
NELY	Pelayaran Nelly Dwi Putri Tbk	2021	Rp 99.707.098.594	Rp 25.913.588.162	Rp 73.793.510.432	Rp 552.781.459.611	0,133494909
SAFE	Steady Safe Tbk	2021	Rp 27.205.306.574	Rp 323.987.512.785	-Rp 296.782.206.211	Rp 298.604.232.055	-0,993898191
SAPX	Satria Antarana Prima Tbk	2021	Rp 189.616.124.655	Rp 61.866.044.671	Rp 127.750.079.984	Rp 250.767.550.139	0,509436248
SDMU	Sidomulyo Selaras Tbk	2021	Rp 45.210.701.607	Rp 156.558.710.680	-Rp 111.348.009.073	Rp 169.199.466.266	-0,658087236
SMDR	Samudera Indonesia Tbk	2021	Rp 429.449.055	Rp 296.637.740	Rp 132.811.315	Rp 829.181.216	0,16017164
TAXI	Express Transindo Utama Tbk	2021	Rp 81.644.827	Rp 11.342.151	Rp 70.302.676	Rp 91.040.495	0,772213244
TMAS	Temas Tbk	2021	Rp 1.138.374	Rp 997.061	Rp 141.313	Rp 4.051.811	0,034876503
TNCA	Trimuda Nuansa Citra Tbk	2021	Rp 21.794.024.947	Rp 7.129.662.654	Rp 14.664.362.293	Rp 52.442.481.062	0,279627546
TRUK	Guna Timur Raya Tbk	2021	Rp 7.315.713.528	Rp 11.305.872.300	-Rp 3.990.158.772	Rp 76.740.944.634	-0,051995174
WEHA	WEHA Transportasi Indonesia Tbk	2021	Rp 12.590.158.246	Rp 29.778.574.564	-Rp 17.188.416.318	Rp 222.474.205.879	-0,077260266

• **Rasio Laba Ditahan Terhadap Total Aset (X2) Altman Z-score Sebelum Pandemi Covid-19 (2018-2019)**

Emiten	Nama Perusahaan	TAHUN	Lab a Ditahan	Total Aset	X2
AKSI	Mineral Sumberdaya Mandiri Tbk	2018	Rp 22.679.024.825	Rp 275.005.973.287	0,08246739
ASSA	Adi Sarana Armada Tbk	2018	Rp 365.551.302.328	Rp 4.062.536.132.739	0,089981059
BIRD	Blue Bird Tbk	2018	Rp 2.384.410	Rp 6.955.157	0,342826194
BLTA	Berlian Laju Tanker Tbk	2018	-Rp 1.228.287.325	Rp 71.348.533	-17,21531296
BPTR	Batavia Prosperindo Trans Tbk	2018	Rp 16.559.453.380	Rp 548.878.317.131	0,030169626
CMPP	AirAsia Indonesia Tbk	2018	-Rp 6.246.265.168.629	Rp 2.845.045.212.353	-2,195488895
DEAL	Dewata FreightInternational Tbk	2018	6.456.886.123	Rp 250.166.940.746	0,025810309
GIAA	Garuda Indonesia (Persero) Tbk	2018	-Rp 680.863.327	Rp 4.155.474.803	-0,1638473
HELI	Jaya Trishindo Tbk	2018	Rp 20.436.170.440	Rp 264.566.083.938	0,077244105
JAYA	Armada Berjaya Trans Tbk	2018	-Rp 534.844.732	Rp 52.075.344.303	-0,010270594
KJEN	Krida Jaringan Nusantara Tbk	2018	Rp 2.203.092.288	Rp 39.342.424.864	0,055997877
LRNA	Eka Sari Lorena Transport Tbk	2018	-Rp 57.544.592.241	Rp 312.059.443.277	-0,184402663
MIRA	Mitra International Resources	2018	-Rp 1.290.051.164.169	Rp 320.777.602.224	-4,021637281
NELY	Pelayaran Nelly Dwi Putri Tbk	2018	Rp 165.534.497.251	Rp 474.345.474.753	0,348974547
SAFE	Steady Safe Tbk	2018	-Rp 786.112.622.570	Rp 347.841.814.370	-2,259971602
SAPX	Satria Antar an Prima Tbk	2018	-Rp 69.118.777.576	Rp 97.553.402.678	-0,708522467
SDMU	Sidomulyo Selaras Tbk	2018	-Rp 38.305.017.423	Rp 255.711.905.396	-0,149797552
SMDR	Samudera Indonesia Tbk	2018	Rp 174.099.612	Rp 599.790.746	0,290267253
TAXI	Express Transindo Utama Tbk	2018	-Rp 1.122.411.739	Rp 1.269.024.960	-0,884467819
TMAS	Temas Tbk	2018	Rp 838.040	Rp 2.837.426	0,295352196
TNCA	Trimuda Nuansa Citra Tbk	2018	-Rp 9.114.785.275	Rp 46.878.125.128	-0,19443579
TRUK	Guna Timur Raya Tbk	2018	Rp 11.858.366.889	Rp 94.392.166.037	0,125628719
WEHA	WEHA Transportasi Indonesia Tbk	2018	Rp 6.784.937.558	Rp 331.404.130.533	0,020473304

Emiten	Nama Perusahaan	TAHUN	Lab a Ditahan	Total Aset	X2
AKSI	Mineral Sumberdaya Mandiri Tbk	2019	Rp 26.834.441.364	Rp 285.177.567.739	0,094097308
ASSA	Adi Sarana Armada Tbk	2019	Rp 470.096.564.261	Rp 4.849.223.630.042	0,096942645
BIRD	Blue Bird Tbk	2019	Rp 2.496.205	Rp 7.424.304	0,336220742
BLTA	Berlian Laju Tanker Tbk	2019	-Rp 1.255.016.226	Rp 67.412.629	-18,61693046
BPTR	Batavia Prosperindo Trans Tbk	2019	Rp 27.706.931.421	Rp 536.133.980.207	0,051679118
CMPP	AirAsia Indonesia Tbk	2019	-Rp 6.328.963.065.859	Rp 2.613.070.074.932	-2,42204108
DEAL	Dewata FreightInternational Tbk	2019	7.414.973.773	Rp 275.487.784.551	0,026915799
GIAA	Garuda Indonesia (Persero) Tbk	2019	-Rp 675.420.686	Rp 4.455.675.774	-0,151586588
HELI	Jaya Trishindo Tbk	2019	Rp 41.468.295.631	Rp 193.198.983.272	0,214640341
JAYA	Armada Berjaya Trans Tbk	2019	Rp 937.469.234	Rp 92.504.089.394	0,010134354
KJEN	Krida Jaringan Nusantara Tbk	2019	Rp 2.612.784.794	Rp 67.668.621.418	0,038611468
LRNA	Eka Sari Lorena Transport Tbk	2019	-Rp 64.401.732.872	Rp 302.636.796.677	-0,212802057
MIRA	Mitra International Resources	2019	-Rp 1.292.341.866.953	Rp 351.483.053.912	-3,676825533
NELY	Pelayaran Nelly Dwi Putri Tbk	2019	Rp 202.567.754.928	Rp 527.467.886.738	0,384038081
SAFE	Steady Safe Tbk	2019	-Rp 776.905.148.577	Rp 357.452.208.844	-2,173451805
SAPX	Satria Antar an Prima Tbk	2019	-Rp 28.762.570.684	Rp 157.166.234.017	-0,183007316
SDMU	Sidomulyo Selaras Tbk	2019	-Rp 73.864.317.581	Rp 217.821.047.351	-0,339105511
SMDR	Samudera Indonesia Tbk	2019	Rp 132.040.867	Rp 517.225.263	0,255286964
TAXI	Express Transindo Utama Tbk	2019	-Rp 1.391.335.430	Rp 479.265.331	-2,903058786
TMAS	Temas Tbk	2019	Rp 931.038	Rp 3.266.151	0,285056631
TNCA	Trimuda Nuansa Citra Tbk	2019	-Rp 6.899.170.087	Rp 50.990.872.393	-0,13530206
TRUK	Guna Timur Raya Tbk	2019	Rp 12.215.817.161	Rp 98.890.963.872	0,123528143
WEHA	WEHA Transportasi Indonesia Tbk	2019	Rp 10.097.954.967	Rp 269.602.629.189	0,037454957

• **Rasio Laba Ditahan Terhadap Total Aset (X2) Altman Z-score Saat Pandemi Covid-19 (2020 - 2021)**

Emiten	Nama Perusahaan	TAHUN	Lab a Ditahan	Total Aset	X2
AKSI	Mineral Sumberdaya Mandiri Tbk	2020	Rp 19.361.174.069	Rp 298.261.244.290	0,064913476
ASSA	Adi Sarana Armada Tbk	2020	Rp 560.867.636.927	Rp 5.170.895.098.267	0,108466257
BIRD	Blue Bird Tbk	2020	Rp 2.323.464	Rp 7.253.114	0,320340201
BLTA	Berlian Laju Tanker Tbk	2020	-Rp 1.254.150.020	Rp 66.073.093	-18,98125187
BPTR	Batavia Prosperindo Trans Tbk	2020	Rp 34.978.332.018	Rp 536.303.219.831	0,065221186
CMPP	AirAsia Indonesia Tbk	2020	-9.252.423.291.377	Rp 6.080.516.085.752	-1,521650985
DEAL	Dewata FreightInternational Tbk	2020	-43.484.606.854	Rp 283.270.056.415	-0,153509366
GIAA	Garuda Indonesia (Persero) Tbk	2020	-Rp 3.263.966.450	Rp 10.789.980.407	-0,302499757
HELI	Jaya Trishindo Tbk	2020	Rp 48.090.000.930	Rp 335.775.952.688	0,143220503
JAYA	Armada Berjaya Trans Tbk	2020	Rp 3.589.683.968	Rp 82.202.146.171	0,043668981
KJEN	Krida Jaringan Nusantara Tbk	2020	Rp 955.814.762	Rp 73.132.687.738	0,013069597
LRNA	Eka Sari Lorena Transport Tbk	2020	-Rp 107.428.792.261	Rp 270.508.602.770	-0,397136325
MIRA	Mitra International Resources	2020	-Rp 1.310.478.222.618	Rp 317.031.964.534	-4,133583894
NELY	Pelayaran Nelly Dwi Putri Tbk	2020	Rp 237.676.213.313	Rp 568.048.326.214	0,418408439
SAFE	Steady Safe Tbk	2020	-Rp 794.494.965.488	Rp 322.122.601.640	-2,466436572
SAPX	Satria Antar an Prima Tbk	2020	Rp 1.976.629.425	Rp 210.419.761.255	0,009393744
SDMU	Sidomulyo Selaras Tbk	2020	-Rp 116.484.546.811	Rp 177.182.837.855	-0,657425675
SMDR	Samudera Indonesia Tbk	2020	Rp 125.808.498	Rp 574.144.140	0,219123543
TAXI	Express Transindo Utama Tbk	2020	-Rp 1.457.505.595	Rp 243.302.339	-5,990512056
TMAS	Temas Tbk	2020	Rp 973.287	Rp 3.837.040	0,253655683
TNCA	Trimuda Nuansa Citra Tbk	2020	-Rp 9.159.496.551	Rp 48.076.063.779	-0,190520934
TRUK	Guna Timur Raya Tbk	2020	Rp 2.722.865.930	Rp 86.141.743.970	0,031609134
WEHA	WEHA Transportasi Indonesia Tbk	2020	-Rp 23.720.457.756	Rp 239.784.904.490	-0,098923899

Emiten	Nama Perusahaan	TAHUN	Lab a Ditahan	Total Aset	X2
AKSI	Mineral Sumberdaya Mandiri Tbk	2021	Rp 43.532.682.645	Rp 275.990.708.661	0,157732421
ASSA	Adi Sarana Armada Tbk	2021	Rp 715.091.704.632	Rp 6.031.946.733.670	0,118550733
BIRD	Blue Bird Tbk	2021	Rp 2.235.054	Rp 6.598.137	0,338740163
BLTA	Berlian Laju Tanker Tbk	2021	-Rp 1.247.175.069	Rp 70.328.736	-17,7335061
BPTR	Batavia Prosperindo Trans Tbk	2021	Rp 50.213.733.675	Rp 816.739.145.113	0,061480748
CMPP	AirAsia Indonesia Tbk	2021	-11.587.993.441.152	Rp 5.149.094.524.206	-2,250491496
DEAL	Dewata FreightInternational Tbk	2021	-157.274.998.239	Rp 170.331.201.369	-0,923348142
GIAA	Garuda Indonesia (Persero) Tbk	2021	-Rp 7.418.846.826	Rp 7.192.745.360	-1,031434655
HELI	Jaya Trishindo Tbk	2021	Rp 51.555.673.754	Rp 301.477.751.273	0,171009879
JAYA	Armada Berjaya Trans Tbk	2021	Rp 8.531.667.412	Rp 121.943.097.733	0,069964332
KJEN	Krida Jaringan Nusantara Tbk	2021	-Rp 764.193.629	Rp 69.136.014.725	-0,011053481
LRNA	Eka Sari Lorena Transport Tbk	2021	-Rp 133.895.625.014	Rp 239.333.983.354	-0,559450953
MIRA	Mitra International Resources	2021	-Rp 1.323.851.545.123	Rp 301.506.104.882	-4,390795157
NELY	Pelayaran Nelly Dwi Putri Tbk	2021	Rp 230.253.361.110	Rp 552.781.459.611	0,416535969
SAFE	Steady Safe Tbk	2021	-Rp 793.702.912.279	Rp 298.604.232.055	-2,658043079
SAPX	Satria Antar an Prima Tbk	2021	Rp 22.419.503.667	Rp 250.767.550.139	0,089403528
SDMU	Sidomulyo Selaras Tbk	2021	-Rp 125.810.141.286	Rp 169.199.466.266	-0,7435611
SMDR	Samudera Indonesia Tbk	2021	Rp 216.573.604	Rp 829.181.216	0,261189713
TAXI	Express Transindo Utama Tbk	2021	-Rp 1.268.890.939	Rp 91.040.495	-13,93765422
TMAS	Temas Tbk	2021	Rp 1.294.328	Rp 4.051.811	0,319444318
TNCA	Trimuda Nuansa Citra Tbk	2021	-Rp 7.957.957.183	Rp 52.442.481.062	-0,15174639
TRUK	Guna Timur Raya Tbk	2021	-Rp 2.091.135.364	Rp 76.740.944.634	-0,027249278
WEHA	WEHA Transportasi Indonesia Tbk	2021	-Rp 33.219.741.138	Rp 222.474.205.879	-0,149319518

• **Rasio Laba Sebelum Bunga & Pajak Terhadap Total Aset (X3) Altman-Z-score Sebelum Pandemi Covid-19 (2018-2019)**

Emiten	Nama Perusahaan	TAHUN	Lab a Sebelum Bunga & Pajak	Total Aset	X3
AKSI	Mineral Sumberdaya Mandiri Tbk	2018	Rp 39.555.257.654	Rp 275.005.973.287	0,143834176
ASSA	Adi Sarana Armada Tbk	2018	Rp 356.552.064.930	Rp 4.062.536.132.739	0,087765882
BIRD	Blue Bird Tbk	2018	Rp 558.249	Rp 6.955.157	0,08026404
BLTA	Berlian Laju Tanker Tbk	2018	Rp 7.318.495	Rp 71.348.533	0,102573868
BPTR	Batavia Prosperindo Trans Tbk	2018	Rp 45.382.370.223	Rp 548.878.317.131	0,082682024
CMPP	AirAsia Indonesia Tbk	2018	-Rp 987.052.768.012	Rp 2.845.045.212.353	-0,346937463
DEAL	Dewata FreightInternational Tbk	2018	Rp 12.964.969.628	Rp 250.166.940.746	0,051825272
GIAA	Garuda Indonesia (Persero) Tbk	2018	-Rp 199.105.549	Rp 4.155.474.803	-0,047914031
HELI	Jaya Trishindo Tbk	2018	Rp 34.070.282.182	Rp 264.566.083.938	0,128777966
JAYA	Armada Berjaya Trans Tbk	2018	Rp 9.317.418.792	Rp 52.075.344.303	0,178921886
KJEN	Krida Jaringan Nusantara Tbk	2018	Rp 477.891.921	Rp 39.342.424.864	0,012146987
LRNA	Eka Sari Lorena Transport Tbk	2018	Rp 8.046.827.054	Rp 312.059.443.277	0,025786199
MIRA	Mitra International Resources	2018	Rp 11.631.682.261	Rp 320.777.602.224	0,036260893
NELY	Pelayaran Nelly Dwi Putri Tbk	2018	Rp 55.964.337.676	Rp 474.345.474.753	0,117982232
SAFE	Steady Safe Tbk	2018	Rp 15.418.030.939	Rp 347.841.814.370	0,044324835
SAPX	Satria Antarana Prima Tbk	2018	-Rp 1.201.588.371	Rp 97.553.402.678	-0,012312737
SDMU	Sidomulyo Selaras Tbk	2018	Rp 16.435.424.830	Rp 255.711.905.396	0,064273209
SMDR	Samudera Indonesia Tbk	2018	Rp 63.803.313	Rp 599.790.746	0,106375954
TAXI	Express Transindo Utama Tbk	2018	-Rp 300.962.518	Rp 1.269.024.960	-0,23716044
TMAS	Temas Tbk	2018	Rp 150.330	Rp 2.837.426	0,052981117
TNCA	Trimuda Nuansa Citra Tbk	2018	Rp 3.554.155.567	Rp 46.878.125.128	0,075816931
TRUK	Guna Timur Raya Tbk	2018	Rp 9.698.876.310	Rp 94.392.166.037	0,102750861
WEHA	WEHA Transportasi Indonesia Tbk	2018	Rp 20.750.200.125	Rp 331.404.130.533	0,06261298

Emiten	Nama Perusahaan	TAHUN	Lab a Sebelum Bunga & Pajak	Total Aset	X3
AKSI	Mineral Sumberdaya Mandiri Tbk	2019	Rp 45.637.471.158	Rp 285.177.567.739	0,160031771
ASSA	Adi Sarana Armada Tbk	2019	Rp 349.468.567.650	Rp 4.849.223.630.042	0,072066911
BIRD	Blue Bird Tbk	2019	Rp 371.949	Rp 7.424.304	0,050098838
BLTA	Berlian Laju Tanker Tbk	2019	Rp 1.678.612	Rp 67.412.629	0,024900557
BPTR	Batavia Prosperindo Trans Tbk	2019	Rp 46.107.007.530	Rp 536.133.980.207	0,08599904
CMPP	AirAsia Indonesia Tbk	2019	Rp 113.942.790	Rp 2.613.070.074.932	4,3605E-05
DEAL	Dewata FreightInternational Tbk	2019	Rp 6.792.111.262	Rp 275.487.784.551	0,024654855
GIAA	Garuda Indonesia (Persero) Tbk	2019	Rp 147.014.670	Rp 4.455.675.774	0,032994921
HELI	Jaya Trishindo Tbk	2019	Rp 40.793.725.937	Rp 193.198.983.272	0,211148761
JAYA	Armada Berjaya Trans Tbk	2019	Rp 20.445.269.376	Rp 92.504.089.394	0,221020168
KJEN	Krida Jaringan Nusantara Tbk	2019	Rp 412.737.050	Rp 67.668.621.418	0,006099386
LRNA	Eka Sari Lorena Transport Tbk	2019	Rp 30.223.445.800	Rp 302.636.796.677	0,099867056
MIRA	Mitra International Resources	2019	Rp 8.949.242.914	Rp 351.483.053.912	0,025461378
NELY	Pelayaran Nelly Dwi Putri Tbk	2019	Rp 57.916.384.952	Rp 527.467.886.738	0,109800779
SAFE	Steady Safe Tbk	2019	Rp 54.111.425.055	Rp 357.452.208.844	0,151380866
SAPX	Satria Antarana Prima Tbk	2019	Rp 38.246.388.572	Rp 157.166.234.017	0,243349908
SDMU	Sidomulyo Selaras Tbk	2019	Rp 4.686.575.457	Rp 217.821.047.351	0,021515714
SMDR	Samudera Indonesia Tbk	2019	Rp 59.602.527	Rp 517.225.263	0,115235143
TAXI	Express Transindo Utama Tbk	2019	-Rp 262.972.709	Rp 479.265.331	-0,548699628
TMAS	Temas Tbk	2019	Rp 259.602	Rp 3.266.151	0,079482547
TNCA	Trimuda Nuansa Citra Tbk	2019	Rp 3.233.954.771	Rp 50.990.872.393	0,063422229
TRUK	Guna Timur Raya Tbk	2019	Rp 13.879.845.755	Rp 98.890.963.872	0,140355046
WEHA	WEHA Transportasi Indonesia Tbk	2019	Rp 13.368.068.312	Rp 269.602.629.189	0,04958434

• **Rasio Laba Sebelum Bunga & Pajak Terhadap Total Aset (X3) Altman Z-score Saat Pandemi Covid-19 (2020 - 2021)**

Emiten	Nama Perusahaan	TAHUN	Lab a Sebelum Bunga & Pajak	Total Aset	X3
AKSI	Mineral Sumberdaya Mandiri Tbk	2020	Rp 16.095.704.794	Rp 298.261.244.290	0,053965123
ASSA	Adi Sarana Armada Tbk	2020	Rp 315.903.893.899	Rp 5.170.895.098.267	0,061092691
BIRD	Blue Bird Tbk	2020	-Rp 227.036	Rp 7.253.114	-0,031301866
BLTA	Berlian Laju Tanker Tbk	2020	Rp 353.485	Rp 66.073.093	0,005349908
BPTR	Batavia Prosperindo Trans Tbk	2020	Rp 36.874.609.612	Rp 536.303.219.831	0,068757017
CMPP	AirAsia Indonesia Tbk	2020	-Rp 2.803.061.345.665	Rp 6.080.516.085.752	-0,460990697
DEAL	Dewata FreightInternational Tbk	2020	-Rp 45.767.395.014	Rp 283.270.056.415	-0,161568065
GIAA	Garuda Indonesia (Persero) Tbk	2020	-Rp 2.203.059.625	Rp 10.789.980.407	-0,204176425
HELI	Jaya Trishindo Tbk	2020	Rp 15.045.691.977	Rp 335.775.952.688	0,044808724
JAYA	Armada Berjaya Trans Tbk	2020	Rp 19.518.886.161	Rp 82.202.146.171	0,237449836
KJEN	Krida Jaringan Nusantara Tbk	2020	-Rp 1.049.839.822	Rp 73.132.687.738	-0,014355275
LRNA	Eka Sari Lorena Transport Tbk	2020	-Rp 9.459.352.817	Rp 270.508.602.770	-0,034968769
MIRA	Mitra International Resources	2020	Rp 7.359.039.218	Rp 317.031.964.534	0,023212294
NELY	Pelayaran Nelly Dwi Putri Tbk	2020	Rp 51.084.624.630	Rp 568.048.326.214	0,089930068
SAFE	Steady Safe Tbk	2020	Rp 23.910.513.276	Rp 322.122.601.640	0,07422799
SAPX	Satria Antarana Prima Tbk	2020	Rp 37.716.995.375	Rp 210.419.761.255	0,179246451
SDMU	Sidomulyo Selaras Tbk	2020	-Rp 6.078.931.793	Rp 177.182.837.855	-0,034308807
SMDR	Samudera Indonesia Tbk	2020	Rp 66.220.006	Rp 574.144.140	0,115336901
TAXI	Express Transindo Utama Tbk	2020	-Rp 92.163.945	Rp 243.302.339	-0,378804188
TMAS	Temas Tbk	2020	Rp 260.898	Rp 3.837.040	0,0679946
TNCA	Trimuda Nuansa Citra Tbk	2020	-Rp 2.556.033.849	Rp 48.076.063.779	-0,053166454
TRUK	Guna Timur Raya Tbk	2020	Rp 2.635.993.783	Rp 86.141.743.970	0,030600655
WEHA	WEHA Transportasi Indonesia Tbk	2020	-Rp 39.809.716.272	Rp 239.784.904.490	-0,166022612

Emiten	Nama Perusahaan	TAHUN	Lab a Sebelum Bunga & Pajak	Total Aset	X3
AKSI	Mineral Sumberdaya Mandiri Tbk	2021	Rp 37.129.031.634	Rp 275.990.708.661	0,134530006
ASSA	Adi Sarana Armada Tbk	2021	Rp 466.220.069.594	Rp 6.031.946.733.670	0,077291808
BIRD	Blue Bird Tbk	2021	-Rp 16.148	Rp 6.598.137	-0,002447357
BLTA	Berlian Laju Tanker Tbk	2021	Rp 7.889.179	Rp 70.328.736	0,112175754
BPTR	Batavia Prosperindo Trans Tbk	2021	Rp 54.800.828.001	Rp 816.739.145.113	0,0670971
CMPP	AirAsia Indonesia Tbk	2021	-Rp 1.668.830.728.011	Rp 5.149.094.524.206	-0,324101785
DEAL	Dewata FreightInternational Tbk	2021	-Rp 22.554.413.583	Rp 170.331.201.369	-0,132415044
GIAA	Garuda Indonesia (Persero) Tbk	2021	-Rp 3.962.167.447	Rp 7.192.745.360	-0,550856071
HELI	Jaya Trishindo Tbk	2021	Rp 19.023.398.913	Rp 301.477.751.273	0,063100507
JAYA	Armada Berjaya Trans Tbk	2021	Rp 22.334.509.524	Rp 121.943.097.733	0,183155176
KJEN	Krida Jaringan Nusantara Tbk	2021	-Rp 2.160.240.859	Rp 69.136.014.725	-0,031246245
LRNA	Eka Sari Lorena Transport Tbk	2021	-Rp 1.573.775.061	Rp 239.333.983.354	-0,006575644
MIRA	Mitra International Resources	2021	Rp 5.838.109.573	Rp 301.506.104.882	0,019363155
NELY	Pelayaran Nelly Dwi Putri Tbk	2021	Rp 54.847.781.792	Rp 552.781.459.611	0,099221457
SAFE	Steady Safe Tbk	2021	Rp 39.263.559.942	Rp 298.604.232.055	0,1314903
SAPX	Satria Antarana Prima Tbk	2021	Rp 48.972.572.115	Rp 250.767.550.139	0,195290707
SDMU	Sidomulyo Selaras Tbk	2021	Rp 18.620.714.734	Rp 169.199.466.266	0,110051853
SMDR	Samudera Indonesia Tbk	2021	Rp 189.832.769	Rp 829.181.216	0,228940026
TAXI	Express Transindo Utama Tbk	2021	-Rp 25.069.303	Rp 91.040.495	-0,275364309
TMAS	Temas Tbk	2021	Rp 1.131.906	Rp 4.051.811	0,279358045
TNCA	Trimuda Nuansa Citra Tbk	2021	Rp 1.938.847.793	Rp 52.442.481.062	0,036970939
TRUK	Guna Timur Raya Tbk	2021	Rp 5.169.911.264	Rp 76.740.944.634	0,067368356
WEHA	WEHA Transportasi Indonesia Tbk	2021	-Rp 4.374.565.548	Rp 222.474.205.879	-0,019663248

• **Rasio Nilai Buku Ekuitas Terhadap Total Kewajiban (X4) Altman Z-score Sebelum Pandemi Covid-19 (2018-2019)**

Emiten	Nama Perusahaan	TAHUN	Nilai Buku Ekuitas	Nilai Buku Liabilitas	X4
AKSI	Mineral Sumberdaya Mandiri Tbk	2018	Rp 109.805.291.234	Rp 165.200.682.053	0,664678195
ASSA	Adi Sarana Armada Tbk	2018	Rp 1.138.411.931.126	Rp 2.924.124.201.613	0,389317229
BIRD	Blue Bird Tbk	2018	Rp 5.265.161	Rp 1.689.996	3,115487256
BLTA	Berlian Laju Tanker Tbk	2018	Rp 28.967.836	Rp 42.380.697	0,683514856
BPTR	Batavia Prosperindo Trans Tbk	2018	Rp 206.090.917.502	Rp 342.787.399.629	0,601220808
CMPP	AirAsia Indonesia Tbk	2018	-Rp 802.175.359.354	Rp 3.647.220.571.707	-0,219941554
DEAL	Dewata FreightInternational Tbk	2018	Rp 123.900.015.791	Rp 126.266.924.955	0,981254718
GIAA	Garuda Indonesia (Persero) Tbk	2018	Rp 639.806.556	Rp 3.515.668.247	0,181987182
HELI	Jaya Trishindo Tbk	2018	Rp 103.281.213.030	Rp 161.284.870.908	0,640365165
JAYA	Armada Berjaya Trans Tbk	2018	Rp 21.872.748.948	Rp 30.202.595.355	0,724200973
KJEN	Krida Jaringan Nusantara Tbk	2018	Rp 37.203.092.288	Rp 2.139.332.576	17,39004618
LRNA	Eka Sari Lorena Transport Tbk	2018	Rp 268.044.810.814	Rp 44.014.632.463	6,089902285
MIRA	Mitra International Resources	2018	Rp 224.316.166.520	Rp 96.461.435.704	2,32544918
NELY	Pelayaran Nelly Dwi Putri Tbk	2018	Rp 423.384.891.038	Rp 50.960.583.715	8,308085586
SAFE	Steady Safe Tbk	2018	-Rp 60.623.120.392	Rp 408.464.934.762	-0,148416951
SAPX	Satria Antarana Prima Tbk	2018	Rp 66.576.129.262	Rp 30.977.273.416	2,14919268
SDMU	Sidomulyo Selaras Tbk	2018	Rp 85.607.711.572	Rp 170.104.193.824	0,50326632
SMDR	Samudera Indonesia Tbk	2018	Rp 306.632.468	Rp 293.158.278	1,045962168
TAXI	Express Transindo Utama Tbk	2018	-Rp 584.587.091	Rp 1.853.612.051	-0,315377261
TMAS	Temas Tbk	2018	Rp 1.069.415	Rp 1.768.011	0,604868974
TNCA	Trimuda Nuansa Citra Tbk	2018	Rp 39.954.730.029	Rp 6.923.395.099	5,770973555
TRUK	Guna Timur Raya Tbk	2018	Rp 72.603.904.571	Rp 21.788.261.466	3,332248637
WEHA	WEHA Transportasi Indonesia Tbk	2018	Rp 152.922.445.170	Rp 178.481.685.363	0,856796286

Emiten	Nama Perusahaan	TAHUN	Nilai Buku Ekuitas	Nilai Buku Liabilitas	X4
AKSI	Mineral Sumberdaya Mandiri Tbk	2019	Rp 113.971.077.993	Rp 171.206.489.746	0,665693679
ASSA	Adi Sarana Armada Tbk	2019	Rp 1.338.152.253.649	Rp 3.511.071.376.393	0,381123626
BIRD	Blue Bird Tbk	2019	Rp 5.408.102	Rp 2.016.202	2,682321513
BLTA	Berlian Laju Tanker Tbk	2019	Rp 30.652.442	Rp 36.760.187	0,833848914
BPTR	Batavia Prosperindo Trans Tbk	2019	Rp 218.492.730.999	Rp 317.641.249.208	0,687860067
CMPP	AirAsia Indonesia Tbk	2019	Rp 202.127.259.325	Rp 2.410.942.815.607	0,083837434
DEAL	Dewata FreightInternational Tbk	2019	Rp 125.676.443.224	Rp 149.811.341.327	0,838898057
GIAA	Garuda Indonesia (Persero) Tbk	2019	Rp 720.622.891	Rp 3.735.052.883	0,192935124
HELI	Jaya Trishindo Tbk	2019	Rp 125.455.393.965	Rp 67.743.589.307	1,851915366
JAYA	Armada Berjaya Trans Tbk	2019	Rp 64.092.672.924	Rp 28.411.416.470	2,255877421
KJEN	Krida Jaringan Nusantara Tbk	2019	Rp 65.615.202.214	Rp 2.053.419.204	31,9541193
LRNA	Eka Sari Lorena Transport Tbk	2019	Rp 261.174.167.488	Rp 41.462.629.189	6,299025715
MIRA	Mitra International Resources	2019	Rp 234.557.407.552	Rp 116.925.646.360	2,006039007
NELY	Pelayaran Nelly Dwi Putri Tbk	2019	Rp 462.031.414.941	Rp 65.436.471.797	7,060762939
SAFE	Steady Safe Tbk	2019	-Rp 51.502.854.672	Rp 408.955.063.516	-0,125937687
SAPX	Satria Antarana Prima Tbk	2019	Rp 106.819.786.154	Rp 50.346.447.863	2,121694592
SDMU	Sidomulyo Selaras Tbk	2019	Rp 51.205.422.435	Rp 166.615.624.916	0,307326654
SMDR	Samudera Indonesia Tbk	2019	Rp 246.821.874	Rp 270.403.389	0,912791348
TAXI	Express Transindo Utama Tbk	2019	-Rp 454.062.549	Rp 933.327.880	-0,486498431
TMAS	Temas Tbk	2019	Rp 1.183.157	Rp 2.082.994	0,568007877
TNCA	Trimuda Nuansa Citra Tbk	2019	Rp 42.204.813.957	Rp 8.786.058.436	4,803611798
TRUK	Guna Timur Raya Tbk	2019	Rp 72.974.725.894	Rp 25.916.237.978	2,815791627
WEHA	WEHA Transportasi Indonesia Tbk	2019	Rp 151.868.100.767	Rp 117.734.528.422	1,289919812

• **Rasio Nilai Buku Ekuitas Terhadap Total Kewajiban (X4) Altman Z-score Saat Pandemi Covid-19 (2020-2021)**

Emiten	Nama Perusahaan	TAHUN	Nilai Buku Ekuitas	Nilai Buku Liabilitas	X4
AKSI	Mineral Sumberdaya Mandiri Tbk	2020	Rp 106.491.113.645	Rp 191.770.130.645	0,555306049
ASSA	Adi Sarana Armada Tbk	2020	Rp 1.439.319.915.699	Rp 3.731.575.182.568	0,385713766
BIRD	Blue Bird Tbk	2020	Rp 5.235.523	Rp 2.017.591	2,594937725
BLTA	Berlian Laju Tanker Tbk	2020	Rp 27.914.952	Rp 38.158.141	0,731559538
BPTR	Batavia Prosperindo Trans Tbk	2020	Rp 224.465.753.624	Rp 311.837.466.207	0,7198165
CMPP	AirAsia Indonesia Tbk	2020	-Rp 2.910.411.800.365	Rp 8.990.927.886.117	-0,323705388
DEAL	Dewata Freightinternational Tbk	2020	Rp 75.488.611.390	Rp 207.781.445.025	0,36330776
GIAA	Garuda Indonesia (Persero) Tbk	2020	-Rp 1.943.024.247	Rp 12.733.004.654	-0,152597466
HELI	Jaya Trishindo Tbk	2020	Rp 132.128.671.621	Rp 203.647.281.067	0,648811371
JAYA	Armada Berjaya Trans Tbk	2020	Rp 66.745.176.250	Rp 15.456.969.921	4,318128106
KJEN	Krida Jaringan Nusantara Tbk	2020	Rp 63.958.232.182	Rp 9.174.455.556	6,971338167
LRNA	Eka Sari Lorena Transport Tbk	2020	Rp 218.155.849.825	Rp 52.352.752.945	4,167036833
MIRA	Mitra International Resources	2020	Rp 215.353.920.521	Rp 101.678.044.013	2,117998262
NELY	Pelayaran Nelly Dwi Putri Tbk	2020	Rp 498.749.611.556	Rp 69.298.714.658	7,19709758
SAFE	Steady Safe Tbk	2020	-Rp 68.918.020.573	Rp 391.040.622.213	-0,176242612
SAPX	Satria Antarana Prima Tbk	2020	Rp 137.982.076.263	Rp 72.437.684.992	1,904838293
SDMU	Sidomulyo Selaras Tbk	2020	Rp 7.736.850.426	Rp 169.445.987.429	0,045659685
SMDR	Samudera Indonesia Tbk	2020	Rp 241.770.453	Rp 332.373.687	0,727405515
TAXI	Express Transindo Utama Tbk	2020	-Rp 520.326.619	Rp 763.628.958	-0,681386704
TMAS	Temas Tbk	2020	Rp 1.210.945	Rp 2.626.095	0,461120028
TNCA	Trimuda Nuansa Citra Tbk	2020	Rp 39.939.970.025	Rp 8.136.093.754	4,908985962
TRUK	Guna Timur Raya Tbk	2020	Rp 63.491.255.062	Rp 22.650.488.908	2,803085413
WEHA	WEHA Transportasi Indonesia Tbk	2020	Rp 117.997.020.822	Rp 121.787.883.668	0,968873235

Emiten	Nama Perusahaan	TAHUN	Nilai Buku Ekuitas	Nilai Buku Liabilitas	X4
AKSI	Mineral Sumberdaya Mandiri Tbk	2021	Rp 130.728.712.124	Rp 145.261.996.537	0,899951228
ASSA	Adi Sarana Armada Tbk	2021	Rp 1.765.507.990.044	Rp 4.266.438.743.626	0,413813041
BIRD	Blue Bird Tbk	2021	Rp 5.147.579	Rp 1.450.558	3,548688849
BLTA	Berlian Laju Tanker Tbk	2021	Rp 32.071.049	Rp 38.257.687	0,838290328
BPTR	Batavia Prosperindo Trans Tbk	2021	Rp 244.717.189.203	Rp 572.021.955.910	0,427810833
CMPP	AirAsia Indonesia Tbk	2021	-Rp 5.205.078.080.169	Rp 10.354.172.604.375	-0,50270343
DEAL	Dewata Freightinternational Tbk	2021	-Rp 34.965.856.279	Rp 205.297.057.648	-0,170318351
GIAA	Garuda Indonesia (Persero) Tbk	2021	-Rp 6.110.059.715	Rp 13.302.805.075	-0,459306115
HELI	Jaya Trishindo Tbk	2021	Rp 141.161.133.320	Rp 160.316.617.953	0,880514666
JAYA	Armada Berjaya Trans Tbk	2021	Rp 110.212.459.511	Rp 11.730.638.222	9,395265409
KJEN	Krida Jaringan Nusantara Tbk	2021	Rp 62.238.223.791	Rp 6.897.790.934	9,022921162
LRNA	Eka Sari Lorena Transport Tbk	2021	Rp 192.031.335.104	Rp 47.302.648.250	4,059631801
MIRA	Mitra International Resources	2021	Rp 203.249.964.314	Rp 98.256.140.568	2,068572642
NELY	Pelayaran Nelly Dwi Putri Tbk	2021	Rp 491.922.751.467	Rp 60.858.708.144	8,083029799
SAFE	Steady Safe Tbk	2021	-Rp 68.235.125.158	Rp 366.839.357.213	-0,186008191
SAPX	Satria Antarana Prima Tbk	2021	Rp 167.909.790.217	Rp 82.857.759.922	2,026482376
SDMU	Sidomulyo Selaras Tbk	2021	-Rp 1.894.771.610	Rp 171.094.237.876	-0,011074433
SMDR	Samudera Indonesia Tbk	2021	Rp 381.790.173	Rp 447.391.043	0,853370176
TAXI	Express Transindo Utama Tbk	2021	Rp 76.068.261	Rp 14.972.234	5,08062197
TMAS	Temas Tbk	2021	Rp 1.542.050	Rp 2.509.761	0,614421054
TNCA	Trimuda Nuansa Citra Tbk	2021	Rp 41.142.451.771	Rp 11.300.029.291	3,640915498
TRUK	Guna Timur Raya Tbk	2021	Rp 58.677.253.768	Rp 18.063.690.866	3,248353518
WEHA	WEHA Transportasi Indonesia Tbk	2021	Rp 108.500.602.451	Rp 113.973.603.428	0,951980101

- **Rasio Modal Kerja Terhadap Total Aset (X1) Springate Sebelum Pandemi Covid-19 (2018-2019)**

Emiten	Nama Perusahaan	TAHUN	Aset Lancar	Utang Lancar	Working Capital	Total Aset	X1
AKSI	Mineral Sumberdaya Mandiri Tbk	2018	Rp 96.565.714.379	Rp 65.453.742.020	Rp 31.111.972.359	Rp 275.005.973.287	0,113131988
ASSA	Adi Sarana Armada Tbk	2018	Rp 536.760.828.132	Rp 1.150.241.108.007	-Rp 613.480.279.875	Rp 4.062.536.132.739	-0,151009187
BIRD	Blue Bird Tbk	2018	Rp 1.071.773	Rp 614.987	Rp 456.786	Rp 6.955.157	0,065675872
BLTA	Berlian Laju Tanker Tbk	2018	Rp 7.910.239	Rp 12.833.718	-Rp 4.923.479	Rp 71.348.533	-0,06900603
BPTR	Batavia Prosperindo Trans Tbk	2018	Rp 47.317.148.338	Rp 155.864.998.470	Rp 47.317.148.338	Rp 548.878.317.131	0,086206991
CMPP	AirAsia Indonesia Tbk	2018	Rp 459.842.437.838	Rp 2.806.387.704.648	-Rp 2.346.545.266.810	Rp 2.845.045.212.353	-0,82478312
DEAL	Dewata Freightinternational Tbk	2018	Rp 137.349.295.295	Rp 110.328.421.284	Rp 27.020.874.011	Rp 250.166.940.746	0,10801137
GIAA	Garuda Indonesia (Persero) Tbk	2018	Rp 1.079.945.126	Rp 3.061.396.001	-Rp 1.981.450.875	Rp 4.155.474.803	-0,476828995
HELI	Jaya Trishindo Tbk	2018	Rp 121.404.774.595	Rp 133.865.412.438	-Rp 12.460.637.843	Rp 264.566.083.938	-0,047098395
JAYA	Armada Berjaya Trans Tbk	2018	Rp 11.786.634.266	Rp 13.515.498.185	-Rp 1.728.863.919	Rp 52.075.344.303	-0,03319928
KJEN	Krida Jaringan Nusantara Tbk	2018	Rp 14.301.272.151	Rp 1.188.162.924	Rp 13.113.109.227	Rp 39.342.424.864	0,333307092
LRNA	Eka Sari Lorena Transport Tbk	2018	Rp 33.278.321.166	Rp 20.166.061.081	Rp 13.112.260.085	Rp 312.059.443.277	0,042018469
MIRA	Mitra International Resources	2018	Rp 131.453.924.595	Rp 28.024.488.205	Rp 103.429.436.390	Rp 320.777.602.224	0,322433473
NELY	Pelayaran Nelly Dwi Putri Tbk	2018	Rp 142.043.543.822	Rp 23.526.300.566	Rp 118.517.243.256	Rp 474.345.474.753	0,249854272
SAFE	Steady Safe Tbk	2018	Rp 41.100.383.133	Rp 210.911.344.358	-Rp 169.810.961.225	Rp 347.841.814.370	-0,48818444
SAPX	Satria Antarana Prima Tbk	2018	Rp 78.186.496.714	Rp 19.559.153.698	Rp 58.627.343.016	Rp 97.553.402.678	0,600976915
SDMU	Sidomulyo Selaras Tbk	2018	Rp 87.698.959.097	Rp 84.374.199.166	Rp 3.324.759.931	Rp 255.711.905.396	0,013001976
SMDR	Samudera Indonesia Tbk	2018	Rp 220.642.568	Rp 201.448.507	Rp 19.194.061	Rp 599.790.746	0,032001262
TAXI	Express Transindo Utama Tbk	2018	Rp 499.247.067	Rp 1.603.238.372	-Rp 1.103.991.305	Rp 1.269.024.960	-0,869952396
TMAS	Temas Tbk	2018	Rp 411.249	Rp 956.341	-Rp 545.092	Rp 2.837.426	-0,192107918
TNCA	Trimuda Nuansa Citra Tbk	2018	Rp 43.528.281.799	Rp 3.816.016.104	Rp 39.712.265.695	Rp 46.878.125.128	0,847138523
TRUK	Guna Timur Raya Tbk	2018	Rp 11.506.524.843	Rp 10.368.246.046	Rp 1.138.278.797	Rp 94.392.166.037	0,012059039
WEHA	WEHA Transportasi Indonesia Tbk	2018	Rp 22.696.768.887	Rp 56.398.943.588	-Rp 33.702.174.701	Rp 331.404.130.533	-0,101695095

Emiten	Nama Perusahaan	TAHUN	Aset Lancar	Utang Lancar	Working Capital	Total Aset	X1
AKSI	Mineral Sumberdaya Mandiri Tbk	2019	Rp 148.724.982.545	Rp 99.631.561.298	Rp 49.093.421.247	Rp 285.177.567.739	0,172150361
ASSA	Adi Sarana Armada Tbk	2019	Rp 652.506.417.924	Rp 1.240.237.695.433	-Rp 587.731.277.509	Rp 4.849.223.630.042	-0,121201108
BIRD	Blue Bird Tbk	2019	Rp 938.785	Rp 753.515	Rp 185.270	Rp 7.424.304	0,024954528
BLTA	Berlian Laju Tanker Tbk	2019	Rp 5.220.693	Rp 9.568.042	-Rp 4.347.349	Rp 67.412.629	-0,064488644
BPTR	Batavia Prosperindo Trans Tbk	2019	Rp 40.277.548.078	Rp 165.747.918.407	-Rp 125.470.370.329	Rp 536.133.980.207	-0,234028013
CMPP	AirAsia Indonesia Tbk	2019	Rp 945.905.221.392	Rp 2.007.253.622.193	-Rp 1.061.348.400.801	Rp 2.613.070.074.932	-0,406169131
DEAL	Dewata Freightinternational Tbk	2019	Rp 110.924.913.091	Rp 110.399.868.528	Rp 525.044.563	Rp 275.487.784.551	0,001905872
GIAA	Garuda Indonesia (Persero) Tbk	2019	Rp 1.133.892.533	Rp 3.257.836.267	-Rp 2.123.943.734	Rp 4.455.675.774	-0,476682739
HELI	Jaya Trishindo Tbk	2019	Rp 83.695.056.368	Rp 49.378.265.088	Rp 34.316.791.280	Rp 193.198.983.272	0,177624078
JAYA	Armada Berjaya Trans Tbk	2019	Rp 14.988.217.105	Rp 18.670.103.563	-Rp 3.681.886.458	Rp 92.504.089.394	-0,039802418
KJEN	Krida Jaringan Nusantara Tbk	2019	Rp 5.318.745.267	Rp 1.222.391.000	Rp 4.096.354.267	Rp 67.668.621.418	0,060535506
LRNA	Eka Sari Lorena Transport Tbk	2019	Rp 37.973.876.818	Rp 16.654.963.274	Rp 21.318.913.544	Rp 302.636.796.677	0,070443891
MIRA	Mitra International Resources	2019	Rp 80.168.401.538	Rp 50.490.247.279	Rp 29.678.154.259	Rp 351.483.053.912	0,084436942
NELY	Pelayaran Nelly Dwi Putri Tbk	2019	Rp 134.012.941.477	Rp 23.179.545.509	Rp 110.833.395.968	Rp 527.467.886.738	0,210123495
SAFE	Steady Safe Tbk	2019	Rp 25.440.029.597	Rp 190.967.041.916	-Rp 165.527.012.319	Rp 357.452.208.844	-0,463074526
SAPX	Satria Antarana Prima Tbk	2019	Rp 123.087.747.765	Rp 31.755.734.984	Rp 91.332.012.781	Rp 157.166.234.017	0,58111727
SDMU	Sidomulyo Selaras Tbk	2019	Rp 64.816.994.246	Rp 111.678.713.109	-Rp 46.861.718.863	Rp 217.821.047.351	-0,215138617
SMDR	Samudera Indonesia Tbk	2019	Rp 223.248.644	Rp 176.004.127	Rp 47.244.517	Rp 517.225.263	0,091342246
TAXI	Express Transindo Utama Tbk	2019	Rp 209.703.468	Rp 720.977.430	-Rp 511.273.962	Rp 479.265.331	-1,066786869
TMAS	Temas Tbk	2019	Rp 518.941	Rp 982.055	-Rp 463.114	Rp 3.266.151	-0,141791975
TNCA	Trimuda Nuansa Citra Tbk	2019	Rp 47.648.161.769	Rp 4.064.900.863	Rp 43.583.260.906	Rp 50.990.872.393	0,854726716
TRUK	Guna Timur Raya Tbk	2019	Rp 16.320.043.246	Rp 14.420.323.854	Rp 1.899.719.392	Rp 98.890.963.872	0,019210242
WEHA	WEHA Transportasi Indonesia Tbk	2019	Rp 20.607.998.968	Rp 39.953.268.587	-Rp 19.345.269.619	Rp 269.602.629.189	-0,071754751

- **Rasio Modal Kerja Terhadap Total Aset (X1) Springate Saat Pandemi Covid-19 (2020-2021)**

Emiten	Nama Perusahaan	TAHUN	Aset Lancar	Utang Lancar	Working Capital	Total Aset	X1
AKSI	Mineral Sumberdaya Mandiri Tbk	2020	Rp 165.109.516.135	114.959.432.645	Rp 50.150.083.490	Rp 298.261.244.290	0,168141468
ASSA	Adi Sarana Armada Tbk	2020	Rp 627.688.164.688	Rp 1.436.932.364.028	-Rp 809.244.199.340	Rp 5.170.895.098.267	-0,156499829
BIRD	Blue Bird Tbk	2020	Rp 1.241.604	Rp 639.864	Rp 601.740	Rp 7.253.114	0,082962987
BLTA	Berlian Laju Tanker Tbk	2020	Rp 6.391.894	Rp 12.633.148	-Rp 6.241.254	Rp 66.073.093	-0,094459843
BPTR	Batavia Prosperindo Trans Tbk	2020	Rp 32.947.871.930	Rp 150.765.896.036	-Rp 117.818.024.106	Rp 536.303.219.831	-0,219685468
CMPP	AirAsia Indonesia Tbk	2020	Rp 172.660.668.664	Rp 4.957.130.972.939	-Rp 4.784.470.304.275	Rp 6.080.516.085.752	-0,786852668
DEAL	Dewata Freightinternational Tbk	2020	Rp 115.979.973.335	Rp 152.334.287.682	-Rp 36.354.314.347	Rp 283.270.056.415	-0,128338007
GIAA	Garuda Indonesia (Persero) Tbk	2020	Rp 536.547.176	Rp 4.294.797.755	-Rp 3.758.250.579	Rp 10.789.980.407	-0,348309305
HELI	Jaya Trishindo Tbk	2020	Rp 147.384.406.503	Rp 133.722.885.753	Rp 13.661.520.750	Rp 335.775.952.688	0,040686418
JAYA	Armada Berjaya Trans Tbk	2020	Rp 20.236.527.028	Rp 11.810.512.910	Rp 8.426.014.118	Rp 82.202.146.171	0,102503578
KJEN	Krida Jaringan Nusantara Tbk	2020	Rp 10.198.668.815	Rp 4.739.828.485	Rp 5.458.840.330	Rp 73.132.687.738	0,074642961
LRNA	Eka Sari Lorena Transport Tbk	2020	Rp 19.404.955.562	Rp 24.273.678.406	-Rp 4.868.722.844	Rp 270.508.602.770	-0,017998403
MIRA	Mitra International Resources	2020	Rp 55.211.778.498	Rp 47.140.889.442	Rp 8.070.889.056	Rp 317.031.964.534	0,025457651
NELY	Pelayaran Nelly Dwi Putri Tbk	2020	Rp 146.335.988.563	Rp 21.765.155.172	Rp 124.570.833.391	Rp 568.048.326.214	0,21929619
SAFE	Steady Safe Tbk	2020	Rp 20.982.095.777	Rp 187.447.337.834	-Rp 166.465.242.057	Rp 322.122.601.640	-0,516776039
SAPX	Satria Antarana Prima Tbk	2020	Rp 167.091.764.767	Rp 58.399.139.946	Rp 108.692.624.821	Rp 210.419.761.255	0,516551412
SDMU	Sidomulyo Selaras Tbk	2020	Rp 42.602.225.466	Rp 141.011.386.027	-Rp 98.409.160.561	Rp 177.182.837.855	-0,555410229
SMDR	Samudera Indonesia Tbk	2020	Rp 248.654.972	Rp 192.089.546	Rp 56.565.426	Rp 574.144.140	0,098521298
TAXI	Express Transindo Utama Tbk	2020	Rp 160.199.112	Rp 582.958.840	-Rp 422.759.728	Rp 243.302.339	-1,737590069
TMAS	Temas Tbk	2020	Rp 410.184	Rp 902.798	-Rp 492.614	Rp 3.837.040	-0,128383858
TNCA	Trimuda Nuansa Citra Tbk	2020	Rp 18.403.211.935	Rp 4.521.806.377	Rp 13.881.405.558	Rp 48.076.063.779	0,288738396
TRUK	Guna Timur Raya Tbk	2020	Rp 10.950.372.543	Rp 16.591.014.668	-Rp 5.640.642.125	Rp 86.141.743.970	-0,065480937
WEHA	WEHA Transportasi Indonesia Tbk	2020	Rp 11.358.991.009	Rp 30.824.345.288	-Rp 19.465.354.279	Rp 239.784.904.490	-0,081178397

Emiten	Nama Perusahaan	TAHUN	Aset Lancar	Utang Lancar	Working Capital	Total Aset	X1
AKSI	Mineral Sumberdaya Mandiri Tbk	2021	Rp 150.043.015.990	Rp 83.977.625.835	Rp 66.065.390.155	Rp 275.990.708.661	0,239375414
ASSA	Adi Sarana Armada Tbk	2021	Rp 1.061.788.861.867	Rp 627.688.164.688	Rp 434.100.697.179	Rp 6.031.946.733.670	0,071966931
BIRD	Blue Bird Tbk	2021	Rp 1.366.505	Rp 565.041	Rp 801.464	Rp 6.598.137	0,121468227
BLTA	Berlian Laju Tanker Tbk	2021	Rp 14.198.826	Rp 10.709.803	Rp 3.489.023	Rp 70.328.736	0,049610205
BPTR	Batavia Prosperindo Trans Tbk	2021	Rp 51.176.784.882	Rp 159.848.739.818	-Rp 108.671.954.936	Rp 816.739.145.113	-0,133055891
CMPP	AirAsia Indonesia Tbk	2021	Rp 165.547.101.103	Rp 6.601.734.213.455	-Rp 6.436.187.112.352	Rp 5.149.094.524.206	-1,24996484
DEAL	Dewata Freightinternational Tbk	2021	Rp 69.272.490.998	Rp 129.569.093.377	-Rp 60.296.602.379	Rp 170.331.201.369	-0,353996226
GIAA	Garuda Indonesia (Persero) Tbk	2021	Rp 305.725.029	Rp 5.771.313.185	-Rp 5.465.588.156	Rp 7.192.745.360	-0,759875108
HELI	Jaya Trishindo Tbk	2021	Rp 107.007.105.513	Rp 104.231.114.388	Rp 2.775.991.125	Rp 301.477.751.273	0,009207947
JAYA	Armada Berjaya Trans Tbk	2021	Rp 54.823.160.889	Rp 6.974.418.958	Rp 47.848.741.931	Rp 121.943.097.733	0,392385816
KJEN	Krida Jaringan Nusantara Tbk	2021	Rp 7.517.165.587	Rp 2.688.790.395	Rp 4.828.375.192	Rp 69.136.014.725	0,069838784
LRNA	Eka Sari Lorena Transport Tbk	2021	Rp 19.325.367.668	Rp 19.204.829.670	Rp 120.537.998	Rp 239.333.983.354	0,000503639
MIRA	Mitra International Resources	2021	Rp 54.436.318.441	Rp 49.557.803.766	Rp 4.878.514.675	Rp 301.506.104.882	0,016180484
NELY	Pelayaran Nelly Dwi Putri Tbk	2021	Rp 99.707.098.594	Rp 25.913.588.162	Rp 73.793.510.432	Rp 552.781.459.611	0,133494909
SAFE	Steady Safe Tbk	2021	Rp 27.205.306.574	Rp 323.987.512.785	-Rp 296.782.206.211	Rp 298.604.232.055	-0,993898191
SAPX	Satria Antarana Prima Tbk	2021	Rp 189.616.124.655	Rp 61.866.044.671	Rp 127.750.079.984	Rp 250.767.550.139	0,509436248
SDMU	Sidomulyo Selaras Tbk	2021	Rp 45.210.701.607	Rp 156.558.710.680	-Rp 111.348.009.073	Rp 169.199.466.266	-0,658087236
SMDR	Samudera Indonesia Tbk	2021	Rp 429.449.055	Rp 296.637.740	Rp 132.811.315	Rp 829.181.216	0,16017164
TAXI	Express Transindo Utama Tbk	2021	Rp 81.644.827	Rp 11.342.151	Rp 70.302.676	Rp 91.040.495	0,772213244
TMAS	Temas Tbk	2021	Rp 1.138.374	Rp 997.061	Rp 141.313	Rp 4.051.811	0,034876503
TNCA	Trimuda Nuansa Citra Tbk	2021	Rp 21.794.024.947	Rp 7.129.662.654	Rp 14.664.362.293	Rp 52.442.481.062	0,279627546
TRUK	Guna Timur Raya Tbk	2021	Rp 7.315.713.528	Rp 11.305.872.300	-Rp 3.990.158.772	Rp 76.740.944.634	-0,051995174
WEHA	WEHA Transportasi Indonesia Tbk	2021	Rp 12.590.158.246	Rp 29.778.574.564	-Rp 17.188.416.318	Rp 222.474.205.879	-0,077260266

• **Rasio Laba Sebelum Bunga & Pajak Terhadap Total Aset (X2) Springate Sebelum Pandemi Covid-19 (2018-2019)**

Emiten	Nama Perusahaan	TAHUN	Lab a Sebelum Bunga & Pajak	Total Aset	X2
AKSI	Mineral Sumberdaya Mandiri Tbk	2018	Rp 39.555.257.654	Rp 275.005.973.287	0,143834176
ASSA	Adi Sarana Armada Tbk	2018	Rp 356.552.064.930	Rp 4.062.536.132.739	0,087765882
BIRD	Blue Bird Tbk	2018	Rp 558.249	Rp 6.955.157	0,08026404
BLTA	Berlian Laju Tanker Tbk	2018	Rp 7.318.495	Rp 71.348.533	0,102573868
BPTR	Batavia Prosperindo Trans Tbk	2018	Rp 45.382.370.223	Rp 548.878.317.131	0,082682024
CMPP	AirAsia Indonesia Tbk	2018	-Rp 987.052.768.012	Rp 2.845.045.212.353	-0,346937463
DEAL	Dewata FreightInternational Tbk	2018	Rp 12.964.969.628	Rp 250.166.940.746	0,051825272
GIAA	Garuda Indonesia (Persero) Tbk	2018	-Rp 199.105.549	Rp 4.155.474.803	-0,047914031
HELI	Jaya Trishindo Tbk	2018	Rp 34.070.282.182	Rp 264.566.083.938	0,128777966
JAYA	Armada Berjaya Trans Tbk	2018	Rp 9.317.418.792	Rp 52.075.344.303	0,178921886
KJEN	Krida Jaringan Nusantara Tbk	2018	Rp 477.891.921	Rp 39.342.424.864	0,012146987
LRNA	Eka Sari Lorena Transport Tbk	2018	Rp 8.046.827.054	Rp 312.059.443.277	0,025786199
MIRA	Mitra International Resources	2018	Rp 11.631.682.261	Rp 320.777.602.224	0,036260893
NELY	Pelayaran Nelly Dwi Putri Tbk	2018	Rp 55.964.337.676	Rp 474.345.474.753	0,117982232
SAFE	Steady Safe Tbk	2018	Rp 15.418.030.939	Rp 347.841.814.370	0,044324835
SAPX	Satria Antarana Prima Tbk	2018	-Rp 1.201.588.371	Rp 97.553.402.678	-0,012317237
SDMU	Sidomulyo Selaras Tbk	2018	Rp 16.435.424.830	Rp 255.711.905.396	0,064273209
SMDR	Samudera Indonesia Tbk	2018	Rp 63.803.313	Rp 599.790.746	0,106375954
TAXI	Express Transindo Utama Tbk	2018	-Rp 300.962.518	Rp 1.269.024.960	-0,23716044
TMAS	Temas Tbk	2018	Rp 150.330	Rp 2.837.426	0,052981117
TNCA	Trimuda Nuansa Citra Tbk	2018	Rp 3.554.155.567	Rp 46.878.125.128	0,075816931
TRUK	Guna Timur Raya Tbk	2018	Rp 9.698.876.310	Rp 94.392.166.037	0,102750861
WEHA	WEHA Transportasi Indonesia Tbk	2018	Rp 20.750.200.125	Rp 331.404.130.533	0,06261298

Emiten	Nama Perusahaan	TAHUN	Lab a Sebelum Bunga & Pajak	Total Aset	X2
AKSI	Mineral Sumberdaya Mandiri Tbk	2019	Rp 45.637.471.158	Rp 285.177.567.739	0,160031771
ASSA	Adi Sarana Armada Tbk	2019	Rp 349.468.567.650	Rp 4.849.223.630.042	0,072066911
BIRD	Blue Bird Tbk	2019	Rp 371.949	Rp 7.424.304	0,050098838
BLTA	Berlian Laju Tanker Tbk	2019	Rp 1.678.612	Rp 67.412.629	0,024900557
BPTR	Batavia Prosperindo Trans Tbk	2019	Rp 46.107.007.530	Rp 536.133.980.207	0,08599904
CMPP	AirAsia Indonesia Tbk	2019	Rp 113.942.790	Rp 2.613.070.074.932	4,3605E-05
DEAL	Dewata FreightInternational Tbk	2019	Rp 6.792.111.262	Rp 275.487.784.551	0,024654855
GIAA	Garuda Indonesia (Persero) Tbk	2019	Rp 147.014.670	Rp 4.455.675.774	0,032994921
HELI	Jaya Trishindo Tbk	2019	Rp 40.793.725.937	Rp 193.198.983.272	0,211148761
JAYA	Armada Berjaya Trans Tbk	2019	Rp 20.445.269.376	Rp 92.504.089.394	0,221020168
KJEN	Krida Jaringan Nusantara Tbk	2019	Rp 412.737.050	Rp 67.668.621.418	0,006099386
LRNA	Eka Sari Lorena Transport Tbk	2019	Rp 30.223.445.800	Rp 302.636.796.677	0,099867056
MIRA	Mitra International Resources	2019	Rp 8.949.242.914	Rp 351.483.053.912	0,025461378
NELY	Pelayaran Nelly Dwi Putri Tbk	2019	Rp 57.916.384.952	Rp 527.467.886.738	0,109800779
SAFE	Steady Safe Tbk	2019	Rp 54.111.425.055	Rp 357.452.208.844	0,151380866
SAPX	Satria Antarana Prima Tbk	2019	Rp 38.246.388.572	Rp 157.166.234.017	0,243349908
SDMU	Sidomulyo Selaras Tbk	2019	Rp 4.686.575.457	Rp 217.821.047.351	0,021515714
SMDR	Samudera Indonesia Tbk	2019	Rp 59.602.527	Rp 517.225.263	0,115235143
TAXI	Express Transindo Utama Tbk	2019	-Rp 262.972.709	Rp 479.265.331	-0,548699628
TMAS	Temas Tbk	2019	Rp 259.602	Rp 3.266.151	0,079482547
TNCA	Trimuda Nuansa Citra Tbk	2019	Rp 3.233.954.771	Rp 50.990.872.393	0,063422229
TRUK	Guna Timur Raya Tbk	2019	Rp 13.879.845.755	Rp 98.890.963.872	0,140355046
WEHA	WEHA Transportasi Indonesia Tbk	2019	Rp 13.368.068.312	Rp 269.602.629.189	0,04958434

• **Rasio Laba Sebelum Bunga & Pajak Terhadap Total Aset (X2) Springate Saat Pandemi Covid-19 (2020 - 2021)**

Emiten	Nama Perusahaan	TAHUN	Lab a Sebelum Bunga & Pajak	Total Aset	X2
AKSI	Mineral Sumberdaya Mandiri Tbk	2020	Rp 16.095.704.794	Rp 298.261.244.290	0,053965123
ASSA	Adi Sarana Armada Tbk	2020	Rp 315.903.893.899	Rp 5.170.895.098.267	0,061092691
BIRD	Blue Bird Tbk	2020	-Rp 227.036	Rp 7.253.114	-0,031301866
BLTA	Berlian Laju Tanker Tbk	2020	Rp 353.485	Rp 66.073.093	0,005349908
BPTR	Batavia Prosperindo Trans Tbk	2020	Rp 36.874.609.612	Rp 536.303.219.831	0,068757017
CMPP	AirAsia Indonesia Tbk	2020	-Rp 2.803.061.345.665	Rp 6.080.516.085.752	-0,460990697
DEAL	Dewata Freightinternational Tbk	2020	-Rp 45.767.395.014	Rp 283.270.056.415	-0,161568065
GIAA	Garuda Indonesia (Persero) Tbk	2020	-Rp 2.203.059.625	Rp 10.789.980.407	-0,204176425
HELI	Jaya Trishindo Tbk	2020	Rp 15.045.691.977	Rp 335.775.952.688	0,044808724
JAYA	Armada Berjaya Trans Tbk	2020	Rp 19.518.886.161	Rp 82.202.146.171	0,237449836
KJEN	Krida Jaringan Nusantara Tbk	2020	-Rp 1.049.839.822	Rp 73.132.687.738	-0,014355275
LRNA	Eka Sari Lorena Transport Tbk	2020	-Rp 9.459.352.817	Rp 270.508.602.770	-0,034968769
MIRA	Mitra International Resources	2020	Rp 7.359.039.218	Rp 317.031.964.534	0,023212294
NELY	Pelayaran Nelly Dwi Putri Tbk	2020	Rp 51.084.624.630	Rp 568.048.326.214	0,089930068
SAFE	Steady Safe Tbk	2020	Rp 23.910.513.276	Rp 322.122.601.640	0,07422799
SAPX	Satria Antar an Prima Tbk	2020	Rp 37.716.995.375	Rp 210.419.761.255	0,179246451
SDMU	Sidomulyo Selaras Tbk	2020	-Rp 6.078.931.793	Rp 177.182.837.855	-0,034308807
SMDR	Samudera Indonesia Tbk	2020	Rp 66.220.006	Rp 574.144.140	0,115336901
TAXI	Express Transindo Utama Tbk	2020	-Rp 92.163.945	Rp 243.302.339	-0,378804188
TMAS	Temas Tbk	2020	Rp 260.898	Rp 3.837.040	0,0679946
TNCA	Trimuda Nuansa Citra Tbk	2020	-Rp 2.556.033.849	Rp 48.076.063.779	-0,053166454
TRUK	Guna Timur Raya Tbk	2020	Rp 2.635.993.783	Rp 86.141.743.970	0,030600655
WEHA	WEHA Transportasi Indonesia Tbk	2020	-Rp 39.809.716.272	Rp 239.784.904.490	-0,166022612

Emiten	Nama Perusahaan	TAHUN	Lab a Sebelum Bunga & Pajak	Total Aset	X2
AKSI	Mineral Sumberdaya Mandiri Tbk	2021	Rp 37.129.031.634	Rp 275.990.708.661	0,134530006
ASSA	Adi Sarana Armada Tbk	2021	Rp 466.220.069.594	Rp 6.031.946.733.670	0,077291808
BIRD	Blue Bird Tbk	2021	-Rp 16.148	Rp 6.598.137	-0,002447357
BLTA	Berlian Laju Tanker Tbk	2021	Rp 7.889.179	Rp 70.328.736	0,112175754
BPTR	Batavia Prosperindo Trans Tbk	2021	Rp 54.800.828.001	Rp 816.739.145.113	0,0670971
CMPP	AirAsia Indonesia Tbk	2021	-Rp 1.668.830.728.011	Rp 5.149.094.524.206	-0,324101785
DEAL	Dewata Freightinternational Tbk	2021	-Rp 22.554.413.583	Rp 170.331.201.369	-0,132415044
GIAA	Garuda Indonesia (Persero) Tbk	2021	-Rp 3.962.167.447	Rp 7.192.745.360	-0,550856071
HELI	Jaya Trishindo Tbk	2021	Rp 19.023.398.913	Rp 301.477.751.273	0,063100507
JAYA	Armada Berjaya Trans Tbk	2021	Rp 22.334.509.524	Rp 121.943.097.733	0,183155176
KJEN	Krida Jaringan Nusantara Tbk	2021	-Rp 2.160.240.859	Rp 69.136.014.725	-0,031246245
LRNA	Eka Sari Lorena Transport Tbk	2021	-Rp 1.573.775.061	Rp 239.333.983.354	-0,006575644
MIRA	Mitra International Resources	2021	Rp 5.838.109.573	Rp 301.506.104.882	0,019363155
NELY	Pelayaran Nelly Dwi Putri Tbk	2021	Rp 54.847.781.792	Rp 552.781.459.611	0,099221457
SAFE	Steady Safe Tbk	2021	Rp 39.263.559.942	Rp 298.604.232.055	0,1314903
SAPX	Satria Antar an Prima Tbk	2021	Rp 48.972.572.115	Rp 250.767.550.139	0,195290707
SDMU	Sidomulyo Selaras Tbk	2021	Rp 18.620.714.734	Rp 169.199.466.266	0,110051853
SMDR	Samudera Indonesia Tbk	2021	Rp 189.832.769	Rp 829.181.216	0,228940026
TAXI	Express Transindo Utama Tbk	2021	-Rp 25.069.303	Rp 91.040.495	-0,275364309
TMAS	Temas Tbk	2021	Rp 1.131.906	Rp 4.051.811	0,279358045
TNCA	Trimuda Nuansa Citra Tbk	2021	Rp 1.938.847.793	Rp 52.442.481.062	0,036970939
TRUK	Guna Timur Raya Tbk	2021	Rp 5.169.911.264	Rp 76.740.944.634	0,067368356
WEHA	WEHA Transportasi Indonesia Tbk	2021	-Rp 4.374.565.548	Rp 222.474.205.879	-0,019663248

• **Laba Sebelum Pajak Terhadap Kewajiban Lancar (X3) Springate Sebelum Pandemi Covid-19 (2018-2019)**

Emiten	Nama Perusahaan	TAHUN	Laba Sebelum Pajak	Utang Lancar	X3
AKSI	Mineral Sumberdaya Mandiri Tbk	2018	Rp 35.781.546.542	Rp 65.453.742.020	0,546669227
ASSA	Adi Sarana Armada Tbk	2018	Rp 182.337.295.412	Rp 1.150.241.108.007	0,158520935
BIRD	Blue Bird Tbk	2018	Rp 606.175	Rp 614.987	0,985671242
BLTA	Berlian Laju Tanker Tbk	2018	Rp 5.625.559	Rp 12.833.718	0,438342108
BPTR	Batavia Prosperindo Trans Tbk	2018	Rp 19.264.217.360	Rp 155.864.998.470	0,123595532
CMPP	AirAsia Indonesia Tbk	2018	-Rp 1.067.069.354.297	Rp 2.806.387.704.648	-0,380228773
DEAL	Dewata Freightinternational Tbk	2018	Rp 4.823.522.944	Rp 110.328.421.284	0,043719677
GIAA	Garuda Indonesia (Persero) Tbk	2018	-Rp 286.393.449	Rp 3.061.396.001	-0,093549952
HELI	Jaya Trishindo Tbk	2018	Rp 19.881.269.788	Rp 133.865.412.438	0,148516853
JAYA	Armada Berjaya Trans Tbk	2018	Rp 1.651.582.804	Rp 13.515.498.185	0,122199181
KJEN	Krida Jaringan Nusantara Tbk	2018	Rp 474.259.803	Rp 1.188.162.924	0,399153848
LRNA	Eka Sari Lorena Transport Tbk	2018	-Rp 28.326.165.609	Rp 20.166.061.081	-1,404645433
MIRA	Mitra International Resources	2018	-Rp 440.765.071	Rp 28.024.488.205	-0,015727854
NELY	Pelayaran Nelly Dwi Putri Tbk	2018	Rp 54.940.200.015	Rp 23.526.300.566	2,335267284
SAFE	Steady Safe Tbk	2018	-Rp 22.172.674.202	Rp 210.911.344.358	-0,105127935
SAPX	Satria Antarana Prima Tbk	2018	-Rp 32.090.466.429	Rp 19.559.153.698	-1,640687881
SDMU	Sidomulyo Selaras Tbk	2018	-Rp 26.910.059.711	Rp 84.374.199.166	-0,318937068
SMDR	Samudera Indonesia Tbk	2018	Rp 12.593.132	Rp 201.448.507	0,062512908
TAXI	Express Transindo Utama Tbk	2018	-Rp 872.192.278	Rp 1.603.238.372	-0,544019089
TMAS	Temas Tbk	2018	Rp 4.048	Rp 956.341	0,0042328
TNCA	Trimuda Nuansa Citra Tbk	2018	Rp 3.535.135.952	Rp 3.816.016.104	0,926394401
TRUK	Guna Timur Raya Tbk	2018	Rp 2.092.062.667	Rp 10.368.246.046	0,201775947
WEHA	WEHA Transportasi Indonesia Tbk	2018	Rp 4.852.956.130	Rp 56.398.943.588	0,086046933

Emiten	Nama Perusahaan	TAHUN	Laba Sebelum Pajak	Utang Lancar	X3
AKSI	Mineral Sumberdaya Mandiri Tbk	2019	Rp 15.565.079.038	Rp 99.631.561.298	0,156226389
ASSA	Adi Sarana Armada Tbk	2019	Rp 117.377.160.073	Rp 1.240.237.695.433	0,094640858
BIRD	Blue Bird Tbk	2019	Rp 413.962	Rp 753.515	0,549374598
BLTA	Berlian Laju Tanker Tbk	2019	Rp 61.628	Rp 9.568.042	0,006441025
BPTR	Batavia Prosperindo Trans Tbk	2019	Rp 12.460.341.391	Rp 165.747.918.407	0,075176458
CMPP	AirAsia Indonesia Tbk	2019	-Rp 61.806.971.146	Rp 2.007.253.622.193	-0,030791809
DEAL	Dewata Freightinternational Tbk	2019	Rp 721.971.451	Rp 110.399.868.528	0,006539604
GIAA	Garuda Indonesia (Persero) Tbk	2019	Rp 52.260.433	Rp 3.257.836.267	0,016041455
HELI	Jaya Trishindo Tbk	2019	Rp 28.422.572.153	Rp 49.378.265.088	0,575608967
JAYA	Armada Berjaya Trans Tbk	2019	Rp 2.788.760.187	Rp 18.670.103.563	0,149370365
KJEN	Krida Jaringan Nusantara Tbk	2019	Rp 550.644.393	Rp 1.222.391.000	0,450465026
LRNA	Eka Sari Lorena Transport Tbk	2019	-Rp 6.481.690.867	Rp 16.654.963.274	-0,389174732
MIRA	Mitra International Resources	2019	-Rp 2.484.852.382	Rp 50.490.247.279	-0,049214502
NELY	Pelayaran Nelly Dwi Putri Tbk	2019	Rp 53.967.226.757	Rp 23.179.545.509	2,328226269
SAFE	Steady Safe Tbk	2019	Rp 12.303.410.257	Rp 190.967.041.916	0,064426878
SAPX	Satria Antarana Prima Tbk	2019	Rp 39.913.636.058	Rp 31.755.734.984	1,256895363
SDMU	Sidomulyo Selaras Tbk	2019	-Rp 37.504.702.699	Rp 111.678.713.109	-0,335826781
SMDR	Samudera Indonesia Tbk	2019	-Rp 55.055.359	Rp 176.004.127	-0,312807205
TAXI	Express Transindo Utama Tbk	2019	-Rp 204.508.321	Rp 720.977.430	-0,283654262
TMAS	Temas Tbk	2019	Rp 168.421	Rp 982.055	0,171498541
TNCA	Trimuda Nuansa Citra Tbk	2019	Rp 3.477.210.136	Rp 4.064.900.863	0,855423109
TRUK	Guna Timur Raya Tbk	2019	Rp 2.514.800.477	Rp 14.420.323.854	0,174392788
WEHA	WEHA Transportasi Indonesia Tbk	2019	Rp 6.505.276.816	Rp 39.953.268.587	0,162822143

• **Laba Sebelum Pajak Terhadap Kewajiban Lancar (X3) Springate Saat Pandemi Covid-19 (2020-2021)**

Emiten	Nama Perusahaan	TAHUN	Laba Sebelum Pajak	Utang Lancar	X3
AKSI	Mineral Sumberdaya Mandiri Tbk	2020	Rp 6.342.659.779	114.959.432.645	0,055173026
ASSA	Adi Sarana Armada Tbk	2020	Rp 68.495.021.017	Rp 1.436.932.364.028	0,047667533
BIRD	Blue Bird Tbk	2020	-Rp 290.498	Rp 639.864	-0,4539996
BLTA	Berlian Laju Tanker Tbk	2020	-Rp 626.772	Rp 12.633.148	-0,049613287
BPTR	Batavia Prosperindo Trans Tbk	2020	Rp 6.247.416.953	Rp 150.765.896.036	0,041437866
CMPP	AirAsia Indonesia Tbk	2020	-Rp 3.069.607.805.197	Rp 4.957.130.972.939	-0,619230725
DEAL	Dewata Freightinternational Tbk	2020	-Rp 61.865.196.191	Rp 152.334.287.682	-0,406114717
GIAA	Garuda Indonesia (Persero) Tbk	2020	-Rp 2.592.583.535	Rp 4.294.797.755	-0,603656722
HELI	Jaya Trishindo Tbk	2020	Rp 8.556.281.145	Rp 133.722.885.753	0,063985167
JAYA	Armada Berjaya Trans Tbk	2020	Rp 4.276.513.673	Rp 11.810.512.910	0,362093815
KJEN	Krida Jaringan Nusantara Tbk	2020	-Rp 1.999.025.470	Rp 4.739.828.485	-0,421750592
LRNA	Eka Sari Lorena Transport Tbk	2020	-Rp 38.756.386.237	Rp 24.273.678.406	-1,596642486
MIRA	Mitra International Resources	2020	Rp 19.001.205.729	Rp 47.140.889.442	0,403072703
NELY	Pelayaran Nelly Dwi Putri Tbk	2020	Rp 45.285.427.707	Rp 21.765.155.172	2,080638863
SAFE	Steady Safe Tbk	2020	-Rp 15.950.611.459	Rp 187.447.337.834	-0,085093828
SAPX	Satria Antarana Prima Tbk	2020	Rp 40.812.297.756	Rp 58.399.139.946	0,698851007
SDMU	Sidomulyo Selaras Tbk	2020	-Rp 44.240.864.352	Rp 141.011.386.027	-0,31373966
SMDR	Samudera Indonesia Tbk	2020	Rp 340.633	Rp 192.089.546	0,001773303
TAXI	Express Transindo Utama Tbk	2020	-Rp 73.000.559	Rp 582.958.840	-0,125224208
TMAS	Temas Tbk	2020	Rp 68.903	Rp 902.798	0,076321613
TNCA	Trimuda Nuansa Citra Tbk	2020	-Rp 2.036.742.570	Rp 4.521.806.377	-0,450426754
TRUK	Guna Timur Raya Tbk	2020	-Rp 8.913.969.494	Rp 16.591.014.668	-0,537276934
WEHA	WEHA Transportasi Indonesia Tbk	2020	-Rp 43.981.201.153	Rp 30.824.345.288	-1,426833263

Emiten	Nama Perusahaan	TAHUN	Laba Sebelum Pajak	Utang Lancar	X3
AKSI	Mineral Sumberdaya Mandiri Tbk	2021	Rp 33.356.183.267	Rp 83.977.625.835	0,397203219
ASSA	Adi Sarana Armada Tbk	2021	Rp 223.127.584.945	Rp 627.688.164.688	0,355475214
BIRD	Blue Bird Tbk	2021	Rp 25.654	Rp 565.041	0,045402015
BLTA	Berlian Laju Tanker Tbk	2021	Rp 6.123.145	Rp 10.709.803	0,571732739
BPTR	Batavia Prosperindo Trans Tbk	2021	Rp 17.152.920.335	Rp 159.848.739.818	0,107307198
CMPP	AirAsia Indonesia Tbk	2021	-Rp 1.931.320.737.798	Rp 6.601.734.213.455	-0,292547485
DEAL	Dewata Freightinternational Tbk	2021	-Rp 31.136.111.147	Rp 129.569.093.377	-0,240305078
GIAA	Garuda Indonesia (Persero) Tbk	2021	-Rp 4.532.553.816	Rp 5.771.313.185	-0,785359184
HELI	Jaya Trishindo Tbk	2021	Rp 4.980.369.621	Rp 104.231.114.388	0,047781986
JAYA	Armada Berjaya Trans Tbk	2021	Rp 6.258.288.621	Rp 6.974.418.958	0,89732043
KJEN	Krida Jaringan Nusantara Tbk	2021	-Rp 2.303.277.525	Rp 2.688.790.395	-0,856622193
LRNA	Eka Sari Lorena Transport Tbk	2021	-Rp 23.263.547.027	Rp 19.204.829.670	-1,211338368
MIRA	Mitra International Resources	2021	Rp 14.271.450.785	Rp 49.557.803.766	0,287975852
NELY	Pelayaran Nelly Dwi Putri Tbk	2021	Rp 53.154.884.121	Rp 25.913.588.162	2,051235969
SAFE	Steady Safe Tbk	2021	Rp 1.630.858.545	Rp 323.987.512.785	0,005033708
SAPX	Satria Antarana Prima Tbk	2021	Rp 53.103.820.899	Rp 61.866.044.671	0,858367804
SDMU	Sidomulyo Selaras Tbk	2021	-Rp 10.532.066.920	Rp 156.558.710.680	-0,067272315
SMDR	Samudera Indonesia Tbk	2021	Rp 142.386.132	Rp 296.637.740	0,480000057
TAXI	Express Transindo Utama Tbk	2021	Rp 180.179.087	Rp 11.342.151	15,88579512
TMAS	Temas Tbk	2021	Rp 995.325	Rp 997.061	0,998258883
TNCA	Trimuda Nuansa Citra Tbk	2021	Rp 2.753.473.321	Rp 7.129.662.654	0,386199664
TRUK	Guna Timur Raya Tbk	2021	-Rp 4.247.589.186	Rp 11.305.872.300	-0,375697609
WEHA	WEHA Transportasi Indonesia Tbk	2021	-Rp 10.330.085.726	Rp 29.778.574.564	-0,346896582

• **Rasio Penjualan Terhadap Total Aset (X4) Springate Sebelum Pandemi Covid-19 (2018-2019)**

Emiten	Nama Perusahaan	TAHUN	Penjualan	Total Aset	X4
AKSI	Mineral Sumberdaya Mandiri Tbk	2018	Rp 319.106.290.160	Rp 275.005.973.287	1,160361305
ASSA	Adi Sarana Armada Tbk	2018	Rp 1.862.945.638.339	Rp 4.062.536.132.739	0,458567155
BIRD	Blue Bird Tbk	2018	Rp 4.218.702	Rp 6.955.157	0,606557408
BLTA	Berlian Laju Tanker Tbk	2018	Rp 24.934.905	Rp 71.348.533	0,349480276
BPTR	Batavia Prosperindo Trans Tbk	2018	Rp 132.167.476.386	Rp 548.878.317.131	0,240795587
CMPP	AirAsia Indonesia Tbk	2018	Rp 4.232.768.047.707	Rp 2.845.045.212.353	1,487768289
DEAL	Dewata FreightInternational Tbk	2018	Rp 236.184.959.298	Rp 250.166.940.746	0,944109396
GIAA	Garuda Indonesia (Persero) Tbk	2018	Rp 4.330.441.061	Rp 4.155.474.803	1,042104998
HELI	Jaya Trishindo Tbk	2018	Rp 279.266.205.363	Rp 264.566.083.938	1,055563136
JAYA	Armada Berjaya Trans Tbk	2018	Rp 30.770.320.009	Rp 52.075.344.303	0,590880779
KJEN	Krida Jaringan Nusantara Tbk	2018	Rp 6.473.847.833	Rp 39.342.424.864	0,164551317
LRNA	Eka Sari Lorena Transport Tbk	2018	Rp 102.242.420.595	Rp 312.059.443.277	0,327637643
MIRA	Mitra International Resources	2018	Rp 128.781.272.003	Rp 320.777.602.224	0,40146591
NELY	Pelayaran Nelly Dwi Putri Tbk	2018	Rp 236.020.877.647	Rp 474.345.474.753	0,497571686
SAFE	Steady Safe Tbk	2018	Rp 80.713.350.908	Rp 347.841.814.370	0,232040392
SAPX	Satria Antarana Prima Tbk	2018	Rp 229.821.404.369	Rp 97.553.402.678	2,355852262
SDMU	Sidomulyo Selaras Tbk	2018	Rp 102.990.754.237	Rp 255.711.905.396	0,402760889
SMDR	Samudera Indonesia Tbk	2018	Rp 482.446.122	Rp 599.790.746	0,804357395
TAXI	Express Transindo Utama Tbk	2018	Rp 241.663.924	Rp 1.269.024.960	0,190432759
TMAS	Temas Tbk	2018	Rp 2.320.005	Rp 2.837.426	0,817644231
TNCA	Trimuda Nuansa Citra Tbk	2018	Rp 63.362.413.566	Rp 46.878.125.128	1,351641376
TRUK	Guna Timur Raya Tbk	2018	Rp 38.470.982.236	Rp 94.392.166.037	0,407565414
WEHA	WEHA Transportasi Indonesia Tbk	2018	Rp 159.846.792.883	Rp 331.404.130.533	0,482331927

Emiten	Nama Perusahaan	TAHUN	Penjualan	Total Aset	X4
AKSI	Mineral Sumberdaya Mandiri Tbk	2019	Rp 474.271.493.696	Rp 285.177.567.739	1,663074335
ASSA	Adi Sarana Armada Tbk	2019	Rp 2.329.565.792.542	Rp 4.849.223.630.042	0,480399744
BIRD	Blue Bird Tbk	2019	Rp 4.047.691	Rp 7.424.304	0,545194674
BLTA	Berlian Laju Tanker Tbk	2019	Rp 20.051.894	Rp 67.412.629	0,297450111
BPTR	Batavia Prosperindo Trans Tbk	2019	Rp 162.596.163.771	Rp 536.133.980.207	0,303275244
CMPP	AirAsia Indonesia Tbk	2019	Rp 6.708.800.607.590	Rp 2.613.070.074.932	2,567401721
DEAL	Dewata FreightInternational Tbk	2019	Rp 144.400.863.183	Rp 275.487.784.551	0,524164305
GIAA	Garuda Indonesia (Persero) Tbk	2019	Rp 4.572.638.083	Rp 4.455.675.774	1,026250184
HELI	Jaya Trishindo Tbk	2019	Rp 318.024.503.004	Rp 193.198.983.272	1,646098223
JAYA	Armada Berjaya Trans Tbk	2019	Rp 63.419.433.727	Rp 92.504.089.394	0,68558519
KJEN	Krida Jaringan Nusantara Tbk	2019	Rp 12.615.551.557	Rp 67.668.621.418	0,186431337
LRNA	Eka Sari Lorena Transport Tbk	2019	Rp 124.579.469.969	Rp 302.636.796.677	0,411646803
MIRA	Mitra International Resources	2019	Rp 131.033.025.029	Rp 351.483.053.912	0,372800406
NELY	Pelayaran Nelly Dwi Putri Tbk	2019	Rp 250.170.826.551	Rp 527.467.886.738	0,474286365
SAFE	Steady Safe Tbk	2019	Rp 180.073.555.181	Rp 357.452.208.844	0,503769597
SAPX	Satria Antarana Prima Tbk	2019	Rp 394.765.940.589	Rp 157.166.234.017	2,511773238
SDMU	Sidomulyo Selaras Tbk	2019	Rp 106.273.588.474	Rp 217.821.047.351	0,487894029
SMDR	Samudera Indonesia Tbk	2019	Rp 438.865.360	Rp 517.225.263	0,848499467
TAXI	Express Transindo Utama Tbk	2019	Rp 134.251.103	Rp 479.265.331	0,280118536
TMAS	Temas Tbk	2019	Rp 2.512.269	Rp 3.266.151	0,76918336
TNCA	Trimuda Nuansa Citra Tbk	2019	Rp 75.622.705.756	Rp 50.990.872.393	1,48306358
TRUK	Guna Timur Raya Tbk	2019	Rp 49.805.015.656	Rp 98.890.963.872	0,503635658
WEHA	WEHA Transportasi Indonesia Tbk	2019	Rp 146.173.217.700	Rp 269.602.629.189	0,542180238

• **Rasio Penjualan Terhadap Total Aset (X4) Springate Saat Pandemi Covid-19 (2020 -2021)**

Emiten	Nama Perusahaan	TAHUN	Penjualan	Total Aset	X4
AKSI	Mineral Sumberdaya Mandiri Tbk	2020	Rp 521.617.491.481	Rp 298.261.244.290	1,748861112
ASSA	Adi Sarana Armada Tbk	2020	Rp 3.037.359.367.967	Rp 5.170.895.098.267	0,587395279
BIRD	Blue Bird Tbk	2020	Rp 2.046.660	Rp 7.253.114	0,282176731
BLTA	Berlian Laju Tanker Tbk	2020	Rp 18.364.836	Rp 66.073.093	0,277947273
BPTR	Batavia Prosperindo Trans Tbk	2020	Rp 162.257.365.449	Rp 536.303.219.831	0,302547811
CMPP	AirAsia Indonesia Tbk	2020	Rp 1.610.973.387.045	Rp 6.080.516.085.752	0,264940239
DEAL	Dewata FreightInternational Tbk	2020	Rp 71.141.862.149	Rp 283.270.056.415	0,251145014
GIAA	Garuda Indonesia (Persero) Tbk	2020	Rp 1.492.331.099	Rp 10.789.980.407	0,138307119
HELI	Jaya Trishindo Tbk	2020	Rp 143.838.437.841	Rp 335.775.952.688	0,428376233
JAYA	Armada Berjaya Trans Tbk	2020	Rp 65.475.480.450	Rp 82.202.146.171	0,796517895
KJEN	Krida Jaringan Nusantara Tbk	2020	Rp 13.158.116.600	Rp 73.132.687.738	0,179921141
LRNA	Eka Sari Lorena Transport Tbk	2020	Rp 65.046.772.361	Rp 270.508.602.770	0,240461012
MIRA	Mitra International Resources	2020	Rp 86.959.391.390	Rp 317.031.964.534	0,274292189
NELY	Pelayaran Nelly Dwi Putri Tbk	2020	Rp 230.662.117.776	Rp 568.048.326.214	0,40606073
SAFE	Steady Safe Tbk	2020	Rp 143.961.352.119	Rp 322.122.601.640	0,446914781
SAPX	Satria Antaran Prima Tbk	2020	Rp 451.599.889.844	Rp 210.419.761.255	2,146185734
SDMU	Sidomulyo Selaras Tbk	2020	Rp 89.009.501.417	Rp 177.182.837.855	0,502359611
SMDR	Samudera Indonesia Tbk	2020	Rp 490.839.680	Rp 574.144.140	0,854906714
TAXI	Express Transindo Utama Tbk	2020	Rp 21.541.634	Rp 243.302.339	0,088538541
TMAS	Temas Tbk	2020	Rp 2.669.618	Rp 3.837.040	0,695749328
TNCA	Trimuda Nuansa Citra Tbk	2020	Rp 68.821.011.923	Rp 48.076.063.779	1,431502634
TRUK	Guna Timur Raya Tbk	2020	Rp 42.839.805.962	Rp 86.141.743.970	0,497317607
WEHA	WEHA Transportasi Indonesia Tbk	2020	Rp 70.513.990.516	Rp 239.784.904.490	0,29407185

Emiten	Nama Perusahaan	TAHUN	Penjualan	Total Aset	X4
AKSI	Mineral Sumberdaya Mandiri Tbk	2021	Rp 479.636.030.718	Rp 275.990.708.661	1,73787021
ASSA	Adi Sarana Armada Tbk	2021	Rp 5.088.094.179.374	Rp 6.031.946.733.670	0,843524388
BIRD	Blue Bird Tbk	2021	Rp 2.220.841	Rp 6.598.137	0,33658607
BLTA	Berlian Laju Tanker Tbk	2021	Rp 19.666.677	Rp 70.328.736	0,279639279
BPTR	Batavia Prosperindo Trans Tbk	2021	Rp 212.042.439.331	Rp 816.739.145.113	0,259620762
CMPP	AirAsia Indonesia Tbk	2021	Rp 626.001.737.959	Rp 5.149.094.524.206	0,121575111
DEAL	Dewata FreightInternational Tbk	2021	Rp 86.034.518.419	Rp 170.331.201.369	0,505101342
GIAA	Garuda Indonesia (Persero) Tbk	2021	Rp 1.336.678.470	Rp 7.192.745.360	0,185837035
HELI	Jaya Trishindo Tbk	2021	Rp 63.398.642.323	Rp 301.477.751.273	0,210292939
JAYA	Armada Berjaya Trans Tbk	2021	Rp 72.427.580.175	Rp 121.943.097.733	0,593945713
KJEN	Krida Jaringan Nusantara Tbk	2021	Rp 8.447.187.923	Rp 69.136.014.725	0,122182164
LRNA	Eka Sari Lorena Transport Tbk	2021	Rp 70.200.908.124	Rp 239.333.983.354	0,293317761
MIRA	Mitra International Resources	2021	Rp 85.604.008.684	Rp 301.506.104.882	0,283921311
NELY	Pelayaran Nelly Dwi Putri Tbk	2021	Rp 199.312.722.588	Rp 552.781.459.611	0,360563328
SAFE	Steady Safe Tbk	2021	Rp 161.057.570.000	Rp 298.604.232.055	0,539368009
SAPX	Satria Antaran Prima Tbk	2021	Rp 589.409.749.578	Rp 250.767.550.139	2,350422729
SDMU	Sidomulyo Selaras Tbk	2021	Rp 82.622.335.649	Rp 169.199.466.266	0,488313217
SMDR	Samudera Indonesia Tbk	2021	Rp 672.918.136	Rp 829.181.216	0,811545321
TAXI	Express Transindo Utama Tbk	2021	Rp 7.263.061	Rp 91.040.495	0,079778356
TMAS	Temas Tbk	2021	Rp 3.370.324	Rp 4.051.811	0,831806814
TNCA	Trimuda Nuansa Citra Tbk	2021	Rp 76.363.244.394	Rp 52.442.481.062	1,456133326
TRUK	Guna Timur Raya Tbk	2021	Rp 39.606.222.648	Rp 76.740.944.634	0,516102881
WEHA	WEHA Transportasi Indonesia Tbk	2021	Rp 93.434.910.443	Rp 222.474.205.879	0,41998087

Lampiran 3 Hasil Uji Normalitas

- Uji Normalitas Data Z-Score

Tests of Normality						
	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
ZSCORE_BEFORE	.239	46	.000	.751	46	.000
ZSCORE_AFTER	.225	46	.000	.745	46	.000
a. Lilliefors Significance Correction						

- Uji Normalitas Data Springate

Tests of Normality						
	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
SSCORE_BEFORE	.174	46	.001	.906	46	.001
SSCORE_AFTER	.151	46	.011	.765	46	.000
a. Lilliefors Significance Correction						

Lampiran 4 Hasil Uji Beda *Wilcoxon Signed Ranks Test*

- Uji Beda Alman Z-score Sebelum dan Saat Pandemi Covid-19

Test Statistics ^a	
	ZSCORE_AFTER - ZSCORE_BEFORE
Z	-3.141 ^b
Asymp. Sig. (2-tailed)	.002
a. Wilcoxon Signed Ranks Test	
b. Based on positive ranks.	

Ranks				
		N	Mean Rank	Sum of Ranks
ZSCORE_AFTER - ZSCORE_BEFORE	Negative Ranks	32 ^a	25.88	828.00
	Positive Ranks	14 ^b	18.07	253.00
	Ties	0 ^c		
	Total	46		
a. ZSCORE_AFTER < ZSCORE_BEFORE				
b. ZSCORE_AFTER > ZSCORE_BEFORE				
c. ZSCORE_AFTER = ZSCORE_BEFORE				

- Uji Beda Springate Sebelum dan Saat Pandemi Covid-19

Test Statistics ^a	
	SSCORE_AFTER - SSCORE_BEFORE
Z	-2.923 ^b
Asymp. Sig. (2-tailed)	.003
a. Wilcoxon Signed Ranks Test	
b. Based on positive ranks.	

Ranks				
		N	Mean Rank	Sum of Ranks
SSCORE_AFTER - SSCORE_BEFORE	Negative Ranks	32 ^a	25.25	808.00
	Positive Ranks	14 ^b	19.50	273.00
	Ties	0 ^c		
	Total	46		
a. SSCORE_AFTER < SSCORE_BEFORE				
b. SSCORE_AFTER > SSCORE_BEFORE				
c. SSCORE_AFTER = SSCORE_BEFORE				

