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LAMPIRAN



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Riwayat Pendidikan**Pendidikan Formal**

- a. Tahun 2007-2008 : TK. Aisyiyah Bustanul Athfal (ABA) 3 Balikpapan
- b. Tahun 2008-2014 : SD Negeri 009 Balikpapan
- c. Tahun 2014-2017 : SMP Islam Terpadu Al-Auliya Balikpapan
- d. Tahun 2017-2020 : SMA Islam Athirah 1 Makassar

Pendidikan Non-Formal

- a. Pelatihan Basic Character Learning Skills, Characters, and Creativity (BALANCE) Universitas Hasanuddin (2020)
- b. Bina Kader Mahasiswa Akuntansi (BKMA) oleh Ikatan Mahasiswa Akuntansi Fakultas Ekonomi dan Bisnis Universitas Hasanuddin (2021)

Demikian biodata ini dibuat dengan sebenarnya.

Makassar, 03 Mei 2024

Monalisa



Lampiran 2 Daftar Populasi

No	Kode Perusahaan	Nama Perusahaan
1	ADCP	Adhi Commuter Properti Tbk
2	AMAN	Makmur Berkah Amanda Tbk.
3	APLN	Agung Podomoro Land Tbk.
4	ARMY	Armidian Karyatama Tbk.
5	ASPI	Andalan Sakti Primaindo Tbk.
6	ASRI	Alam Sutera Realty Tbk.
7	ATAP	Trimitra Prawara Goldland Tbk.
8	BAPA	Bekasi Asri Pemula Tbk.
9	BAPI	Bhakti Agung Propertindo Tbk
10	BBSS	Bumi Benowo Sukses Sejahtera Tbk
11	BCIP	Bumi Citra Permai Tbk
12	BEST	Bekasi Fajar Industrial Estate Tbk.
13	BIKA	Binakarya Fajar Industrial Estate Tbk.
14	BIPP	Bhuwanatala Indah Permai Tbk.
15	BKDP	Bukit Darmo Property Tbk.
16	BKSL	Sentul City Tbk.
17	BSBK	Wulandari Bangun Laksana Tbk
18	BSDE	Bumi Serpong Damai Tbk.
19	CITY	Natura City Developments Tbk.
20	COWL	Cowell Development Tbk
21	CPRI	Capri Nusa Satu Properti
22	CSIS	Cahayasakti Investindo Sukses Tbk.
23	CTRA	Ciputra Development Tbk.
24	DADA	Diamond Citra Propertindo
25	DART	Duta Anggada Realty Tbk.
26	DILD	Intiland Development Tbk.
27	DMAS	Puradelta Lestari Tbk.
28	DUTI	Duta Pertiwi Tbk.
29	ELTY	Bakrieland Development Tbk.
30	EMDE	Megapolitan Developments Tbk.
31	FMII	Fortune Mate Indonesia Tbk.
32	FORZ	Forza Land Indonesia
33	GAMA	Aksara Global Development
34	GMTD	Gowa Makassar Tourism Development
35	GPRA	Perdana Gapuraprima Tbk
36	GWSA	Greenwood Sejahtera Tbk.
37	HOMI	Grand House Mulia Tbk.
38	INDO	Royalindo Investa Wijaya Tbk
39	INPP	Indonesian Paradise Property Tbk.
40	IPAC	Era Graharealty Tbk.
	JRPT	Jaya Real Property Tbk.
	KBAG	Karya Bersama Anugerah Tbk.
	KIJA	Kawasan Industri Jababeka
	KOTA	DMS Propertindo Tbk.



45	LAND	Trimitra Propertindo Tbk.
46	LCGP	Eureka Prima Jakarta Tbk.
47	LPCK	Lippo Cikarang Tbk.
48	LPKR	Lippo Karawaci Tbk.
49	LPLI	Star Pacific Tbk.
50	MDLN	Modernland Realty Tbk.
51	MKPI	Metropolitan Kentjana Tbk.
52	MMLP	Mega Manunggal Property Tbk.
53	MPRO	Maha Properti Indonesia Tbk.
54	MTLA	Metropolitan Land Tbk.
55	MTSM	Metro Realty Tbk.
56	MYRX	Hanson International Tbk.
57	MYRXP	Hanson International (Seri B) Tbk.
58	NIRO	City Retail Developments Tbk.
59	NZIA	Nusantara Almazia Tbk.
60	OMRE	Indonesia Prima Property Tbk.
61	PAMG	Bima Sakti Pertiwi Tbk.
62	PLIN	Plaza Indonesia Realty Tbk.
63	POLI	Pollux Hotels Group Tbk.
64	POLL	Pollux Properties Indonesia Tbk.
65	POSA	Bliss Properti Indonesia Tbk.
66	PPRO	PP Properti Tbk
67	PUDP	Pudjadi Prestige Tbk.
68	PURI	Puri Global Sukses Tbk.
69	PWON	Pakuwon Jati Tbk.
70	RBMS	Ristia Bintang Mahkotasejati Tbk.
71	RDTX	Roda Vivatex Tbk.
72	REAL	Repower Asia Indonesia Tbk.
73	RIMO	Rimo International Lestari Tbk.
74	RISE	Jaya Sukses Makmur Sentosa Tbk.
75	ROCK	Rockfields Properti Indonesia Tbk.
76	RODA	Pikko Land Development Tbk.
77	SATU	Kota Satu Properti Tbk.
78	SMDM	Suryamas Dutamakmur Tbk.
79	SMRA	Summarecon Agung Tbk.
80	SWID	Saraswanti Indoland Development Tbk.
81	TARA	Agung Semesta Sejahtera Tbk.
82	TRIN	Perintis Trinita Properti Tbk
83	TRUE	Trinita Dinamik Tbk
84	URBN	Urban Jakarta Propertindo Tbk.
85	WINR	Winner Nusantara Jaya Tbk

Sumber Data : www.idx.co.id



Lampiran 3 Daftar Sampel

No	Kode Perusahaan	Nama Perusahaan
1	APLN	Agung Podomoro Land Tbk.
2	ASRI	Alam Sutera Realty Tbk.
3	BAPA	Bekasi Asri Pemula Tbk.
4	BCIP	Bumi Citra Permai Tbk [S]
5	BEST	Bekasi Fajar Industrial Estate Tbk.
6	BIPP	Bhuwanatala Indah Permai Tbk.
7	BKSL	Sentul City Tbk.
8	BSDE	Bumi Serpong Damai Tbk.
9	CTRA	Ciputra Development Tbk.
10	DART	Duta Anggada Realty Tbk.
11	DILD	Intiland Development Tbk.
12	DMAS	Puradelta Lestari Tbk.
13	DUTI	Duta Pertiwi Tbk.
14	ELTY	Bakrieland Development Tbk.
15	GMTD	Gowa Makassar Tourism Development
16	GPRA	Perdana Gapuraprima Tbk
17	GWSA	Greenwood Sejahtera Tbk.
18	JRPT	Jaya Real Property Tbk.
19	MMLP	Mega Manunggal Property Tbk.
20	MTLA	Metropolitan Land Tbk.
21	NIRO	City Retail Developments Tbk.
22	OMRE	Indonesia Prima Property Tbk.
23	PLIN	Plaza Indonesia Realty Tbk.
24	PWON	Pakuwon Jati Tbk.
25	SMDM	Suryamas Dutamakmur Tbk.
26	SMRA	Summarecon Agung Tbk.

Sumber Data : www.idx.co.id

Lampiran 4 Data Variabel Perusahaan

Data Leverage

No	Kode	Tahun	Total Liabilitas	Total Ekuitas	DER
1	APLN	2018	17.454.997.921	12.128.831.983	1,439132634
		2019	16.624.399.470	12.835.945.610	1,295144119
		2020	19.036.134.922	11.355.225.034	1,676420755
		2021	19.071.333.513	10.539.777.680	1,809462599
		2022	16.148.220.661	12.469.561.080	1,295011152
	SRI	2018	11.339.568.456	9.551.357.108	1,187220656



		2019	11.332.052.391	10.562.219.614	1,072885511
		2020	11.840.666.961	9.386.147.910	1,261504408
		2021	12.397.883.478	9.536.091.236	1,300101181
		2022	11.656.300.706	10.642.624.565	1,09524682
3	BAPA	2018	34.487.927.413	131.825.465.316	0,261618097
		2019	7.526.048.776	135.610.387.941	0,055497583
		2020	8.098.923.359	134.207.847.670	0,060346124
		2021	7.171.085.839	132.399.912.496	0,054162316
		2022	6.589.092.293	128.844.921.195	0,051139713
4	BCIP	2018	439.430.278.694	410.369.422.399	1,07081633
		2019	433.530.491.804	433.534.933.647	0,999989754
		2020	462.672.453.925	446.592.008.738	1,036007015
		2021	440.374.923.594	446.698.141.802	0,985844539
		2022	420.288.826.352	463.745.686.769	0,906291613
5	BEST	2018	2.118.132.306.800	4.171.994.244.591	0,507702596
		2019	1.930.728.238.615	4.468.749.285.275	0,432051143
		2020	1.925.523.126.081	4.356.657.103.651	0,441972613
		2021	1.752.315.039.995	4.293.897.345.417	0,408094302
		2022	1.749.964.841.755	4.328.504.067.271	0,404288598
6	BIPP	2018	932.018.121.876	1.131.229.161.026	0,8238986
		2019	1.048.342.846.364	1.116.688.986.722	0,938795725
		2020	919.581.439.010	1.206.943.891.304	0,761909021
		2021	942.012.364.746	2.045.283.188.218	0,460577963
		2022	806.384.409.413	1.888.336.506.757	0,427034274
7	BKSL	2018	5.631.606.614.993	10.621.125.569.214	0,530226912
		2019	6.578.349.800.074	10.696.922.809.139	0,614975906
		2020	8.121.131.006.426	10.250.098.967.395	0,792297814
		2021	6.168.939.794.466	10.486.049.543.695	0,588299699
		2022	6.398.549.423.657	10.323.210.840.150	0,619821635
8	BSDE	2018	21.832.718.504.136	30.358.001.503.919	0,719175091
		2019	20.915.564.099.313	33.625.414.298.651	0,622016547
		2020	26.391.824.110.926	34.471.102.475.824	0,765621701
		2021	25.575.995.151.814	35.893.717.013.842	0,712547969
		2022	26.953.967.352.972	38.045.436.127.815	0,708467824
9	CTRA	2018	17.644.741	16.644.276	1,060108652
		2019	18.434.456	17.761.568	1,037884493
		2020	21.797.659	17.457.528	1,248610857
		2021	21.274.214	19.394.197	1,096937089
		2022	20.989.450	20.912.932	1,003658884
10	DART	2018	3.329.371.379	3.575.915.015	0,931054392
		2019	3.565.822.980	3.315.128.311	1,075621408
		2020	3.742.012.201	2.914.108.781	1,284101755
		2021	4.100.747.128	2.503.287.462	1,638144716



		2022	4.380.333.825	2.082.346.272	2,103556879
11	DILD	2018	7.669.882.620.129	6.515.652.571.077	1,177147268
		2019	7.542.625.380.504	7.234.870.912.135	1,042537659
		2020	9.632.497.842.455	6.067.101.033.883	1,587660695
		2021	10.412.628.100.009	6.047.376.727.618	1,721842142
		2022	10.136.195.422.586	6.215.652.955.420	1,630753116
12	DMAS	2018	311.529.808.844	7.188.503.626.528	0,043337226
		2019	1.121.231.243.313	6.495.739.786.307	0,172610246
		2020	1.224.176.089.310	5.528.057.150.794	0,221447799
		2021	762.768.422.674	5.351.173.180.680	0,142542279
		2022	898.765.268.060	5.724.648.921.085	0,156999194
13	DUTI	2018	3.227.976.940.583	9.414.918.798.240	0,342857651
		2019	3.197.457.277.140	10.590.770.182.820	0,301909797
		2020	3.423.402.804.653	10.330.221.934.232	0,33139683
		2021	4.347.434.120.813	10.961.489.326.966	0,396609803
		2022	4.659.937.738.573	10.926.240.355.388	0,426490502
14	ELTY	2018	3.946.607.867.564	9.659.572.138.674	0,408569635
		2019	3.519.571.183.711	8.809.949.174.017	0,399499601
		2020	3.387.644.000.000	8.435.792.000.000	0,40157984
		2021	3.533.568.000.000	8.147.635.000.000	0,433692476
		2022	2.671.612.000.000	7.241.847.000.000	0,368913069
15	GMTD	2018	488.790.826.773	764.071.329.249	0,639718843
		2019	417.348.795.064	690.169.339.803	0,604704919
		2020	402.384.335.106	584.938.806.990	0,687908428
		2021	515.861.813.615	557.072.823.084	0,926022222
		2022	594.503.930.604	566.436.554.528	1,049550785
16	GPRA	2018	454.440.028.598	1.082.013.561.820	0,419994762
		2019	573.167.523.724	1.132.751.463.041	0,505995836
		2020	674.113.858.270	1.053.247.818.677	0,640033472
		2021	654.638.555.294	1.105.912.907.155	0,591944041
		2022	602.857.333.624	1.178.498.310.599	0,511547049
17	GWSA	2018	597.490.070.576	6.893.543.754.696	0,086673864
		2019	580.184.785.916	7.021.458.034.787	0,082630243
		2020	575.037.098.734	6.968.422.353.653	0,082520414
		2021	563.139.596.371	6.995.247.665.958	0,080503168
		2022	761.793.933.285	7.026.611.603.241	0,108415546
18	JRPT	2018	3.847.899.580.000	6.693.348.687.000	0,574884077
		2019	3.762.437.184.000	7.402.497.916.000	0,508265889
		2020	3.606.436.882.000	7.875.084.383.000	0,457955332
		2021	3.594.354.650.000	8.153.793.184.000	0,440819943
		2022	3.619.754.827.000	8.632.045.673.000	0,419339165
	MLP	2018	783.095.982.000	5.308.226.825.000	0,147524966
2019		1.128.774.113.000	5.626.779.471.000	0,200607491	



		2020	963.467.166.000	5.762.537.984.000	0,167194935
		2021	949.949.854.000	6.157.354.007.000	0,154278908
		2022	1.452.118.870.000	6.183.751.215.000	0,234828152
20	MTLA	2018	1.755.200.333.000	3.438.762.407.000	0,510416285
		2019	2.257.513.000.000	3.849.851.000.000	0,586389707
		2020	1.855.546.000.000	4.076.937.000.000	0,45513237
		2021	2.003.374.000.000	4.406.174.000.000	0,454674282
		2022	1.981.223.000.000	4.754.672.000.000	0,416689732
21	NIRO	2018	1.440.688.937.326	6.115.016.463.186	0,235598538
		2019	1.800.514.797.893	6.438.320.254.622	0,279655986
		2020	4.019.064.322.188	6.589.326.198.353	0,609935554
		2021	5.263.849.675.728	6.427.221.923.649	0,818992986
		2022	6.842.019.184.618	6.088.948.510.139	1,123678279
22	OMRE	2018	405.042.815.008	3.847.663.658.030	0,105269808
		2019	447.147.225.925	3.787.172.586.518	0,11806888
		2020	584.063.261.293	3.549.925.412.734	0,164528319
		2021	718.406.241.142	3.391.182.788.485	0,211845331
		2022	827.629.121.014	3.162.053.683.507	0,261737846
23	PLIN	2018	3.811.773.076.000	11.331.982.414.000	0,336373014
		2019	972.457.079.000	11.575.574.237.000	0,084009403
		2020	1.162.324.697.000	10.653.586.794.000	0,109101725
		2021	1.174.237.380.000	10.797.455.175.000	0,108751309
		2022	1.324.547.597.000	11.045.072.794.000	0,119922034
24	PWON	2018	9.706.398.758.000	15.311.681.466.000	0,633921152
		2019	7.999.510.286.000	18.095.643.057.000	0,442068307
		2020	8.860.110.106.000	17.598.695.271.000	0,503452669
		2021	9.687.642.670.000	19.178.438.459.000	0,505131984
		2022	9.883.903.905.000	20.718.276.011.000	0,477062083
25	SMDM	2018	606.128.820.887	2.552.513.564.173	0,237463506
		2019	589.477.689.864	2.623.695.416.052	0,224674589
		2020	553.905.302.046	2.648.005.601.975	0,209178297
		2021	523.995.257.470	2.779.516.465.681	0,188520293
		2022	463.973.692.434	2.959.304.778.402	0,156784693
26	SMRA	2018	14.238.537.503.000	9.060.704.565.000	1,571460299
		2019	14.990.297.354.000	9.451.359.922.000	1,586046609
		2020	15.836.845.684.000	9.085.688.540.000	1,743053992
		2021	14.819.493.511.000	11.230.223.167.000	1,319608105
		2022	16.683.534.371.000	11.750.040.507.000	1,419870371



Data Capital Intensity

No	Kode	Tahun	Total Aset Tetap	Total Aset	CIR
1	APLN	2018	4.433.790.374	29.583.829.904	0,149872089
		2019	3.658.026.494	29.460.345.080	0,124167809
		2020	3.911.456.238	30.391.359.956	0,128702903
		2021	3.835.220.367	29.611.111.193	0,129519637
		2022	3.639.961.858	28.617.781.741	0,127192313
2	ASRI	2018	1.329.283.319	20.890.925.564	0,0636297
		2019	1.298.289.971	21.894.272.005	0,059298157
		2020	1.259.350.518	21.226.814.871	0,059328285
		2021	1.207.694.618	21.933.974.714	0,055060455
		2022	1.201.749.623	22.298.925.271	0,053892715
3	BAPA	2018	1.277.381.264	166.313.437.729	0,007680566
		2019	1.394.649.669	143.136.436.717	0,009743499
		2020	925.167.363	142.306.771.029	0,006501218
		2021	435.606.877	139.570.998.335	0,003121041
		2022	44.252.513	135.434.013.488	0,000326746
4	BCIP	2018	33.696.815.824	849.799.701.091	0,039652657
		2019	34.992.765.408	867.065.425.451	0,040357699
		2020	39.270.240.610	909.264.462.663	0,04318902
		2021	19.876.971.239	887.073.065.396	0,022407366
		2022	21.470.773.012	884.034.513.122	0,024287257
5	BEST	2018	180.889.635.342	6.290.126.551.391	0,02875771
		2019	185.394.346.501	6.399.477.523.890	0,028970232
		2020	162.736.426.651	6.282.180.229.732	0,02590445
		2021	155.684.144.026	6.046.212.385.412	0,025749037
		2022	147.876.782.641	6.078.468.909.026	0,024327966
6	BIPP	2018	151.719.638.798	2.063.247.282.902	0,073534394
		2019	158.020.943.564	2.165.031.833.086	0,072987815
		2020	178.028.051.322	2.126.525.330.314	0,083717814
		2021	175.367.937.126	2.044.686.725.854	0,085767631
		2022	236.479.046.159	1.888.336.506.757	0,125231412
7	BKSL	2018	215.846.370.468	16.252.732.184.207	0,013280621
		2019	208.373.652.924	17.275.272.609.213	0,01206196
		2020	191.976.184.496	18.371.229.973.821	0,010449828
		2021	195.139.069.024	16.654.989.338.161	0,011716553
		2022	210.648.832.114	16.721.760.263.807	0,012597288
	SDE	2018	676.536.086.022	52.190.720.008.055	0,012962766
		2019	631.541.383.154	54.540.978.397.964	0,011579209
		2020	584.619.322.260	60.862.926.586.750	0,009605508
		2021	530.203.479.403	61.469.712.165.656	0,008625443
		2022	548.157.192.272	64.999.403.480.787	0,008433265



9	CTRA	2018	3.113.950	34.289.017	0,090814794
		2019	3.089.106	36.196.024	0,085343794
		2020	2.594.980	39.255.187	0,066105404
		2021	2.503.919	40.668.411	0,061569138
		2022	2.568.690	41.902.382	0,061301766
10	DART	2018	920.824.720	6.905.286.394	0,133350692
		2019	872.618.184	6.880.951.291	0,126816504
		2020	809.951.582	6.656.120.982	0,121685225
		2021	759.682.221	6.604.034.590	0,115033047
		2022	695.932.107	6.462.680.097	0,107684753
11	DILD	2018	236.880.836.401	14.215.535.191.206	0,016663519
		2019	232.819.760.071	14.777.496.292.639	0,015755021
		2020	213.381.623.567	15.699.598.876.338	0,013591533
		2021	238.104.394.639	16.460.004.827.627	0,014465633
		2022	171.001.004.346	16.351.848.378.006	0,010457595
12	DMAS	2018	312.802.843.100	7.500.033.435.372	0,04170686
		2019	309.629.928.622	7.616.971.029.620	0,040650007
		2020	290.465.585.963	6.752.233.240.104	0,043017706
		2021	308.791.131.863	6.113.941.603.354	0,050506065
		2022	378.385.478.630	6.623.414.189.145	0,057128464
13	DUTI	2018	317.166.296.444	12.642.895.738.823	0,025086523
		2019	304.735.856.152	13.788.227.459.960	0,022101163
		2020	272.344.777.548	13.753.624.738.885	0,019801673
		2021	244.177.290.719	15.308.923.447.779	0,015949997
		2022	233.050.518.655	15.586.178.093.961	0,014952384
14	ELTY	2018	2.843.634.577.666	13.606.180.006.238	0,208995808
		2019	2.831.093.984.408	12.329.520.357.728	0,22961915
		2020	2.737.985.000.000	11.823.436.000.000	0,2315727
		2021	2.609.881.000.000	11.681.203.000.000	0,223425704
		2022	1.704.838.000.000	9.913.459.000.000	0,171972063
15	GMTD	2018	2.069.610.839	1.252.862.156.022	0,001651906
		2019	2.160.407.996	1.107.518.134.867	0,001950675
		2020	2.498.068.519	987.323.142.096	0,002530143
		2021	14.365.911.610	1.072.934.636.699	0,013389363
		2022	19.040.304.377	1.160.940.485.132	0,016400758
16	GPRA	2018	42.494.242.460	1.536.453.590.418	0,027657355
		2019	41.145.419.704	1.705.918.986.765	0,024119211
		2020	38.405.471.214	1.727.361.676.947	0,022233602
		2021	36.808.190.227	1.760.551.462.449	0,020907194
		2022	35.128.940.202	1.781.355.644.223	0,019720341
WSA	WSA	2018	222.749.848.702	7.491.033.825.272	0,029735528
		2019	206.892.381.780	7.688.298.885.243	0,026910034
		2020	194.020.652.230	7.543.459.452.387	0,025720381



		2021	181.194.501.253	7.558.387.262.329	0,023972641
		2022	169.288.498.780	7.788.405.536.526	0,021735964
18	JRPT	2018	133.633.966.000	10.541.248.267.000	0,012677243
		2019	150.078.346.000	11.164.935.100.000	0,013441936
		2020	160.171.913.000	11.481.521.265.000	0,013950409
		2021	164.334.238.000	11.748.147.834.000	0,013988098
		2022	202.286.989.000	12.251.800.500.000	0,016510797
		19	MMLP	2018	11.917.141.000
2019	8.212.783.000			6.755.553.584.000	0,001215708
2020	2.250.843.000			6.726.005.150.000	0,000334648
2021	1.738.527.000			7.107.303.861.000	0,000244611
2022	4.404.797.000			7.635.870.085.000	0,000576856
20	MTLA	2018	366.199.466.000	5.193.962.740.000	0,070504831
		2019	385.178.000.000	6.107.364.000.000	0,063067798
		2020	492.362.000.000	5.932.483.000.000	0,082994254
		2021	604.416.000.000	6.409.548.000.000	0,094299317
		2022	710.498.000.000	6.735.895.000.000	0,105479376
21	NIRO	2018	232.694.093.339	7.555.705.400.512	0,030797137
		2019	249.590.436.602	8.238.835.052.515	0,030294384
		2020	255.790.949.831	10.608.390.520.541	0,024112136
		2021	238.581.013.938	11.691.071.599.377	0,020407113
		2022	325.435.002.119	12.930.967.694.757	0,025167103
22	OMRE	2018	67.798.231.830	4.252.706.473.038	0,015942373
		2019	63.414.797.707	4.234.319.812.443	0,014976384
		2020	63.259.304.924	4.133.988.674.027	0,015302244
		2021	57.223.465.079	4.109.589.029.627	0,013924377
		2022	57.217.660.322	3.989.682.804.521	0,014341406
23	PLIN	2018	823.976.367.000	15.143.755.490.000	0,054410306
		2019	398.030.725.000	12.548.031.316.000	0,031720572
		2020	397.108.716.000	11.815.911.491.000	0,033607963
		2021	473.956.766.000	11.971.692.555.000	0,039589788
		2022	567.465.432.000	12.369.620.391.000	0,045875735
24	PWON	2018	1.732.817.498.000	25.018.080.224.000	0,069262609
		2019	2.075.840.106.000	26.095.153.343.000	0,079548876
		2020	2.355.148.670.000	26.458.805.377.000	0,089011905
		2021	2.318.296.002.000	28.866.081.129.000	0,080312114
		2022	2.326.872.517.000	30.602.179.916.000	0,076036169
25	SMDM	2018	301.243.965.690	3.158.642.385.060	0,095371343
		2019	290.637.988.164	3.213.173.105.916	0,090452017
		2020	273.672.474.446	3.201.910.904.021	0,085471608
		2021	263.174.344.891	3.303.511.723.151	0,079665025
		2022	253.410.149.718	3.423.278.470.863	0,074025573
	MIRA	2018	376.728.691.000	23.299.242.068.000	0,016169139



		2019	338.338.677.000	24.441.657.276.000	0,013842706
		2020	331.695.551.000	24.922.534.224.000	0,013309062
		2021	317.846.663.000	26.049.716.678.000	0,01220154
		2022	370.444.862.000	23.299.242.068.000	0,015899438

Data Profitabilitas

No	Kode	Tahun	Laba Bersih setelah Pajak	Total Aset	ROA
1	APLN	2018	205.780.396	29.583.829.904	0,00695584
		2019	120.811.697	29.460.345.080	0,004100824
		2020	180.144.688	30.391.359.956	0,005927497
		2021	-485.227.632	29.611.111.193	-0,016386674
		2022	2.268.910.393	28.617.781.741	0,079283238
2	ASRI	2018	970.586.600	20.890.925.564	0,046459722
		2019	1.012.947.312	21.894.272.005	0,046265403
		2020	-1.036.617.865	21.226.814.871	-0,0488353
		2021	142.928.791	21.933.974.714	0,00651632
		2022	1.098.364.937	22.298.925.271	0,049256407
3	BAPA	2018	4.874.818.808	166.313.437.729	0,029311034
		2019	4.956.230.815	143.136.436.717	0,03462592
		2020	-3.737.826.580	142.306.771.029	-0,026265978
		2021	-2.052.255.452	139.570.998.335	-0,014704025
		2022	-3.712.072.464	135.434.013.488	-0,027408716
4	BCIP	2018	50.247.119.273	849.799.701.091	0,059128191
		2019	23.201.520.208	867.065.425.451	0,026758673
		2020	12.990.816.748	909.264.462.663	0,014287171
		2021	124.179.366	887.073.065.396	0,000139988
		2022	17.063.851.989	884.034.513.122	0,019302246
5	BEST	2018	422.536.948.687	6.290.126.551.391	0,067174634
		2019	380.152.937.259	6.399.477.523.890	0,059403746
		2020	-115.219.635.076	6.282.180.229.732	-0,018340708
		2021	-71.095.023.263	6.046.212.385.412	-0,011758605
		2022	33.729.572.546	6.078.468.909.026	0,005549024
6	BIPP	2018	-79.203.069.270	2.063.247.282.902	-0,03838758
		2019	4.822.404.616	2.165.031.833.086	0,002227406
		2020	94.063.094.416	2.126.525.330.314	0,044233235
		2021	17.043.157.013	2.044.686.725.854	0,008335339
		2022	22.212.330.445	1.888.336.506.757	0,011762909
KSL		2018	368.591.316.449	16.252.732.184.207	0,022678729
		2019	68.928.077.412	17.275.272.609.213	0,003989985
		2020	-556.301.782.629	18.371.229.973.821	-0,03028114



		2021	229.270.350.880	16.654.989.338.161	0,013765866
		2022	-167.082.791.575	16.721.760.263.807	-0,009991938
8	BSDE	2018	1.701.817.694.927	52.190.720.008.055	0,032607668
		2019	3.130.076.103.452	54.540.978.397.964	0,057389438
		2020	486.257.814.158	60.862.926.586.750	0,007989393
		2021	1.538.840.956.173	61.469.712.165.656	0,025034133
		2022	2.656.885.590.302	64.999.403.480.787	0,040875538
9	CTRA	2018	1.302.702	34.289.017	0,037991815
		2019	1.283.281	36.196.024	0,035453645
		2020	1.370.686	39.255.187	0,034917322
		2021	2.087.716	40.668.411	0,051335077
		2022	2.003.028	41.902.382	0,047802247
10	DART	2018	13.121.021	6.905.286.394	0,001900141
		2019	-260.776.918	6.880.951.291	-0,037898382
		2020	-400.173.079	6.656.120.982	-0,060121065
		2021	-411.222.141	6.604.034.590	-0,06226832
		2022	-421.159.213	6.462.680.097	-0,065167888
11	DILD	2018	194.106.659.340	14.215.535.191.206	0,013654545
		2019	436.709.213.814	14.777.496.292.639	0,029552314
		2020	68.962.241.069	15.699.598.876.338	0,004392612
		2021	-29.065.195.094	16.460.004.827.627	-0,001765807
		2022	191.967.902.267	16.351.848.378.006	0,011739829
12	DMAS	2018	496.364.970.438	7.500.033.435.372	0,066181701
		2019	1.335.420.919.293	7.616.971.029.620	0,17532178
		2020	1.348.575.384.650	6.752.233.240.104	0,199722867
		2021	714.858.418.799	6.113.941.603.354	0,116922677
		2022	1.218.496.386.998	6.623.414.189.145	0,183968019
13	DUTI	2018	1.126.657.230.110	12.642.895.738.823	0,089113859
		2019	1.289.962.965.315	13.788.227.459.960	0,093555388
		2020	638.427.373.273	13.753.624.738.885	0,046418845
		2021	730.113.120.884	15.308.923.447.779	0,047691996
		2022	846.697.244.502	15.586.178.093.961	0,054323596
14	ELTY	2018	2.734.705.483.212	13.606.180.006.238	0,200989953
		2019	-779.561.928.532	12.329.520.357.728	-0,063227271
		2020	-326.358.000.000	11.823.436.000.000	-0,027602636
		2021	-273.529.000.000	11.681.203.000.000	-0,023416167
		2022	-789.619.000.000	9.913.459.000.000	-0,07965121
15	GMTD	2018	61.443.212.441	1.252.862.156.022	0,049042277
		2019	-70.115.543.611	1.107.518.134.867	-0,063308709
		2020	-105.950.046.766	987.323.142.096	-0,107310406
		2021	-27.376.369.761	1.072.934.636.699	-0,025515412
		2022	8.998.249.188	1.160.940.485.132	0,007750827
	PRA	2018	50.425.199.916	1.536.453.590.418	0,032819214



		2019	55.222.657.634	1.705.918.986.765	0,032371208
		2020	34.752.426.451	1.727.361.676.947	0,02011879
		2021	49.537.431.683	1.760.551.462.449	0,028137452
		2022	76.356.236.772	1.781.355.644.223	0,042864117
17	GWSA	2018	210.570.439.177	7.491.033.825.272	0,028109663
		2019	126.542.082.915	7.688.298.885.243	0,016459048
		2020	-57.214.351.055	7.543.459.452.387	-0,00758463
		2021	19.903.021.826	7.558.387.262.329	0,002633237
		2022	30.692.507.577	7.788.405.536.526	0,003940795
18	JRPT	2018	1.049.745.761.000	10.541.248.267.000	0,099584578
		2019	1.037.201.837.000	11.164.935.100.000	0,092898152
		2020	1.013.418.153.000	11.481.521.265.000	0,088265146
		2021	786.726.309.000	11.748.147.834.000	0,066965986
		2022	879.772.894.000	12.251.800.500.000	0,071807641
19	MMLP	2018	281.313.117.000	6.091.322.807.000	0,046182599
		2019	273.821.192.000	6.755.553.584.000	0,040532754
		2020	-89.078.551.000	6.726.005.150.000	-0,013243902
		2021	366.262.697.000	7.107.303.861.000	0,051533282
		2022	194.546.174.000	7.635.870.085.000	0,025477931
20	MTLA	2018	507.227.779.000	5.193.962.740.000	0,097657185
		2019	487.622.000.000	6.107.364.000.000	0,079841647
		2020	286.307.000.000	5.932.483.000.000	0,048260905
		2021	380.666.000.000	6.409.548.000.000	0,059390459
		2022	417.934.000.000	6.735.895.000.000	0,062045801
21	NIRO	2018	-35.053.073.458	7.555.705.400.512	-0,004639285
		2019	-42.279.000.684	8.238.835.052.515	-0,005131672
		2020	157.776.799.288	10.608.390.520.541	0,014872831
		2021	-164.129.909.756	11.691.071.599.377	-0,014038911
		2022	-355.490.918.415	12.930.967.694.757	-0,02749144
22	OMRE	2018	133.966.017.617	4.252.706.473.038	0,031501355
		2019	-60.443.046.688	4.234.319.812.443	-0,014274559
		2020	-222.986.825.963	4.133.988.674.027	-0,053939873
		2021	-170.621.337.468	4.109.589.029.627	-0,041517859
		2022	-235.810.272.617	3.989.682.804.521	-0,059105018
23	PLIN	2018	475.506.406.000	15.143.755.490.000	0,031399504
		2019	618.006.511.000	12.548.031.316.000	0,049251273
		2020	-575.176.897.000	11.815.911.491.000	-0,048678166
		2021	447.757.412.000	11.971.692.555.000	0,037401346
		2022	557.392.413.000	12.369.620.391.000	0,0450614
	NON	2018	2.826.936.213.000	25.018.080.224.000	0,112995729
2019		3.239.796.227.000	26.095.153.343.000	0,124153178	
2020		1.119.113.010.000	26.458.805.377.000	0,04229643	
2021		1.550.434.339.000	28.866.081.129.000	0,053711286	



		2022	1.831.130.001.000	30.602.179.916.000	0,059836587
25	SMDM	2018	85.390.121.403	3.158.642.385.060	0,027033805
		2019	73.368.288.038	3.213.173.105.916	0,022833593
		2020	18.706.792.552	3.201.910.904.021	0,005842384
		2021	117.647.293.156	3.303.511.723.151	0,035612797
		2022	179.796.943.605	3.423.278.470.863	0,052521857
26	SMRA	2018	690.623.630.000	23.299.242.068.000	0,029641463
		2019	613.020.426.000	24.441.657.276.000	0,025080968
		2020	245.909.143.000	24.922.534.224.000	0,00986694
		2021	549.696.051.000	26.049.716.678.000	0,021101805
		2022	771.743.500.000	23.299.242.068.000	0,033123116

Data Kepemilikan Institusional

No	Kode	Tahun	Jumlah saham yang dimiliki institusional	Jumlah saham yang beredar	KI
1	APLN	2018	14.715.780.000	19.364.561.700	0,759933544
		2019	15.572.222.400	19.364.561.700	0,80416085
		2020	18.777.785.148	22.699.326.779	0,827239738
		2021	18.777.785.148	22.699.326.779	0,827239738
		2022	18.777.785.148	22.699.326.779	0,827239738
2	ASRI	2018	9.137.447.164	19.649.411.888	0,465023952
		2019	9.272.147.164	19.649.411.888	0,471879119
		2020	11.021.447.164	19.649.411.888	0,560904684
		2021	11.021.447.164	19.649.411.888	0,560904684
		2022	11.016.447.164	19.649.411.888	0,560650223
3	BAPA	2018	595.067.100	661.784.520	0,899185584
		2019	497.212.000	661.784.520	0,751320082
		2020	527.011.900	661.784.520	0,796349694
		2021	479.772.400	661.784.520	0,724967698
		2022	486.116.200	661.784.520	0,734553598
4	BCIP	2018	326.710.000	1.429.915.525	0,228482029
		2019	327.284.100	1.429.915.525	0,228883521
		2020	410.111.400	1.429.915.525	0,286808132
		2021	638.574.400	1.429.915.525	0,446581906
		2022	638.574.400	1.429.915.525	0,446581906
	EST	2018	6.205.520.000	9.647.311.150	0,643238298
		2019	6.188.139.700	9.647.311.150	0,641436728
		2020	6.163.354.400	9.647.311.150	0,638867587
		2021	6.149.173.400	9.647.311.150	0,637397644
		2022	5.608.354.400	9.647.311.150	0,581338604



6	BIPP	2018	3.595.072.195	5.028.669.376	0,714915204
		2019	3.595.072.195	5.028.669.376	0,714915204
		2020	3.595.072.195	5.028.669.376	0,714915204
		2021	3.595.072.195	5.028.669.376	0,714915204
		2022	3.345.072.195	5.028.669.376	0,665200264
7	BKSL	2018	23.513.477.865	55.258.659.323	0,425516619
		2019	23.513.477.865	55.258.659.323	0,425516619
		2020	35.338.370.746	55.258.659.323	0,63950829
		2021	35.338.370.746	55.258.659.323	0,63950829
		2022	35.338.370.746	55.258.659.323	0,63950829
8	BSDE	2018	11.585.196.480	18.988.725.492	0,610109219
		2019	11.576.357.317	18.988.725.492	0,609643724
		2020	13.729.108.000	20.913.395.112	0,656474376
		2021	13.866.609.100	20.913.395.112	0,663049162
		2022	14.639.748.500	20.913.395.112	0,700017784
9	CTRA	2018	8.716.333.730	18.535.694.715	0,470245862
		2019	8.716.333.730	18.535.695.255	0,470245848
		2020	9.794.373.998	18.535.695.255	0,528406076
		2021	9.882.123.998	18.535.695.255	0,533140185
		2022	9.882.123.998	18.535.695.255	0,533140185
10	DART	2018	1.411.887.848	3.141.390.962	0,449446715
		2019	1.411.887.848	3.141.390.962	0,449446715
		2020	1.411.887.848	3.141.390.962	0,449446715
		2021	1.411.887.848	3.141.390.962	0,449446715
		2022	1.411.887.848	3.141.390.962	0,449446715
11	DILD	2018	3.225.374.925	10.365.854.185	0,3111538
		2019	3.247.302.525	10.365.854.185	0,313269169
		2020	3.628.478.025	10.365.854.185	0,350041392
		2021	3.582.178.025	10.365.854.185	0,345574804
		2022	4.970.976.555	10.365.854.185	0,479553008
12	DMAS	2018	39.658.300.000	48.198.111.100	0,822818552
		2019	39.658.300.000	48.198.111.100	0,822818552
		2020	39.658.300.000	48.198.111.100	0,822818552
		2021	39.658.300.000	48.198.111.100	0,822818552
		2022	39.658.300.000	48.198.111.100	0,822818552
13	DUTI	2018	1.638.372.333	1.850.000.000	0,885606666
		2019	1.638.372.333	1.850.000.000	0,885606666
		2020	1.638.372.333	1.850.000.000	0,885606666
		2021	1.638.372.333	1.850.000.000	0,885606666
		2022	1.638.372.333	1.850.000.000	0,885606666
	LTY	2018	5.115.633.240	43.521.913.019	0,117541553
		2019	2.227.645.000	43.521.913.019	0,051184446
		2020	2.228.000.000	43.522.000.000	0,0511925



		2021	2.228.000.000	43.522.000.000	0,0511925
		2022	4.557.000.000	43.522.000.000	0,104705666
15	GMTD	2018	66.000.000	101.538.000	0,650002955
		2019	66.000.000	101.538.000	0,650002955
		2020	66.000.000	101.538.000	0,650002955
		2021	66.000.000	101.538.000	0,650002955
		2022	66.000.000	101.538.000	0,650002955
16	GPRA	2018	3.340.330.243	4.276.655.336	0,781061362
		2019	3.296.007.887	4.276.655.336	0,770697573
		2020	3.269.533.387	4.276.655.336	0,764507104
		2021	3.341.635.487	4.276.655.336	0,781366564
		2022	2.948.998.787	4.276.655.336	0,689557272
17	GWSA	2018	6.200.760.000	7.800.760.000	0,79489178
		2019	6.200.760.000	7.800.760.000	0,79489178
		2020	6.200.760.000	7.800.760.000	0,79489178
		2021	6.200.760.000	7.800.760.000	0,79489178
		2022	6.200.760.000	7.800.760.000	0,79489178
18	JRPT	2018	10.641.773.700	13.750.000.000	0,773947178
		2019	10.673.034.800	13.750.000.000	0,776220713
		2020	10.673.034.800	13.750.000.000	0,776220713
		2021	10.673.034.800	13.750.000.000	0,776220713
		2022	10.673.034.800	13.750.000.000	0,776220713
19	MMLP	2018	4.912.288.403	6.889.134.608	0,713048689
		2019	4.907.288.403	6.889.134.608	0,712322909
		2020	4.609.926.303	6.889.134.608	0,669158982
		2021	4.588.353.503	6.889.134.608	0,666027558
		2022	4.588.353.503	6.889.134.608	0,666027558
20	MTLA	2018	5.680.473.803.000	7.655.126.330.000	0,742048342
		2019	5.680.473.803.000	7.655.126.330.000	0,742048342
		2020	5.680.473.803.000	7.655.126.330.000	0,742048342
		2021	4.020.570.253.000	7.655.126.330.000	0,525212789
		2022	4.020.570.253.000	7.655.126.330.000	0,525212789
21	NIRO	2018	11.995.000.500	22.198.871.804	0,540342798
		2019	13.124.462.500	22.198.871.804	0,59122205
		2020	13.124.462.500	22.198.871.804	0,59122205
		2021	11.321.426.619	22.198.871.804	0,51000009
		2022	16.703.543.680	22.198.871.804	0,752450117
22	OMRE	2018	1.282.914.672	1.745.000.000	0,735194654
		2019	1.192.232.972	1.745.000.000	0,683228064
		2020	1.153.623.872	1.745.000.000	0,661102505
		2021	1.146.644.372	1.745.000.000	0,657102792
		2022	1.232.382.672	1.745.000.000	0,706236488
	'LIN	2018	2.713.720.800	3.037.800.000	0,893317796



		2019	3.385.457.530	3.535.753.730	0,957492458
		2020	3.429.674.130	3.535.753.730	0,969998024
		2021	3.429.674.130	3.535.753.730	0,969998024
		2022	3.429.674.130	3.535.753.730	0,969998024
24	PWON	2018	33.077.598.400	48.159.602.400	0,68683288
		2019	33.077.598.400	48.159.602.400	0,68683288
		2020	33.077.598.400	48.159.602.400	0,68683288
		2021	33.077.598.400	48.159.602.400	0,68683288
		2022	33.077.598.400	48.159.602.400	0,68683288
25	SMDM	2018	4.610.763.088	4.772.138.237	0,966183891
		2019	4.610.763.088	4.772.138.237	0,966183891
		2020	4.610.763.088	4.772.138.237	0,966183891
		2021	4.610.752.088	4.772.138.237	0,966181585
		2022	4.610.763.088	4.772.138.237	0,966183891
26	SMRA	2018	6.372.339.312	14.426.781.680	0,441702069
		2019	6.597.992.138	14.426.781.680	0,457343314
		2020	5.825.492.138	14.426.781.680	0,403797068
		2021	5.585.167.916	16.508.568.358	0,338319338
		2022	5.585.167.916	16.508.568.358	0,338319338

Data Tax Avoidance

No	Kode	Tahun	Manfaat (Beban) Pajak	Lab a (Rugi) sebelum Pajak	ETR
1	APLN	2018	3.008.420	208.788.816	0,014408914
		2019	10.409.652	131.221.349	0,079328951
		2020	26.867.553	207.012.241	0,129787267
		2021	27.600.998	-457.626.634	-0,060313356
		2022	55.781.932	2.324.692.325	0,023995404
2	ASRI	2018	64.686.328	1.035.272.928	0,062482391
		2019	98.382.124	1.111.329.436	0,088526517
		2020	76.588.495	-960.029.370	-0,079777242
		2021	15.550.696	158.479.487	0,098124346
		2022	7.778.174	1.106.143.111	0,007031797
3	BAPA	2018	75.444.675	4.950.263.483	0,015240537
		2019	32.198.925	4.988.429.740	0,006454722
		2020	35.904.555	-3.701.922.025	-0,009698896
		2021	36.956.942	-2.015.298.510	-0,018338197
		2022	28.361.621	-3.683.710.843	-0,007699199
	CIP	2018	2.640.560.210	52.887.679.483	0,0499277
2019		3.200.113.752	26.401.633.960	0,121208928	
2020		150.483.452	13.141.300.201	0,011451184	



		2021	2.334.565.796	2.458.745.163	0,94949482
		2022	2.243.772.427	19.307.624.416	0,11621173
5	BEST	2018	4.597.880.811	427.134.829.498	0,010764472
		2019	6.873.125.000	387.026.062.259	0,017758817
		2020	1.416.320.036	-113.803.315.040	-0,012445332
		2021	1.755.433.281	-69.339.589.982	-0,025316465
		2022	2.066.064.133	35.795.636.679	0,057718323
6	BIPP	2018	723.313.947	-78.479.755.323	-0,009216567
		2019	1.315.619.152	6.138.023.768	0,214339208
		2020	377.823.095	93.685.271.321	0,004032897
		2021	234.089.740	17.277.246.753	0,013549019
		2022	280.447.606	22.492.778.051	0,01246834
7	BKSL	2018	53.605.611	368.537.710.838	0,000145455
		2019	820.475.228	68.107.602.184	0,01204675
		2020	2.158.084.775	-554.143.697.854	-0,00389445
		2021	1.104.456.880	230.374.807.760	0,004794174
		2022	1.238.159.808	-165.844.631.767	-0,007465782
8	BSDE	2018	58.602.950.500	1.760.420.645.427	0,033289175
		2019	35.021.413.006	3.165.097.516.458	0,011064876
		2020	15.890.482.660	496.216.734.944	0,03202327
		2021	8.165.533.697	1.547.006.489.870	0,00527828
		2022	4.806.064.184	2.661.691.654.486	0,001805643
9	CTRA	2018	47.812	1.345.277	0,035540636
		2019	33.577	1.316.858	0,025497814
		2020	56.939	1.427.625	0,039883723
		2021	49.149	2.136.865	0,023000517
		2022	56.914	2.059.942	0,027628933
10	DART	2018	5.952.908	7.168.113	0,830470725
		2019	20.803.591	-281.580.509	-0,073881502
		2020	19.950.907	-420.123.986	-0,047488141
		2021	18.325.063	-429.547.204	-0,042661349
		2022	4.189.508	-425.348.721	-0,009849584
11	DILD	2018	103.756.227.015	90.350.432.325	1,148375546
		2019	8.608.508.433	428.100.705.381	0,020108606
		2020	37.070.946.947	31.891.294.122	1,162415887
		2021	1.051.777.193	-30.116.972.287	-0,034923072
		2022	22.948.264.056	169.019.638.211	0,135772768
12	DMAS	2018	18.011.108.750	514.376.079.188	0,035015448
		2019	14.922.097.250	1.350.343.016.543	0,011050598
		2020	12.724.622.240	1.361.300.006.890	0,009347405
		2021	16.039.729.640	730.898.148.439	0,021945232
		2022	20.335.753.680	1.238.832.140.678	0,016415262
	UTI	2018	6.525.357.822	1.133.182.587.932	0,005758435



		2019	8.510.594.250	1.298.473.559.565	0,006554307
		2020	2.399.578.545	640.826.951.818	0,003744503
		2021	1.209.645.128	731.322.766.012	0,001654051
		2022	1.657.904.530	848.355.149.032	0,001954258
14	ELTY	2018	2.358.092.049	2.737.063.575.261	0,000861541
		2019	4.426.530.298	-812.144.548.047	-0,005450422
		2020	1.108.000.000	-325.250.000.000	-0,00340661
		2021	4.400.000.000	-269.129.000.000	-0,016349037
		2022	4.610.000.000	-785.009.000.000	-0,005872544
15	GMTD	2018	598.906.539	62.042.118.980	0,009653225
		2019	599.701.639	-69.515.841.972	-0,008626834
		2020	451.221.614	-105.498.825.152	-0,00427703
		2021	334.357.652	-27.042.012.109	-0,012364378
		2022	389.995.779	9.388.244.967	0,041540861
16	GPRA	2018	1.197.812.073	51.623.011.989	0,023203064
		2019	1.782.808.311	57.005.465.945	0,03127434
		2020	798.248.778	35.550.675.229	0,022453829
		2021	1.590.612.267	51.128.043.950	0,031110368
		2022	1.035.517.399	77.391.754.171	0,013380203
17	GWSA	2018	2.244.292.428	212.814.731.605	0,010545757
		2019	801.212.115	128.137.970.576	0,00625273
		2020	681.190.872	-56.533.160.183	-0,012049404
		2021	84.761.944	19.903.021.826	0,004258747
		2022	136.968.986	30.555.538.591	0,004482624
18	JRPT	2018	31.671.597.000	1.081.417.358.000	0,029287117
		2019	18.504.977.000	1.055.706.814.000	0,017528519
		2020	53.660.442.000	1.067.078.595.000	0,050287244
		2021	11.090.735.000	797.817.044.000	0,013901351
		2022	13.088.829.000	892.861.723.000	0,014659413
19	MMLP	2018	32.250.000	281.345.367.000	0,000114628
		2019	109.242.000	273.930.434.000	0,000398795
		2020	61.873.000	-89.016.678.000	-0,000695072
		2021	4.091.894.000	362.170.803.000	0,011298244
		2022	86.206.000	194.459.968.000	0,00044331
20	MTLA	2018	1.072.056.000	508.299.835.000	0,002109102
		2019	2.840.000.000	490.462.000.000	0,005790459
		2020	141.000.000	286.448.000.000	0,000492236
		2021	2.112.000.000	382.778.000.000	0,005517558
		2022	1.491.000.000	419.425.000.000	0,003554867
	IRO	2018	7.528.529.555	-27.524.543.903	-0,273520592
		2019	4.371.550.211	-37.907.450.473	-0,115321663
		2020	673.749.271	158.450.548.559	0,004252111
		2021	2.517.981.191	-161.611.928.565	-0,015580417



		2022	1.712.968.314	-355.490.918.415	-0,004818599
22	OMRE	2018	1.644.292.973	132.321.724.644	0,012426478
		2019	886.437.666	-61.329.484.354	-0,014453695
		2020	8.836.056.109	-214.150.769.854	-0,041260912
		2021	786.508.503	-169.834.828.965	-0,00463102
		2022	275.558.307	-235.534.714.310	-0,001169927
23	PLIN	2018	33.571.353.000	441.935.053.000	0,075964449
		2019	5.199.915.000	623.206.426.000	0,008343808
		2020	5.704.175.000	-569.472.722.000	-0,01001659
		2021	55.877.230.000	503.634.642.000	0,110947948
		2022	21.963.599.000	579.356.012.000	0,037910367
24	PWON	2018	26.946.121.000	2.853.882.334.000	0,009441917
		2019	30.901.674.000	3.270.697.901.000	0,009448037
		2020	29.866.411.000	1.148.979.421.000	0,025993861
		2021	13.811.705.000	1.564.246.044.000	0,008829624
		2022	8.926.300.000	1.840.056.301.000	0,004851102
25	SMDM	2018	100.795.663	85.289.325.740	0,001181809
		2019	36.987.431	73.331.309.607	0,000504388
		2020	204.245.671	18.502.546.881	0,011038787
		2021	1.642.604.044	119.289.897.200	0,01376985
		2022	1.642.616.553	181.421.560.158	0,009054142
26	SMRA	2018	10.456.830.000	701.080.460.000	0,014915307
		2019	40.014.289.000	653.034.715.000	0,061274367
		2020	2.620.981.000	243.288.162.000	0,010773155
		2021	2.734.331.000	546.961.720.000	0,004999127
		2022	2.905.862.000	774.649.362.000	0,003751197

Data Outlier

Kode	Tahun	DER	CIR	ROA
APLN	2018	1,4391326342	0,1498720885	0,0069558403
	2022	1,2950111521	0,1271923132	0,0792832377
ASRI	2022	1,0952468195	0,0538927149	0,0492564069
BAPA	2018	0,2616180973	0,0076805656	0,0293110339
	2019	0,0554975831	0,0097434986	0,0346259201
	2020	0,0603461236	0,0065012182	-0,0262659784
	2021	0,0541623155	0,0031210415	-0,0147040250
	2022	0,0511397130	0,0003267459	-0,0274087164
	2018	1,0708163297	0,0396526567	0,0591281913
	2020	1,0360070151	0,0431890195	0,0142871709
	2018	0,5077025956	0,0287577100	0,0671746340
	2019	0,4320511435	0,0289702317	0,0594037460



	2020	0,4419726135	0,0259044505	-0,0183407083
	2021	0,4080943020	0,0257490366	-0,0117586050
BIPP	2018	0,8238985998	0,0735343941	-0,0383875796
	2020	0,7619090213	0,0837178136	0,0442332349
	2021	0,4605779631	0,0857676313	0,0083353390
	2022	0,4270342741	0,1252314115	0,0117629090
BKSL	2018	0,5302269122	0,0132806206	0,0226787295
	2019	0,6149759064	0,0120619603	0,0039899849
	2020	0,7922978141	0,0104498275	-0,0302811398
	2021	0,5882996994	0,0117165532	0,0137658660
	2022	0,6198216352	0,0125972881	-0,0099919380
BSDE	2018	0,7191750913	0,0129627659	0,0326076685
	2019	0,6220165472	0,0115792089	0,0573894381
	2020	0,7656217009	0,0096055079	0,0079893926
	2021	0,7125479688	0,0086254427	0,0250341331
	2022	0,7084678242	0,0084332650	0,0408755381
CTRA	2018	1,0601086524	0,0908147936	0,0379918153
	2019	1,0378844931	0,0853437936	0,0354536454
	2020	1,2486108572	0,0661054041	0,0349173219
	2021	1,0969370890	0,0615691378	0,0513350768
	2022	1,0036588844	0,0613017656	0,0478022467
DART	2020	1,2841017554	0,1216852254	-0,0601210645
DILD	2019	1,0425376585	0,0157550207	0,0295523142
DMAS	2018	0,0433372264	0,0417068598	0,0661817010
	2019	0,1726102461	0,0406500074	0,1753217800
	2021	0,1425422794	0,0505060650	0,1169226769
	2022	0,1569991943	0,0571284639	0,1839680189
DUTI	2018	0,3428576507	0,0250865231	0,0891138591
	2019	0,3019097971	0,0221011625	0,0935553877
	2020	0,3313968302	0,0198016728	0,0464188449
	2021	0,3966098028	0,0159499975	0,0476919963
	2022	0,4264905024	0,0149523839	0,0543235962
ELTY	2019	0,3994996014	0,2296191500	-0,0632272713
	2020	0,4015798398	0,2315727002	-0,0276026360
	2021	0,4336924764	0,2234257037	-0,0234161670
	2022	0,3689130687	0,1719720634	-0,0796512095
GMTD	2018	0,6397188431	0,0016519063	0,0490422766
	2019	0,6047049195	0,0019506751	-0,0633087093
	2020	0,6879084279	0,0025301428	-0,1073104055
	2021	0,9260222223	0,0133893633	-0,0255154124
	2022	1,0495507853	0,0164007584	0,0077508273
		2018	0,4199947622	0,0276573550
	2019	0,5059958362	0,0241192108	0,0323712076



	2020	0,6400334720	0,0222336015	0,0201187898
	2021	0,5919440410	0,0209071936	0,0281374517
	2022	0,5115470495	0,0197203407	0,0428641170
GWSA	2018	0,0866738635	0,0297355284	0,0281096634
	2019	0,0826302433	0,0269100337	0,0164590483
	2020	0,0825204142	0,0257203811	-0,0075846303
	2021	0,0805031678	0,0239726406	0,0026332366
	2022	0,1084155460	0,0217359635	0,0039407947
JRPT	2018	0,5748840767	0,0126772430	0,0995845781
	2019	0,5082658890	0,0134419363	0,0928981519
	2020	0,4579553319	0,0139504086	0,0882651462
	2021	0,4408199434	0,0139880976	0,0669659865
	2022	0,4193391653	0,0165107968	0,0718076412
MMLP	2018	0,1475249660	0,0019564127	0,0461825987
	2019	0,2006074912	0,0012157084	0,0405327541
	2020	0,1671949354	0,0003346478	-0,0132439017
	2021	0,1542789083	0,0002446113	0,0515332824
	2022	0,2348281520	0,0005768559	0,0254779314
MTLA	2018	0,5104162851	0,0705048312	0,0976571848
	2019	0,5863897070	0,0630677982	0,0798416469
	2020	0,4551323702	0,0829942538	0,0482609053
	2021	0,4546742820	0,0942993172	0,0593904594
	2022	0,4166897317	0,1054793758	0,0620458009
NIRO	2020	0,6099355535	0,0241121355	0,0148728310
	2021	0,8189929861	0,0204071125	-0,0140389107
	2022	1,1236782793	0,0251671035	-0,0274914397
OMRE	2018	0,1052698081	0,0159423728	0,0315013553
	2019	0,1180688801	0,0149763836	-0,0142745587
	2020	0,1645283192	0,0153022444	-0,0539398735
	2021	0,2118453312	0,0139243765	-0,0415178589
	2022	0,2617378463	0,0143414059	-0,0591050177
PLIN	2019	0,0840094028	0,0317205715	0,0492512726
	2020	0,1091017250	0,0336079630	-0,0486781657
	2022	0,1199220342	0,0458757354	0,0450614001
PWON	2018	0,6339211523	0,0692626086	0,1129957290
	2019	0,4420683068	0,0795488756	0,1241531783
	2020	0,5034526691	0,0890119050	0,0422964300
	2021	0,5051319841	0,0803121141	0,0537112860
	2022	0,4770620828	0,0760361688	0,0598365870
	2018	0,2374635063	0,0953713428	0,0270338047
	2019	0,2246745892	0,0904520169	0,0228335933
	2020	0,2091782969	0,0854716083	0,0058423838
	2021	0,1885202926	0,0796650253	0,0356127972



	2022	0,1567846934	0,0740255728	0,0525218574
SMRA	2018	1,5714602988	0,0161691393	0,0296414634
	2021	1,3196081049	0,0122015401	0,0211018054
	2022	1,4198703707	0,0158994383	0,0331231161

Kode	Tahun	KI	ETR
APLN	2018	0,7599335440	0,0144089136
	2022	0,8272397385	0,0239954042
ASRI	2022	0,5606502234	0,0070317972
BAPA	2018	0,8991855839	0,0152405372
	2019	0,7513200823	0,0064547216
	2020	0,7963496940	-0,0096988955
	2021	0,7249676979	-0,0183381975
	2022	0,7345535976	-0,0076991985
BCIP	2018	0,2284820287	0,0499277003
	2020	0,2868081316	0,0114511844
BEST	2018	0,6432382975	0,0107644718
	2019	0,6414367282	0,0177588170
	2020	0,6388675875	-0,0124453320
	2021	0,6373976442	-0,0253164647
BIPP	2018	0,7149152044	-0,0092165673
	2020	0,7149152044	0,0040328975
	2021	0,7149152044	0,0135490187
	2022	0,6652002637	0,0124683401
BKSL	2018	0,4255166186	0,0001454549
	2019	0,4255166186	0,0120467496
	2020	0,6395082903	-0,0038944497
	2021	0,6395082903	0,0047941739
	2022	0,6395082903	-0,0074657816
BSDE	2018	0,6101092190	0,0332891748
	2019	0,6096437237	0,0110648765
	2020	0,6564743757	0,0320232704
	2021	0,6630491618	0,0052782802
	2022	0,7000177839	0,0018056427
CTRA	2018	0,4702458615	0,0355406359
	2019	0,4702458478	0,0254978137
	2020	0,5284060761	0,0398837230
	2021	0,5331401850	0,0230005171
	2022	0,5331401850	0,0276289332
	2020	0,4494467149	-0,0474881408
	2019	0,3132691689	0,0201086060
	2018	0,8228185523	0,0350154478



	2019	0,8228185523	0,0110505976
	2021	0,8228185523	0,0219452323
	2022	0,8228185523	0,0164152616
DUTI	2018	0,8856066665	0,0057584346
	2019	0,8856066665	0,0065543069
	2020	0,8856066665	0,0037445032
	2021	0,8856066665	0,0016540510
	2022	0,8856066665	0,0019542576
ELTY	2019	0,0511844458	-0,0054504217
	2020	0,0511925003	-0,0034066103
	2021	0,0511925003	-0,0163490371
	2022	0,1047056661	-0,0058725441
GMTD	2018	0,6500029546	0,0096532251
	2019	0,6500029546	-0,0086268341
	2020	0,6500029546	-0,0042770298
	2021	0,6500029546	-0,0123643777
	2022	0,6500029546	0,0415408610
GPRA	2018	0,7810613623	0,0232030644
	2019	0,7706975728	0,0312743398
	2020	0,7645071043	0,0224538289
	2021	0,7813665644	0,0311103681
	2022	0,6895572721	0,0133802032
GWSA	2018	0,7948917798	0,0105457569
	2019	0,7948917798	0,0062527299
	2020	0,7948917798	-0,0120494037
	2021	0,7948917798	0,0042587475
	2022	0,7948917798	0,0044826238
JRPT	2018	0,7739471782	0,0292871173
	2019	0,7762207127	0,0175285190
	2020	0,7762207127	0,0502872443
	2021	0,7762207127	0,0139013513
	2022	0,7762207127	0,0146594133
MMLP	2018	0,7130486894	0,0001146278
	2019	0,7123229088	0,0003987947
	2020	0,6691589823	-0,0006950720
	2021	0,6660275585	0,0112982437
	2022	0,6660275585	0,0004433098
MTLA	2018	0,7420483423	0,0021091016
	2019	0,7420483423	0,0057904588
	2020	0,7420483423	0,0004922359
	2021	0,5252127894	0,0055175585
	2022	0,5252127894	0,0035548668
	2020	0,5912220502	0,0042521107



	2021	0,5100000900	-0,0155804167
	2022	0,7524501167	-0,0048185994
OMRE	2018	0,7351946544	0,0124264778
	2019	0,6832280642	-0,0144536951
	2020	0,6611025054	-0,0412609122
	2021	0,6571027920	-0,0046310201
	2022	0,7062364883	-0,0011699265
PLIN	2019	0,9574924581	0,0083438084
	2020	0,9699980236	-0,0100165904
	2022	0,9699980236	0,0379103669
PWON	2018	0,6868328797	0,0094419173
	2019	0,6868328797	0,0094480368
	2020	0,6868328797	0,0259938607
	2021	0,6868328797	0,0088296244
	2022	0,6868328797	0,0048511016
SMDM	2018	0,9661838905	0,0011818087
	2019	0,9661838905	0,0005043880
	2020	0,9661838905	0,0110387868
	2021	0,9661815855	0,0137698504
	2022	0,9661838905	0,0090541419
SMRA	2018	0,4417020686	0,0149153066
	2021	0,3383193379	0,0049991268
	2022	0,3383193379	0,0037511965

