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LAMPIRAN

PERHITUNGAN RASIO LIKUIDITAS

Kode Saham	Tahun	Aset Lancar	Hutang Lancar	CR
AISA	2018	788973	5177830	0.152
	2019	474261	1152932	0.411
	2020	695360	855449	0.813
	2021	432800	720020	0.601
	2022	558960	827907	0.675
ALTO	2018	188,531,394,038	246,962,435,572	0.763
	2019	176,818,868,579	200,070,083,238	0.884
	2020	192,738,872,245	232,807,819,931	0.828
	2021	189,509,211,466	232,428,387,396	0.815
	2022	152,626,394,141	187,318,300,982	0.815
CAMP	2018	664,681,699,769	61,322,975,128	10.839
	2019	723,916,345,285	57,300,411,135	12.634
	2020	751,789,918,087	56,665,064,940	13.267
	2021	856,198,582,426	64,332,022,572	13.309
	2022	772,685,806,645	72,411,790,397	10.671
CEKA	2018	809,166,450,672	158,255,592,250	5.113
	2019	1,067,652,078,121	222,440,530,626	4.800
	2020	1,266,586,465,994	271,641,005,590	4.663
	2021	1,358,085,356,038	283,104,828,760	4.797
	2022	1,383,998,340,429	139,037,021,213	9.954
CLEO	2018	198,544,322,066	121,061,155,519	1.640
	2019	240,755,729,131	204,953,165,337	1.175
	2020	254,187,665,140	147,545,013,406	1.723
	2021	279,804,122,714	182,882,815,706	1.530
	2022	380,268,816,727	209,828,541,579	1.812
COCO	2018	89,464,521,517	101,161,992,091	0.884
	2019	145,913,697,234	124,836,918,044	1.169
	2020	161,986,171,773	135,290,031,399	1.197
	2021	273,848,147,193	140,133,633,808	1.954
	2022	284,173,876,309	146,027,758,905	1.946
DLTA	2018	1,384,227,944	192,299,843	7.198
	2019	1,292,805,083	160,587,363	8.050
	2020	1,103,831,856	147,207,676	7.498
	2021	1,174,393,432	244,206,806	4.809
	2022	1,165,412,820	255,354,186	4.564

FOOD	2018	43,059,035,473	56,440,246,530	0.763
	2019	39,436,012,770	34,921,473,609	1.129
	2020	30,018,199,981	40,180,201,199	0.747
	2021	28,220,720,064	50,340,517,198	0.561
	2022	27,248,456,331	49,827,290,693	0.547
GOOD	2018	1,570,545,769,306	1,328,163,043,500	1.182
	2019	1,999,886,108,743	1,303,881,731,637	1.534
	2020	2,314,323,530,275	1,321,529,767,664	1.751
	2021	2,613,436,417,820	1,771,339,531,925	1.475
	2022	3,194,327,374,948	1,835,096,804,319	1.741
HOKI	2018	490,747,589,782	183,224,424,681	2.678
	2019	483,422,211,591	161,901,915,986	2.986
	2020	423,486,192,138	188,719,266,211	2.244
	2021	450,325,961,390	280,958,063,589	1.603
	2022	389,697,575,028	119,206,775,342	3.269
ICBP	2018	14,121,568	7,235,398	1.952
	2019	16,624,925	6,556,359	2.536
	2020	20,716,223	9,176,164	2.258
	2021	33,997,637	18,896,133	1.799
	2022	31,070,365	10,033,935	3.097
INDF	2018	33,272,618	31,204,102	1.066
	2019	31,403,445	24,686,862	1.272
	2020	38,418,238	27,975,875	1.373
	2021	54,183,399	40,403,404	1.341
	2022	54,876,668	30,725,942	1.786
KEJU	2018	322,856,090,927	141,578,380,451	2.280
	2019	498,883,575,576	201,269,847,299	2.479
	2020	500,560,734,326	197,366,118,342	2.536
	2021	497,681,274,294	176,772,189,231	2.815
	2022	641,093,981,245	153,894,624,540	4.166
MLBI	2018	1,228,961	1,578,919	0.778
	2019	1,162,802	1,588,693	0.732
	2020	1,189,261	1,338,441	0.889
	2021	1,241,112	1,682,700	0.738
	2022	1,649,257	2,154,777	0.765
MYOR	2018	12,647,858,727,872	4,764,510,387,113	2.655
	2019	12,776,102,781,513	3,726,359,539,201	3.429
	2020	12,838,729,162,094	3,475,323,711,943	3.694
	2021	12,969,783,874,643	5,570,773,468,770	2.328
	2022	14,772,623,976,128	5,636,627,301,308	2.621
PCAR	2018	86,383,519,237	23,934,318,332	3.609
	2019	81,197,082,570	33,133,870,056	2.451
	2020	64,192,318,245	21,624,939,963	2.968
	2021	64,337,480,157	28,202,878,644	2.281

	2022	55,296,068,186	23,290,157,438	2.374
ROTI	2018	1,876,409,299,238	525,422,150,049	3.571
	2019	1,874,411,044,438	1,106,938,318,565	1.693
	2020	1,549,617,329,468	404,567,270,700	3.830
	2021	1,282,057,210,341	483,213,195,704	2.653
	2022	1,285,672,230,703	612,417,576,293	2.099
SKBM	2018	851,410,216,636	615,506,825,729	1.383
	2019	889,743,651,128	668,931,501,885	1.330
	2020	953,792,483,691	701,020,837,232	1.361
	2021	1,158,132,110,148	883,202,660,221	1.311
	2022	1,263,255,237,692	875,853,096,624	1.442
STTP	2018	1,250,806,822,918	676,673,564,908	1.848
	2019	1,165,406,301,686	408,490,550,651	2.853
	2020	1,505,872,822,478	626,131,203,549	2.405
	2021	1,979,855,004,312	475,372,154,415	4.165
	2022	2,575,390,271,556	530,693,880,588	4.853
ULTJ	2018	2,793,521	635,161	4.398
	2019	3,716,641	836,314	4.444
	2020	5,593,421	2,327,339	2.403
	2021	4,844,821	1,556,539	3.113
	2022	4,618,390	1,456,898	3.170

PERHITUNGAN RASIO PROFITABILITAS

Kode Saham	Tahun	Laba Bersih	Total Aset	ROA
AISA	2018	-9245	1816406	-0.005
	2019	1486863	1868966	0.796
	2020	2131973	2011557	1.060
	2021	53925	1761634	0.031
	2022	-27512	1826350	-0.015
ALTO	2018	-22,940,498,933	1,109,843,522,344	-0.021
	2019	-5,579,723,214	1,103,450,087,164	-0.005
	2020	212,496,606	1,105,874,415,256	0.000
	2021	4,849,126,735	1,089,208,965,375	0.004
	2022	3,860,734,733	1,023,323,308,935	0.004
CAMP	2018	86,811,786,458	1,004,275,813,783	0.086
	2019	90,901,916,541	1,057,529,235,985	0.086
	2020	48,759,784,747	1,086,873,666,641	0.045
	2021	118,449,234,899	1,147,260,611,703	0.103
	2022	147,206,245,389	1,074,777,460,412	0.137

CEKA	2018	136,839,635,762	1,168,956,042,706	0.117
	2019	274,640,420,999	1,393,079,542,074	0.197
	2020	207,543,083,141	1,566,673,828,068	0.132
	2021	227,163,546,573	1,697,387,196,209	0.134
	2022	282,224,281,647	1,718,287,453,575	0.164
CLEO	2018	81,834,159,473	833,933,861,594	0.098
	2019	172,667,589,552	1,245,144,303,719	0.139
	2020	168,964,556,985	1,310,940,121,622	0.129
	2021	230,343,242,053	1,348,181,576,913	0.171
	2022	249,231,376,669	1,693,523,611,414	0.147
COCO	2018	15,666,517,069	162,749,739,566	0.096
	2019	23,454,240,953	250,442,587,742	0.094
	2020	16,085,021,916	263,754,414,443	0.061
	2021	24,873,612,788	370,684,311,428	0.067
	2022	21,957,861,992	485,054,412,584	0.045
DLTA	2018	441,248,118	1,523,517,170	0.290
	2019	412,437,215	1,425,983,722	0.289
	2020	164,704,480	1,225,580,913	0.134
	2021	240,865,871	1,308,722,065	0.184
	2022	294,211,660	1,307,186,367	0.225
FOOD	2018	4,962,724,727	126,697,833,403	0.039
	2019	3,284,546,880	118,586,648,946	0.028
	2020	-8,832,558,145	113,192,236,191	-0.078
	2021	-10,126,414,796	106,495,352,963	-0.095
	2022	-17,069,136,369	102,297,196,494	-0.167
GOOD	2018	647,578,214,260	4,212,408,305,683	0.154
	2019	672,663,397,451	5,063,067,672,414	0.133
	2020	451,411,700,745	6,570,969,641,033	0.069
	2021	632,654,506,311	6,766,602,280,143	0.093
	2022	674,251,464,663	7,327,371,934,290	0.092
HOKI	2018	128,846,079,052	758,846,556,031	0.170
	2019	159,504,296,665	848,676,035,300	0.188
	2020	68,752,287,446	906,924,214,166	0.076
	2021	35,813,574,620	989,119,315,334	0.036
	2022	21,068,111,272	811,603,660,216	0.026
ICBP	2018	6,447,921	34,367,153	0.188
	2019	7,400,117	38,709,314	0.191
	2020	9,201,012	103,588,325	0.089
	2021	11,658,711	118,066,628	0.099
	2022	13,377,646	115,305,536	0.116
INDF	2018	9,143,020	96,537,796	0.095
	2019	9,831,024	96,198,559	0.102
	2020	12,889,087	163,136,516	0.079
	2021	16,882,324	179,356,193	0.094

	2022	19,693,110	180,433,300	0.109
KEJU	2018	95,986,781,449	536,474,210,503	0.179
	2019	136,949,170,761	666,313,386,673	0.206
	2020	154,218,330,546	674,806,910,037	0.229
	2021	183,170,597,779	767,726,284,113	0.239
	2022	150,389,911,968	860,100,358,989	0.175
MLBI	2018	1,654,797	2,889,501	0.573
	2019	1,644,594	2,896,950	0.568
	2020	432,848	2,907,425	0.149
	2021	890,752	2,922,017	0.305
	2022	1,257,384	3,374,502	0.373
MYOR	2018	2,627,892,008,006	17,591,706,426,634	0.149
	2019	3,172,264,551,034	19,037,918,806,473	0.167
	2020	2,830,928,194,155	19,777,500,514,550	0.143
	2021	1,772,315,914,155	19,917,663,265,528	0.089
	2022	2,433,114,641,701	22,276,160,595,411	0.109
PCAR	2018	-8,482,818,893	117,423,511,774	-0.072
	2019	-9,388,980,754	124,735,506,555	-0.075
	2020	-13,962,725,500	103,351,122,210	-0.135
	2021	3,027,431,497	108,995,625,626	0.028
	2022	7,151,768,453	102,809,758,188	0.070
ROTI	2018	194,414,713,941	4,393,810,380,883	0.044
	2019	356,929,646,877	4,682,083,844,951	0.076
	2020	255,296,143,146	4,452,166,671,985	0.057
	2021	409,672,487,176	4,191,284,422,677	0.098
	2022	638,295,747,892	4,130,321,616,083	0.155
SKBM	2018	46,038,083,536	1,771,365,972,009	0.026
	2019	47,598,667,064	1,820,383,352,811	0.026
	2020	47,420,936,407	1,768,660,546,754	0.027
	2021	84,814,486,135	1,970,428,120,056	0.043
	2022	154,981,710,643	2,042,199,577,083	0.076
STTP	2018	324,694,650,175	2,631,189,810,030	0.123
	2019	607,043,293,422	2,881,563,083,954	0.211
	2020	773,607,195,121	3,448,995,059,882	0.224
	2021	765,188,720,115	3,919,243,683,748	0.195
	2022	756,723,520,605	4,590,737,849,889	0.165
ULTJ	2018	892,565	5,555,871	0.161
	2019	1,264,394	6,608,422	0.191
	2020	1,364,261	8,754,116	0.156
	2021	1,627,958	7,406,856	0.220
	2022	1,302,854	7,376,375	0.177

PERHITUNGAN INFLASI

Tahun	<i>Cost Of Marketbasket in Given Year</i>	<i>Cost Of Marketbasket in Base Year</i>	Inflasi
2018	100	100	1
2019	962,19	100	9,622
2020	1.164,16	100	11,642
2021	1.183,74	100	11,837
2022	1.237,61	100	12,376

Sumber:bi.co.id (data diolah) 2023

PERHITUNGAN NILAI TUKAR

Tahun	Kur Jual	Kurs Beli	Kurs Tengah
2018	14.553	14.469	14.481
2019	13.970	13.831	13.901
2020	14.175	14.034	14.105
2021	14.340	14.197	14.269
2022	15.809	15.652	15.731

Sumber:bi.co.id (data diolah) 2023

PERHITUNGAN KEPEMILIKAN MANAJERIAL

Kode Saham	Tahun	Jml. Saham Manajemen	Jml. Saham Beredar	Jumlah
AISA	2018	300000	3218600000	0.000
	2019	300000	3218600000	0.000
	2020	0	9311800000	0.000
	2021	0	9311800000	0.000
	2022	0	9311800000	0.000
ALTO	2018	49,000,000	2,191,870,558	0.022
	2019	49,000,000	2,191,870,558	0.022
	2020	49,000,000	2,191,870,558	0.022
	2021	49,000,000	2,191,870,558	0.022
	2022	49,000,000	2,191,870,558	0.022
CAMP	2018	5,000,000,000	5,885,000,000	0.850
	2019	5,000,000,000	5,885,000,000	0.850
	2020	5,000,000,000	5,885,000,000	0.850
	2021	5,000,000,000	5,885,000,000	0.850
	2022	5,000,000,000	5,885,000,000	0.850
CEKA	2018	4,500,000	595,000,000	0.008
	2019	0	595,000,000	0.000
	2020	0	595,000,000	0.000
	2021	118,200	595,000,000	0.000
	2022	250,000	595,000,000	0.000
CLEO	2018	0	12,000,000,000	0.000
	2019	119,440,000	12,000,000,000	0.010
	2020	100,748,800	12,000,000,000	0.008
	2021	100,748,800	12,000,000,000	0.008
	2022	105,061,600	12,000,000,000	0.009
COCO	2018	0	340,000,000	0.000
	2019	0	560,242,105	0.000
	2020	0	560,284,938	0.000
	2021	0	889,863,981	0.000
	2022	0	889,863,981	0.000
DLTA	2018	0	800,659,050	0.000
	2019	0	800,659,050	0.000
	2020	0	800,659,050	0.000
	2021	0	800,659,050	0.000
	2022	0	800,659,050	0.000

FOOD	2018	1,000	500,000,000	0.000
	2019	1,000	650,000,000	0.000
	2020	1,000	650,000,000	0.000
	2021	1,000	650,000,000	0.000
	2022	1,000	650,000,000	0.000
GOOD	2018	824,107,001	6,616,739,001	0.125
	2019	731,609,001	7,379,580,291	0.099
	2020	752,102,701	7,379,580,291	0.102
	2021	3,742,513,505	36,897,901,455	0.101
	2022	3,380,727,450	36,897,901,455	0.092
HOKI	2018	35,717,472	2,374,834,620	0.015
	2019	35,717,472	2,378,405,500	0.015
	2020	35,817,472	2,419,438,170	0.015
	2021	145,269,888	9,677,752,680	0.015
	2022	147,694,888	9,677,752,680	0.015
ICBP	2018	2,270,230,000	11,661,908,000	0.195
	2019	2,270,230,000	11,661,908,000	0.195
	2020	2,270,230,000	11,661,908,000	0.195
	2021	2,270,230,000	11,661,908,000	0.195
	2022	2,270,230,000	11,661,908,000	0.195
INDF	2018	1,461,020	8,780,426,500	0.000
	2019	1,380,020	8,780,426,500	0.000
	2020	1,380,020	8,780,426,500	0.000
	2021	1,380,020	8,780,426,500	0.000
	2022	1,380,020	8,780,426,500	0.000
KEJU	2018	49,500	60,000	0.825
	2019	990,000,000	1,500,000,000	0.660
	2020	309,375,000	1,500,000,000	0.206
	2021	271,875,000	1,500,000,000	0.181
	2022	0	1,500,000,000	0.000
MLBI	2018	0	2,107,000,000	0.000
	2019	0	2,107,000,000	0.000
	2020	0	2,107,000,000	0.000
	2021	0	2,107,000,000	0.000
	2022	0	2,107,000,000	0.000
MYOR	2018	5,638,834,400	22,358,699,725	0.252
	2019	5,638,834,400	22,358,699,725	0.252
	2020	5,638,834,400	22,358,699,725	0.252
	2021	5,643,777,700	22,358,699,725	0.252
	2022	5,643,777,700	22,358,699,725	0.252
PCAR	2018	0	1,166,666,700	0.000
	2019	0	1,166,666,700	0.000
	2020	0	1,166,666,700	0.000
	2021	0	1,166,666,700	0.000

	2022	0	1,166,666,700	0.000
ROTI	2018	0	6,186,488,888	0.000
	2019	0	6,186,488,888	0.000
	2020	0	6,186,488,888	0.000
	2021	0	6,186,488,888	0.000
	2022	0	6,186,488,888	0.000
	SKBM	2018	38,304,991	1,726,003,217
2019		38,304,991	1,726,003,217	0.022
2020		38,304,991	1,726,003,217	0.022
2021		38,304,991	1,730,103,217	0.022
2022		39,624,185	1,730,103,217	0.023
STTP	2018	42,744,400	1,310,000,000	0.033
	2019	42,744,400	1,310,000,000	0.033
	2020	42,744,400	1,310,000,000	0.033
	2021	42,744,400	1,310,000,000	0.033
	2022	41,750,800	1,310,000,000	0.032
ULTJ	2018	3,986,948,900	11,553,528,000	0.345
	2019	4,160,913,460	11,553,528,000	0.360
	2020	5,565,634,360	11,553,528,000	0.482
	2021	5,598,964,960	11,553,528,000	0.485
	2022	5,632,527,360	11,553,528,000	0.488

PERHITUNGAN KEPEMILIKAN INSTITUSIONAL

Kode Saham	Tahun	Jml. Saham Institusi	Jml. Saham Beredar	Jumlah
AISA	2018	1232576612	3218600000	0.383
	2019	1240605712	3218600000	0.385
	2020	6093200000	9311800000	0.654
	2021	5923849517	9311800000	0.636
	2022	6803253672	9311800000	0.731
ALTO	2018	855,894,265	2,191,870,558	0.390
	2019	888,901,690	2,191,870,558	0.406
	2020	884,090,477	2,191,870,558	0.403
	2021	798,195,508	2,191,870,558	0.364
	2022	798,633,308	2,191,870,558	0.364
CAMP	2018	0	5,885,000,000	0.000
	2019	0	5,885,000,000	0.000
	2020	0	5,885,000,000	0.000
	2021	0	5,885,000,000	0.000
	2022	0	5,885,000,000	0.000

CEKA	2018	547,471,000	595,000,000	0.920
	2019	547,471,000	595,000,000	0.920
	2020	547,261,000	595,000,000	0.920
	2021	547,261,000	595,000,000	0.920
	2022	517,771,000	595,000,000	0.870
CLEO	2018	9,750,000,000	12,000,000,000	0.813
	2019	9,750,000,000	12,000,000,000	0.813
	2020	9,771,400,000	12,000,000,000	0.814
	2021	9,804,912,400	12,000,000,000	0.817
	2022	9,265,612,400	12,000,000,000	0.772
COCO	2018	340,000,000	340,000,000	1.000
	2019	340,000,000	560,242,105	0.607
	2020	297,602,173	560,284,938	0.531
	2021	378,980,123	889,863,981	0.426
	2022	592,106,387	889,863,981	0.665
DLTA	2018	653,907,150	800,659,050	0.817
	2019	677,261,850	800,659,050	0.846
	2020	677,261,850	800,659,050	0.846
	2021	677,261,850	800,659,050	0.846
	2022	677,261,850	800,659,050	0.846
FOOD	2018	499,999,000	500,000,000	1.000
	2019	499,999,000	650,000,000	0.769
	2020	499,999,000	650,000,000	0.769
	2021	499,999,000	650,000,000	0.769
	2022	499,999,000	650,000,000	0.769
GOOD	2018	1,768,416,000	6,616,739,001	0.267
	2019	2,899,148,390	7,379,580,291	0.393
	2020	2,869,215,490	7,379,580,291	0.389
	2021	14,621,137,550	36,897,901,455	0.396
	2022	18,673,163,905	36,897,901,455	0.506
HOKI	2018	1,571,428,570	2,374,834,620	0.662
	2019	1,571,428,570	2,378,405,500	0.661
	2020	1,571,428,570	2,419,438,170	0.650
	2021	6,285,714,280	9,677,752,680	0.650
	2022	6,285,714,280	9,677,752,680	0.650
ICBP	2018	9,391,678,000	11,661,908,000	0.805
	2019	9,391,678,000	11,661,908,000	0.805
	2020	9,391,678,000	11,661,908,000	0.805
	2021	9,391,678,000	11,661,908,000	0.805
	2022	9,391,678,000	11,661,908,000	0.805
INDF	2018	4,396,103,450	8,780,426,500	0.501
	2019	4,396,103,450	8,780,426,500	0.501
	2020	4,396,103,450	8,780,426,500	0.501
	2021	4,396,103,450	8,780,426,500	0.501

	2022	4,396,103,450	8,780,426,500	0.501
KEJU	2018	0	60,000	0.000
	2019	200,000,000	1,500,000,000	0.133
	2020	1,120,104,600	1,500,000,000	0.747
	2021	1,066,104,600	1,500,000,000	0.711
	2022	1,359,126,600	1,500,000,000	0.906
MLBI	2018	1,723,151,000	2,107,000,000	0.818
	2019	1,723,151,000	2,107,000,000	0.818
	2020	1,723,151,000	2,107,000,000	0.818
	2021	1,723,151,000	2,107,000,000	0.818
	2022	1,881,951,000	2,107,000,000	0.893
MYOR	2018	13,207,471,425	22,358,699,725	0.591
	2019	13,207,471,425	22,358,699,725	0.591
	2020	13,207,471,425	22,358,699,725	0.591
	2021	13,207,471,425	22,358,699,725	0.591
	2022	13,207,471,425	22,358,699,725	0.591
PCAR	2018	415,808,000	1,166,666,700	0.356
	2019	351,645,543	1,166,666,700	0.301
	2020	351,645,543	1,166,666,700	0.301
	2021	351,645,543	1,166,666,700	0.301
	2022	351,645,543	1,166,666,700	0.301
ROTI	2018	4,602,688,907	6,186,488,888	0.744
	2019	4,602,688,907	6,186,488,888	0.744
	2020	5,122,874,922	6,186,488,888	0.828
	2021	5,425,561,422	6,186,488,888	0.877
	2022	5,635,403,522	6,186,488,888	0.911
SKBM	2018	1,429,025,322	1,726,003,217	0.828
	2019	1,429,025,322	1,726,003,217	0.828
	2020	1,429,025,322	1,726,003,217	0.828
	2021	1,161,259,762	1,730,103,217	0.671
	2022	1,263,086,401	1,730,103,217	0.730
STTP	2018	743,600,500	1,310,000,000	0.568
	2019	743,600,500	1,310,000,000	0.568
	2020	743,600,500	1,310,000,000	0.568
	2021	743,600,500	1,310,000,000	0.568
	2022	743,600,500	1,310,000,000	0.568
ULTJ	2018	4,193,338,260	11,553,528,000	0.363
	2019	4,203,338,260	11,553,528,000	0.364
	2020	3,627,657,060	11,553,528,000	0.314
	2021	3,627,657,060	11,553,528,000	0.314
	2022	3,627,657,060	11,553,528,000	0.314

PERHITUNGAN ALTMAN

Working Capital To Total Assets

Kode Saham	Tahun	<i>Current Assets</i>	<i>Current Liabilities</i>	<i>Total Assets</i>	Hasil
AISA	2018	788973	5177830	1816406	-2.416
	2019	474261	1152932	1868966	-0.363
	2020	695360	855449	2011557	-0.080
	2021	432800	720020	1761634	-0.163
	2022	558960	827907	1826350	-0.147
ALTO	2018	188,531,394,038	246,962,435,572	1,109,843,522,344	-0.053
	2019	176,818,868,579	200,070,083,238	1,103,450,087,164	-0.021
	2020	192,738,872,245	232,807,819,931	1,105,874,415,256	-0.036
	2021	189,509,211,466	232,428,387,396	1,089,208,965,375	-0.039
	2022	152,626,394,141	187,318,300,982	1,023,323,308,935	-0.034
CAMP	2018	664,681,699,769	61,322,975,128	1,004,275,813,783	0.601
	2019	723,916,345,285	57,300,411,135	1,057,529,235,985	0.630
	2020	751,789,918,087	56,665,064,940	1,086,873,666,641	0.640
	2021	856,198,582,426	64,332,022,572	1,147,260,611,703	0.690
	2022	772,685,806,645	72,411,790,397	1,074,777,460,412	0.652
CEKA	2018	809,166,450,672	158,255,592,250	1,168,956,042,706	0.557
	2019	1,067,652,078,121	222,440,530,626	1,393,079,542,074	0.607
	2020	1,266,586,465,994	271,641,005,590	1,566,673,828,068	0.635
	2021	1,358,085,356,038	283,104,828,760	1,697,387,196,209	0.633
	2022	1,383,998,340,429	139,037,021,213	1,718,287,453,575	0.725
CLEO	2018	198,544,322,066	121,061,155,519	833,933,861,594	0.093
	2019	240,755,729,131	204,953,165,337	1,245,144,303,719	0.029
	2020	254,187,665,140	147,545,013,406	1,310,940,121,622	0.081
	2021	279,804,122,714	182,882,815,706	1,348,181,576,913	0.072
	2022	380,268,816,727	209,828,541,579	1,693,523,611,414	0.101
COCO	2018	89,464,521,517	101,161,992,091	162,749,739,566	-0.072
	2019	145,913,697,234	124,836,918,044	250,442,587,742	0.084
	2020	161,986,171,773	135,290,031,399	263,754,414,443	0.101
	2021	273,848,147,193	140,133,633,808	370,684,311,428	0.361
	2022	284,173,876,309	146,027,758,905	485,054,412,584	0.285
DLTA	2018	1,384,227,944	192,299,843	1,523,517,170	0.782
	2019	1,292,805,083	160,587,363	1,425,983,722	0.794
	2020	1,103,831,856	147,207,676	1,225,580,913	0.781
	2021	1,174,393,432	244,206,806	1,308,722,065	0.711
	2022	1,165,412,820	255,354,186	1,307,186,367	0.696

FOOD	2018	43,059,035,473	56,440,246,530	126,697,833,403	-0.106
	2019	39,436,012,770	34,921,473,609	118,586,648,946	0.038
	2020	30,018,199,981	40,180,201,199	113,192,236,191	-0.090
	2021	28,220,720,064	50,340,517,198	106,495,352,963	-0.208
	2022	27,248,456,331	49,827,290,693	102,297,196,494	-0.221
GOOD	2018	1,570,545,769,306	1,328,163,043,500	4,212,408,305,683	0.058
	2019	1,999,886,108,743	1,303,881,731,637	5,063,067,672,414	0.137
	2020	2,314,323,530,275	1,321,529,767,664	6,570,969,641,033	0.151
	2021	2,613,436,417,820	1,771,339,531,925	6,766,602,280,143	0.124
	2022	3,194,327,374,948	1,835,096,804,319	7,327,371,934,290	0.186
HOKI	2018	490,747,589,782	183,224,424,681	758,846,556,031	0.405
	2019	483,422,211,591	161,901,915,986	848,676,035,300	0.379
	2020	423,486,192,138	188,719,266,211	906,924,214,166	0.259
	2021	450,325,961,390	280,958,063,589	989,119,315,334	0.171
	2022	389,697,575,028	119,206,775,342	811,603,660,216	0.333
ICBP	2018	14,121,568	7,235,398	34,367,153	0.200
	2019	16,624,925	6,556,359	38,709,314	0.260
	2020	20,716,223	9,176,164	103,588,325	0.111
	2021	33,997,637	18,896,133	118,066,628	0.128
	2022	31,070,365	10,033,935	115,305,536	0.182
INDF	2018	33,272,618	31,204,102	96,537,796	0.021
	2019	31,403,445	24,686,862	96,198,559	0.070
	2020	38,418,238	27,975,875	163,136,516	0.064
	2021	54,183,399	40,403,404	179,356,193	0.077
	2022	54,876,668	30,725,942	180,433,300	0.134
KEJU	2018	322,856,090,927	141,578,380,451	536,474,210,503	0.338
	2019	498,883,575,576	201,269,847,299	666,313,386,673	0.447
	2020	500,560,734,326	197,366,118,342	674,806,910,037	0.449
	2021	497,681,274,294	176,772,189,231	767,726,284,113	0.418
	2022	641,093,981,245	153,894,624,540	860,100,358,989	0.566
MLBI	2018	1,228,961	1,578,919	2,889,501	-0.121
	2019	1,162,802	1,588,693	2,896,950	-0.147
	2020	1,189,261	1,338,441	2,907,425	-0.051
	2021	1,241,112	1,682,700	2,922,017	-0.151
	2022	1,649,257	2,154,777	3,374,502	-0.150
MYOR	2018	12,647,858,727,872	4,764,510,387,113	17,591,706,426,634	0.448
	2019	12,776,102,781,513	3,726,359,539,201	19,037,918,806,473	0.475
	2020	12,838,729,162,094	3,475,323,711,943	19,777,500,514,550	0.473
	2021	12,969,783,874,643	5,570,773,468,770	19,917,663,265,528	0.371
	2022	14,772,623,976,128	5,636,627,301,308	22,276,160,595,411	0.410
PCAR	2018	86,383,519,237	23,934,318,332	117,423,511,774	0.532
	2019	81,197,082,570	33,133,870,056	124,735,506,555	0.385
	2020	64,192,318,245	21,624,939,963	103,351,122,210	0.412
	2021	64,337,480,157	28,202,878,644	108,995,625,626	0.332

	2022	55,296,068,186	23,290,157,438	102,809,758,188	0.311
ROTI	2018	1,876,409,299,238	525,422,150,049	4,393,810,380,883	0.307
	2019	1,874,411,044,438	1,106,938,318,565	4,682,083,844,951	0.164
	2020	1,549,617,329,468	404,567,270,700	4,452,166,671,985	0.257
	2021	1,282,057,210,341	483,213,195,704	4,191,284,422,677	0.191
	2022	1,285,672,230,703	612,417,576,293	4,130,321,616,083	0.163
SKBM	2018	851,410,216,636	615,506,825,729	1,771,365,972,009	0.133
	2019	889,743,651,128	668,931,501,885	1,820,383,352,811	0.121
	2020	953,792,483,691	701,020,837,232	1,768,660,546,754	0.143
	2021	1,158,132,110,148	883,202,660,221	1,970,428,120,056	0.140
	2022	1,263,255,237,692	875,853,096,624	2,042,199,577,083	0.190
STTP	2018	1,250,806,822,918	676,673,564,908	2,631,189,810,030	0.218
	2019	1,165,406,301,686	408,490,550,651	2,881,563,083,954	0.263
	2020	1,505,872,822,478	626,131,203,549	3,448,995,059,882	0.255
	2021	1,979,855,004,312	475,372,154,415	3,919,243,683,748	0.384
	2022	2,575,390,271,556	530,693,880,588	4,590,737,849,889	0.445
ULTJ	2018	2,793,521	635,161	5,555,871	0.388
	2019	3,716,641	836,314	6,608,422	0.436
	2020	5,593,421	2,327,339	8,754,116	0.373
	2021	4,844,821	1,556,539	7,406,856	0.444
	2022	4,618,390	1,456,898	7,376,375	0.429

Retained Earning To Total Assets

Kode Saham	Tahun	Retained Earning	Total Assets	Hasil
AISA	2018	1455091	1816406	0.801
	2019	1455091	1868966	0.779
	2020	1515597	2011557	0.753
	2021	1515597	1761634	0.860
	2022	1515597	1826350	0.830
ALTO	2018	-141,710,959,909	1,109,843,522,344	-0.128
	2019	-148,755,029,525	1,103,450,087,164	-0.135
	2020	-159,235,261,920	1,105,874,415,256	-0.144
	2021	-168,134,716,656	1,089,208,965,375	-0.154
	2022	-184,186,735,444	1,023,323,308,935	-0.180
CAMP	2018	96,683,674,317	1,004,275,813,783	0.096
	2019	141,726,337,170	1,057,529,235,985	0.134
	2020	174,073,587,853	1,086,873,666,641	0.160
	2021	230,094,374,631	1,147,260,611,703	0.201
	2022	124,910,952,844	1,074,777,460,412	0.116

CEKA	2018	713,282,345,064	1,168,956,042,706	0.610
	2019	868,741,545,306	1,393,079,542,074	0.624
	2020	990,554,139,298	1,566,673,828,068	0.632
	2021	1,117,621,129,383	1,697,387,196,209	0.658
	2022	1,278,325,672,455	1,718,287,453,575	0.744
CLEO	2018	133,616,251,059	833,933,861,594	0.160
	2019	261,480,124,256	1,245,144,303,719	0.210
	2020	391,629,022,761	1,310,940,121,622	0.299
	2021	513,387,182,577	1,348,181,576,913	0.381
	2022	695,958,152,557	1,693,523,611,414	0.411
COCO	2018	5,577,207,954	162,749,739,566	0.034
	2019	13,433,916,175	250,442,587,742	0.054
	2020	16,172,044,823	263,754,414,443	0.061
	2021	24,704,676,531	370,684,311,428	0.067
	2022	31,325,109,227	485,054,412,584	0.065
DLTA	2018	1,245,000,457	1,523,517,170	0.817
	2019	1,174,483,602	1,425,983,722	0.824
	2020	981,390,866	1,225,580,913	0.801
	2021	971,721,552	1,308,722,065	0.742
	2022	962,466,254	1,307,186,367	0.736
FOOD	2018	803,479,493	126,697,833,403	0.006
	2019	2,175,797,266	118,586,648,946	0.018
	2020	-13,036,462,974	113,192,236,191	-0.115
	2021	-25,791,637,340	106,495,352,963	-0.242
	2022	-44,795,409,481	102,297,196,494	-0.438
GOOD	2018	743,914,402,058	4,212,408,305,683	0.177
	2019	1,030,320,940,159	5,063,067,672,414	0.203
	2020	1,073,643,431,337	6,570,969,641,033	0.163
	2021	1,364,546,118,279	6,766,602,280,143	0.202
	2022	1,614,260,960,871	7,327,371,934,290	0.220
HOKI	2018	178,718,030,931	758,846,556,031	0.236
	2019	255,749,083,500	848,676,035,300	0.301
	2020	261,931,338,569	906,924,214,166	0.289
	2021	268,202,435,517	989,119,315,334	0.271
	2022	265,931,060,025	811,603,660,216	0.328
ICBP	2018	14,989,629	34,367,153	0.436
	2019	18,450,204	38,709,314	0.477
	2020	22,526,202	103,588,325	0.217
	2021	26,862,455	118,066,628	0.228
	2022	29,282,631	115,305,536	0.254
INDF	2018	23,193,960	96,537,796	0.240
	2019	26,664,999	96,198,559	0.277
	2020	30,995,800	163,136,516	0.190
	2021	36,730,458	179,356,193	0.205

	2022	41,168,161	180,433,300	0.228
KEJU	2018	312,945,421,052	536,474,210,503	0.583
	2019	153,715,309,417	666,313,386,673	0.231
	2020	139,074,860,071	674,806,910,037	0.206
	2021	282,775,129,039	767,726,284,113	0.368
	2022	400,145,879,422	860,100,358,989	0.465
MLBI	2018	1,144,268	2,889,501	0.396
	2019	1,122,644	2,896,950	0.388
	2020	1,410,082	2,907,425	0.485
	2021	1,075,743	2,922,017	0.368
	2022	1,049,739	3,374,502	0.311
MYOR	2018	7,857,855,271,848	17,591,706,426,634	0.447
	2019	9,174,327,921,684	19,037,918,806,473	0.482
	2020	10,524,377,924,687	19,777,500,514,550	0.532
	2021	10,634,916,958,291	19,917,663,265,528	0.534
	2022	12,136,012,917,053	22,276,160,595,411	0.545
PCAR	2018	-45,470,030,757	117,423,511,774	-0.387
	2019	-49,641,905,008	124,735,506,555	-0.398
	2020	-70,193,833,779	103,351,122,210	-0.679
	2021	-68,861,576,893	108,995,625,626	-0.632
	2022	-72,696,174,197	102,809,758,188	-0.707
ROTI	2018	1,327,358,114,301	4,393,810,380,883	0.302
	2019	1,553,296,764,733	4,682,083,844,951	0.332
	2020	1,603,500,624,903	4,452,166,671,985	0.360
	2021	1,596,234,910,767	4,191,284,422,677	0.381
	2022	1,698,537,203,130	4,130,321,616,083	0.411
SKBM	2018	230,381,622,237	1,771,365,972,009	0.130
	2019	234,658,202,551	1,820,383,352,811	0.129
	2020	232,076,967,769	1,768,660,546,754	0.131
	2021	261,021,339,403	1,970,428,120,056	0.132
	2022	341,007,957,874	2,042,199,577,083	0.167
STTP	2018	1,502,876,626,810	2,631,189,810,030	0.571
	2019	1,985,498,393,789	2,881,563,083,954	0.689
	2020	2,514,055,848,672	3,448,995,059,882	0.729
	2021	3,131,561,870,573	3,919,243,683,748	0.799
	2022	3,756,039,292,165	4,590,737,849,889	0.818
ULTJ	2018	3,914,010	5,555,871	0.704
	2019	4,807,645	6,608,422	0.728
	2020	5,772,749	8,754,116	0.659
	2021	6,160,568	7,406,856	0.832
	2022	6,861,400	7,376,375	0.930

Earnings Before Interest and Taxes To Total Assets

Kode Saham	Tahun	EBIT	Total Assets	Hasil
AISA	2018	-9245	1816406	-0.005
	2019	1486863	1868966	0.796
	2020	2131973	2011557	1.060
	2021	53925	1761634	0.031
	2022	-27512	1826350	-0.015
ALTO	2018	-22,940,498,933	1,109,843,522,344	-0.021
	2019	-5,579,723,214	1,103,450,087,164	-0.005
	2020	212,496,606	1,105,874,415,256	0.000
	2021	4,849,126,735	1,089,208,965,375	0.004
	2022	3,860,734,733	1,023,323,308,935	0.004
CAMP	2018	86,811,786,458	1,004,275,813,783	0.086
	2019	90,901,916,541	1,057,529,235,985	0.086
	2020	48,759,784,747	1,086,873,666,641	0.045
	2021	118,449,234,899	1,147,260,611,703	0.103
	2022	147,206,245,389	1,074,777,460,412	0.137
CEKA	2018	136,839,635,762	1,168,956,042,706	0.117
	2019	274,640,420,999	1,393,079,542,074	0.197
	2020	207,543,083,141	1,566,673,828,068	0.132
	2021	227,163,546,573	1,697,387,196,209	0.134
	2022	282,224,281,647	1,718,287,453,575	0.164
CLEO	2018	81,834,159,473	833,933,861,594	0.098
	2019	172,667,589,552	1,245,144,303,719	0.139
	2020	168,964,556,985	1,310,940,121,622	0.129
	2021	230,343,242,053	1,348,181,576,913	0.171
	2022	249,231,376,669	1,693,523,611,414	0.147
COCO	2018	15,666,517,069	162,749,739,566	0.096
	2019	23,454,240,953	250,442,587,742	0.094
	2020	16,085,021,916	263,754,414,443	0.061
	2021	24,873,612,788	370,684,311,428	0.067
	2022	21,957,861,992	485,054,412,584	0.045
DLTA	2018	441,248,118	1,523,517,170	0.290
	2019	412,437,215	1,425,983,722	0.289
	2020	164,704,480	1,225,580,913	0.134
	2021	240,865,871	1,308,722,065	0.184
	2022	294,211,660	1,307,186,367	0.225

FOOD	2018	4,962,724,727	126,697,833,403	0.039
	2019	3,284,546,880	118,586,648,946	0.028
	2020	-8,832,558,145	113,192,236,191	-0.078
	2021	-10,126,414,796	106,495,352,963	-0.095
	2022	-17,069,136,369	102,297,196,494	-0.167
GOOD	2018	647,578,214,260	4,212,408,305,683	0.154
	2019	672,663,397,451	5,063,067,672,414	0.133
	2020	451,411,700,745	6,570,969,641,033	0.069
	2021	632,654,506,311	6,766,602,280,143	0.093
	2022	674,251,464,663	7,327,371,934,290	0.092
HOKI	2018	128,846,079,052	758,846,556,031	0.170
	2019	159,504,296,665	848,676,035,300	0.188
	2020	68,752,287,446	906,924,214,166	0.076
	2021	35,813,574,620	989,119,315,334	0.036
	2022	21,068,111,272	811,603,660,216	0.026
ICBP	2018	6,447,921	34,367,153	0.188
	2019	7,400,117	38,709,314	0.191
	2020	9,201,012	103,588,325	0.089
	2021	11,658,711	118,066,628	0.099
	2022	13,377,646	115,305,536	0.116
INDF	2018	9,143,020	96,537,796	0.095
	2019	9,831,024	96,198,559	0.102
	2020	12,889,087	163,136,516	0.079
	2021	16,882,324	179,356,193	0.094
	2022	19,693,110	180,433,300	0.109
KEJU	2018	95,986,781,449	536,474,210,503	0.179
	2019	136,949,170,761	666,313,386,673	0.206
	2020	154,218,330,546	674,806,910,037	0.229
	2021	183,170,597,779	767,726,284,113	0.239
	2022	150,389,911,968	860,100,358,989	0.175
MLBI	2018	1,654,797	2,889,501	0.573
	2019	1,644,594	2,896,950	0.568
	2020	432,848	2,907,425	0.149
	2021	890,752	2,922,017	0.305
	2022	1,257,384	3,374,502	0.373
MYOR	2018	2,627,892,008,006	17,591,706,426,634	0.149
	2019	3,172,264,551,034	19,037,918,806,473	0.167
	2020	2,830,928,194,155	19,777,500,514,550	0.143
	2021	1,772,315,914,155	19,917,663,265,528	0.089
	2022	2,433,114,641,701	22,276,160,595,411	0.109
PCAR	2018	-8,482,818,893	117,423,511,774	-0.072
	2019	-9,388,980,754	124,735,506,555	-0.075
	2020	-13,962,725,500	103,351,122,210	-0.135
	2021	3,027,431,497	108,995,625,626	0.028

	2022	7,151,768,453	102,809,758,188	0.070
ROTI	2018	194,414,713,941	4,393,810,380,883	0.044
	2019	356,929,646,877	4,682,083,844,951	0.076
	2020	255,296,143,146	4,452,166,671,985	0.057
	2021	409,672,487,176	4,191,284,422,677	0.098
	2022	638,295,747,892	4,130,321,616,083	0.155
SKBM	2018	46,038,083,536	1,771,365,972,009	0.026
	2019	47,598,667,064	1,820,383,352,811	0.026
	2020	47,420,936,407	1,768,660,546,754	0.027
	2021	84,814,486,135	1,970,428,120,056	0.043
	2022	154,981,710,643	2,042,199,577,083	0.076
STTP	2018	324,694,650,175	2,631,189,810,030	0.123
	2019	607,043,293,422	2,881,563,083,954	0.211
	2020	773,607,195,121	3,448,995,059,882	0.224
	2021	765,188,720,115	3,919,243,683,748	0.195
	2022	756,723,520,605	4,590,737,849,889	0.165
ULTJ	2018	892,565	5,555,871	0.161
	2019	1,264,394	6,608,422	0.191
	2020	1,364,261	8,754,116	0.156
	2021	1,627,958	7,406,856	0.220
	2022	1,302,854	7,376,375	0.177

Book Value Of Equity To Total Liabilities

Kode Saham	Tahun	<i>Book Value Of Equity</i>	<i>Total Liabilities</i>	Hasil
AISA	2018	-3460942	5267348	-0.657
	2019	-1867863	3526819	-0.530
	2020	828257	1183300	0.700
	2021	818890	942744	0.869
	2022	777861	1048489	0.742
ALTO	2018	387,126,677,545	722,716,844,799	0.536
	2019	380,730,523,614	722,719,563,550	0.527
	2020	372,883,080,340	732,991,334,916	0.509
	2021	363,835,661,084	725,373,304,291	0.502
	2022	348,916,160,333	674,407,148,602	0.517
CAMP	2018	885,422,598,655	118,853,215,128	7.450
	2019	935,392,483,850	122,136,752,135	7.659
	2020	961,711,929,701	125,161,736,940	7.684
	2021	1,022,814,971,131	124,445,640,572	8.219
	2022	941,454,031,015	133,323,429,397	7.061

CEKA	2018	976,647,575,842	192,308,466,864	5.079
	2019	1,131,294,696,834	261,784,845,240	4.321
	2020	1,260,714,994,864	305,958,833,204	4.121
	2021	1,387,366,962,835	310,020,233,374	4.475
	2022	1,550,042,869,748	168,244,583,827	9.213
CLEO	2018	635,478,469,892	198,455,391,702	3.202
	2019	766,299,436,026	478,844,867,693	1.600
	2020	894,746,110,680	416,194,010,942	2.150
	2021	1,001,579,893,307	346,601,683,606	2.890
	2022	1,185,150,863,287	508,372,748,127	2.331
COCO	2018	50,216,465,430	112,533,274,136	0.446
	2019	109,361,193,193	141,081,394,549	0.775
	2020	112,068,982,561	151,685,431,882	0.739
	2021	218,832,136,935	151,852,174,493	1.441
	2022	204,293,087,838	280,761,324,746	0.728
DLTA	2018	1,284,163,814	239,353,356	5.365
	2019	1,213,563,332	212,420,390	5.713
	2020	1,019,898,963	205,681,950	4.959
	2021	1,010,174,017	298,548,048	3.384
	2022	1,000,775,865	306,410,502	3.266
FOOD	2018	54,969,911,530	71,727,921,873	0.766
	2019	74,051,619,874	44,535,029,072	1.663
	2020	56,241,516,258	56,950,719,933	0.988
	2021	43,740,688,728	62,754,664,235	0.697
	2022	41,655,447,592	60,641,748,902	0.687
GOOD	2018	2,489,408,476,680	1,722,999,829,003	1.445
	2019	2,765,520,764,915	2,297,546,907,499	1.204
	2020	2,894,436,789,153	3,676,532,851,880	0.787
	2021	3,030,658,030,412	3,735,944,249,731	0.811
	2022	3,351,444,502,184	3,975,927,432,106	0.843
HOKI	2018	563,167,578,239	195,678,977,792	2.878
	2019	641,567,444,819	207,108,590,481	3.098
	2020	662,560,916,609	244,363,297,557	2.711
	2021	668,660,599,446	320,458,715,888	2.087
	2022	668,859,547,083	142,744,113,133	4.686
ICBP	2018	22,707,150	11,660,003	1.947
	2019	26,671,104	12,038,210	2.216
	2020	50,318,053	53,270,272	0.945
	2021	54,723,863	63,342,765	0.864
	2022	57,473,007	57,832,529	0.994
INDF	2018	49,916,800	46,620,996	1.071
	2019	54,202,488	41,996,071	1.291
	2020	79,138,044	83,998,472	0.942
	2021	86,632,111	92,724,082	0.934

	2022	93,623,038	86,810,262	1.078
KEJU	2018	374,784,906,962	161,689,303,541	2.318
	2019	435,693,976,887	230,619,409,786	1.889
	2020	440,900,964,118	233,905,945,919	1.885
	2021	585,825,528,987	181,900,755,126	3.221
	2022	703,505,819,337	156,594,539,652	4.493
MLBI	2018	1,167,536	1,721,965	0.678
	2019	1,146,007	1,750,943	0.655
	2020	1,433,406	1,474,019	0.972
	2021	1,099,157	1,822,860	0.603
	2022	1,073,275	2,301,227	0.466
MYOR	2018	8,542,544,481,694	9,049,161,944,940	0.944
	2019	9,899,940,195,318	9,137,978,611,155	1.083
	2020	11,271,468,049,958	8,506,032,464,592	1.325
	2021	11,360,031,396,135	8,557,621,869,393	1.327
	2022	12,834,694,090,515	9,441,466,604,896	1.359
PCAR	2018	88,450,301,317	28,973,210,457	3.053
	2019	84,232,092,403	40,503,414,153	2.080
	2020	63,670,233,322	39,680,888,888	1.605
	2021	65,022,002,999	43,973,622,627	1.479
	2022	61,178,353,928	41,631,404,260	1.470
ROTI	2018	2,916,901,120,111	1,476,909,260,772	1.975
	2019	3,092,597,379,097	1,589,486,465,854	1.946
	2020	3,227,671,047,731	1,224,495,624,254	2.636
	2021	2,849,419,530,726	1,341,864,891,951	2.123
	2022	2,681,158,538,764	1,449,163,077,319	1.850
SKBM	2018	1,040,576,552,571	730,789,419,438	1.424
	2019	1,035,820,381,000	784,562,971,811	1.320
	2020	961,981,659,335	806,678,887,419	1.193
	2021	992,485,493,010	977,942,627,046	1.015
	2022	1,073,965,710,489	968,233,866,594	1.109
STTP	2018	1,646,387,946,952	984,801,863,078	1.672
	2019	2,148,007,007,980	733,556,075,974	2.928
	2020	2,673,298,199,144	775,696,860,738	3.446
	2021	3,300,848,622,529	618,395,061,219	5.338
	2022	3,928,398,773,915	662,339,075,974	5.931
ULTJ	2018	4,774,956	780,915	6.115
	2019	5,655,139	953,283	5.932
	2020	4,781,737	3,972,379	1.204
	2021	5,138,126	2,268,730	2.265
	2022	5,822,679	1,553,696	3.748

PERHITUNGAN ALTMAN Z_SCORE

Kode Saham	Tahun	6.56	3.26	6.72	1.05	Z-Score
AISA	2018	-15.850	2.612	-0.034	-0.690	-13.963
	2019	-2.382	2.538	5.346	-0.556	4.946
	2020	-0.522	2.456	7.122	0.735	9.791
	2021	-1.070	2.805	0.206	0.912	2.853
	2022	-0.966	2.705	-0.101	0.779	2.417
ALTO	2018	-0.345	-0.416	-0.139	0.562	-0.338
	2019	-0.138	-0.439	-0.034	0.553	-0.059
	2020	-0.238	-0.469	0.001	0.534	-0.172
	2021	-0.258	-0.503	0.030	0.527	-0.205
	2022	-0.222	-0.587	0.025	0.543	-0.241
CAMP	2018	3.941	0.314	0.581	7.822	12.658
	2019	4.135	0.437	0.578	8.041	13.191
	2020	4.196	0.522	0.301	8.068	13.087
	2021	4.528	0.654	0.694	8.630	14.505
	2022	4.274	0.379	0.920	7.415	12.988
CEKA	2018	3.653	1.989	0.787	5.332	11.761
	2019	3.980	2.033	1.325	4.538	11.875
	2020	4.166	2.061	0.890	4.327	11.444
	2021	4.155	2.147	0.899	4.699	11.899
	2022	4.753	2.425	1.104	9.674	17.956
CLEO	2018	0.610	0.522	0.659	3.362	5.154
	2019	0.189	0.685	0.932	1.680	3.485
	2020	0.534	0.974	0.866	2.257	4.631
	2021	0.472	1.241	1.148	3.034	5.895
	2022	0.660	1.340	0.989	2.448	5.437
COCO	2018	-0.471	0.112	0.647	0.469	0.756
	2019	0.552	0.175	0.629	0.814	2.170
	2020	0.664	0.200	0.410	0.776	2.049
	2021	2.366	0.217	0.451	1.513	4.548
	2022	1.868	0.211	0.304	0.764	3.147
DLTA	2018	5.132	2.664	1.946	5.633	15.376
	2019	5.209	2.685	1.944	5.999	15.836
	2020	5.120	2.610	0.903	5.207	13.841
	2021	4.663	2.421	1.237	3.553	11.873
	2022	4.567	2.400	1.512	3.429	11.909
FOOD	2018	-0.693	0.021	0.263	0.805	0.396
	2019	0.250	0.060	0.186	1.746	2.242
	2020	-0.589	-0.375	-0.524	1.037	-0.452
	2021	-1.363	-0.790	-0.639	0.732	-2.059
	2022	-1.448	-1.428	-1.121	0.721	-3.275

GOOD	2018	0.377	0.576	1.033	1.517	3.503
	2019	0.902	0.663	0.893	1.264	3.722
	2020	0.991	0.533	0.462	0.827	2.812
	2021	0.816	0.657	0.628	0.852	2.954
	2022	0.186	0.718	0.618	0.885	2.407
HOKI	2018	2.658	0.768	1.141	3.022	7.589
	2019	2.485	0.982	1.263	3.253	7.983
	2020	1.698	0.942	0.509	2.847	5.996
	2021	1.123	0.884	0.243	2.191	4.441
	2022	2.186	1.068	0.174	4.920	8.349
ICBP	2018	1.314	1.422	1.261	2.045	6.042
	2019	1.706	1.554	1.285	2.326	6.871
	2020	0.731	0.709	0.597	0.992	3.028
	2021	0.839	0.742	0.664	0.907	3.151
	2022	1.197	0.828	0.780	1.043	3.848
INDF	2018	0.141	0.783	0.636	1.124	2.684
	2019	0.458	0.904	0.687	1.355	3.404
	2020	0.420	0.619	0.531	0.989	2.559
	2021	0.504	0.668	0.633	0.981	2.785
	2022	0.878	0.744	0.733	1.132	3.488
KEJU	2018	2.217	1.902	1.202	2.318	7.639
	2019	2.930	0.752	1.381	1.984	7.047
	2020	2.947	0.672	1.536	1.979	7.134
	2021	2.742	1.201	1.603	3.382	8.928
	2022	3.716	1.517	1.175	4.717	11.125
MLBI	2018	-0.795	1.291	3.848	0.712	5.057
	2019	-0.964	1.263	3.815	0.687	4.801
	2020	-0.337	1.581	1.000	1.021	3.266
	2021	-0.991	1.200	2.049	0.633	2.890
	2022	-0.983	1.014	2.504	0.490	3.025
MYOR	2018	2.940	1.456	1.004	0.991	6.391
	2019	3.118	1.571	1.120	1.138	6.947
	2020	3.106	1.735	0.962	1.391	7.194
	2021	2.437	1.741	0.598	1.394	6.169
	2022	2.690	1.776	0.734	1.427	6.628
PCAR	2018	3.489	-1.262	-0.485	3.205	4.946
	2019	2.528	-1.297	-0.506	2.184	2.908
	2020	2.702	-2.214	-0.908	1.685	1.265
	2021	2.175	-2.060	0.187	1.553	1.854
	2022	2.042	-2.305	0.467	1.543	1.748
ROTI	2018	2.017	0.985	0.297	2.074	5.373
	2019	1.075	1.082	0.512	2.043	4.712
	2020	1.687	1.174	0.385	2.768	6.014
	2021	1.250	1.242	0.657	2.230	5.378

	2022	1.069	1.341	1.039	1.943	5.391
SKBM	2018	0.874	0.424	0.175	1.495	2.967
	2019	0.796	0.420	0.176	1.386	2.778
	2020	0.938	0.428	0.180	1.252	2.798
	2021	0.915	0.432	0.289	1.066	2.702
	2022	1.244	0.544	0.510	1.165	3.463
STTP	2018	1.431	1.862	0.829	1.755	5.878
	2019	1.723	2.246	1.416	3.075	8.460
	2020	1.673	2.376	1.507	3.619	9.175
	2021	2.518	2.605	1.312	5.605	12.040
	2022	2.922	2.667	1.108	6.228	12.924
ULTJ	2018	2.548	2.297	1.080	6.420	12.345
	2019	2.859	2.372	1.286	6.229	12.746
	2020	2.447	2.150	1.047	1.264	6.908
	2021	2.912	2.711	1.477	2.378	9.479
	2022	2.812	3.032	1.187	3.935	10.966