

LAMPIRAN

LAMPIRAN 1

Daftar perusahaan manufaktur yang digunakan sebagai sampel

NO	KODE	Nama Perusahaan
1	AISA	Tiga Pilar Sejahtera Food Tbk
2	AKPI	Argha Karya Prima Industry Tbk
3	ALDO	Alkindo Naratama Tbk
4	ALMI	Alumindo Light Metal Industry Tbk
5	AMFG	Asahimas Flat Glass Tbk
6	ARNA	Arwana Citra Mulia Tbk
7	ASII	Astra International Tbk
8	AUTO	Astra Auto Part Tbk
9	BATA	Sepatu Bata Tbk
10	BOLT	Garuda Metalindo Tbk
11	BUDI	Budi Acid Jaya Tbk
12	CEKA	Cahaya Kalbar Tbk
13	CINT	Chitose International Tbk
14	CPIN	Charoen Pokphand Indonesia Tbk
15	DLTA	Delta Djakarta Tbk
16	DVLA	Darya Varia Laboratoria Tbk
17	EKAD	Ekadharma International Tbk
18	FASW	Fajar Surya Wisesa tbk
19	GGRM	Gudang Garam Tbk
20	GJTL	Gajah Tunggal Tbk
21	HMSP	Hanjaya Mandala Sampoerna Tbk
22	ICBP	Indofood CBP Sukses Makmur Tbk
23	IGAR	Champion Pasific Indonesia Tbk
24	IMAS	Indomobil Sukses International Tbk
25	IMPC	Impack Pratama Industry Tbk
26	INCI	Intan Wijaya International Tbk
27	INDF	Indofood Sukses Makmur Tbk
28	INDS	Indospring Tbk
29	INTP	Indocement Tunggal Prakasa Tbk
30	JECC	Jembo Cable Company Tbk
31	JPFA	Japfa Comfeed Indonesia Tbk

32	KAEF	Kimia Farma Tbk
33	KBLI	KMI Wire and Cable Tbk
34	KBLM	Kabelindo Murni Tbk
35	KIAS	Keramika Indonesia Assosiasi Tbk
36	KINO	Kino Indonesia Tbk
37	KLBF	Kalbe Farma Tbk
38	LION	Lion Metal Works Tbk
39	MAIN	Malindo Feedmill Tbk
40	MERK	Merck Tbk
41	MLBI	Multi Bintang Indonesia Tbk
42	MYOR	Mayora Indah Tbk
43	RICY	Ricky Putra Globalindo Tbk
44	ROTI	Nippon Indosari Corporindo Tbk
45	SCCO	Supreme Cable Manufacturing and Commerce Tbk
46	SIDO	Industri Jamu dan Farmasi Sido Muncul Tbk
47	SKBM	Sekar Bumi Tbk
48	SKLT	Sekar Laut Tbk
49	SMBR	Semen Baturaja Persero Tbk
50	SMCB	Holcim Indonesia Tbk d.h Semen Cibinong Tbk
51	SMGR	Semen Indonesia Tbk d.h Semen Gresik
52	SMSM	Selamat Sempurna Tbk
53	TALF	Tunas Alfin Tbk
54	TCID	Mandom Indonesia Tbk
55	TOTO	Surya Toto Indonesia Tbk
56	TRIS	Trisula International Tbk
57	TRST	Trias sentosa Tbk
58	TSPC	Tempo Scan Pasific Tbk
59	ULTJ	Ultrajaya Milk Industry and Trading Company Tbk
60	UNVR	Unilever Indonesia Tbk
61	WIIM	Wismilak Inti Makmur Tbk
62	WSBP	Waskita Beton Precast Tbk
63	WTON	Wijaya Karya Beton Tbk

LAMPIRAN 2

Data Perhitungan Dividen Payout Ratio (DPR) Tahun 2013-2017

$$DPR = \frac{\text{Dividen per share (DPS)}}{\text{Earning per share (EPS)}}$$

NO	Nama	Tahun	Laba	Jumlah Saham Beredar	Pembayaran Dividen	DPS	EPS	DPR
1	AISA	2013	346728000000	2926000000	23408000000	8.00	118.50	0.067511
2	AKPI	2015	27645000000	680000000	4897986000	7.20	40.65	0.177174
3	ALDO	2013	22589000000	550000000	825000000	8.00	41.07	0.067511
4	ALMI	2013	26119000000	308000000	6134875321	19.92	84.80	0.234882
5	AMFG	2013	338358000000	434000000	34720000000	80.00	779.63	0.102613
6	AMFG	2014	458635000000	434000000	34720000000	80.00	1056.76	0.075703
7	AMFG	2015	341346000000	434000000	34720000000	80.00	786.51	0.101715
8	AMFG	2016	260444000000	434000000	34720000000	80.00	600.10	0.133311
9	AMFG	2017	385690000000	434000000	34720000000	80.00	88.87	0.900205
10	ARNA	2013	237698000000	7341430976	30770000000	4.19	32.38	0.129450
11	ARNA	2014	261651000000	7341430976	117910000000	16.06	35.64	0.450638
12	ARNA	2015	71210000000	7341430976	88171000000	12.01	9.70	1.238183
13	ASII	2013	22297000000000	40483553140	10028000000000	247.71	550.77	0.449747
14	ASII	2014	22125000000000	40483553140	10206000000000	252.10	546.52	0.461288
15	ASII	2015	15613000000000	40483553140	10590000000000	261.59	385.66	0.678281
16	ASII	2016	18302000000000	40483553140	8144000000000	201.17	452.08	0.444979
17	ASII	2017	23165000000000	40483553140	8589000000000	212.16	572.21	0.370775

18	AUTO	2013	1058015000000	4819733000	525351000000	109.00	219.52	0.496544
19	AUTO	2014	956409000000	4819733000	412087000000	85.50	198.44	0.430869
20	AUTO	2015	322701000000	4819733000	279545000000	58.00	66.95	0.866266
21	AUTO	2016	483421000000	4819733000	85546000000	17.75	100.30	0.176960
22	BATA	2013	44374000000	1300000000	34320000000	26.40	34.13	0.773426
23	BATA	2014	70781000000	1300000000	38862000000	29.89	54.45	0.549046
24	BOLT	2015	97680000000	2343750000	130000000000	55.47	41.68	1.330876
25	BOLT	2016	108483000000	2343750000	58608000000	25.01	46.29	0.540251
26	BOLT	2017	97271000000	2343750000	65090000000	27.77	41.50	0.669161
27	BUDI	2017	45691000000	4498997362	11247000000	2.50	10.16	0.246154
28	CEKA	2014	41001000000	297500000	29750000000	100.00	137.82	0.725592
29	CINT	2014	25375000000	1000000000	10000000000	10.00	25.38	0.394089
30	CINT	2015	29478000000	1000000000	6000000000	6.00	29.48	0.203542
31	CINT	2016	20619000000	1000000000	8000000000	8.00	20.62	0.387992
32	CINT	2017	29648000000	1000000000	5000000000	5.00	29.65	0.168645
33	CPIN	2013	2528690000000	16398000000	754308000000	46.00	154.21	0.298300
34	CPIN	2014	1746644000000	16398000000	754308000000	46.00	106.52	0.431861
35	CPIN	2015	1832598000000	16398000000	295164000000	18.00	111.76	0.161063
36	CPIN	2016	2225402000000	16398000000	475542000000	29.00	135.71	0.213688
37	DLTA	2014	288073000000	16013181	192158000000	11999.99	17989.74	0.667046
38	DVLA	2013	125796000000	1120000000	24640000000	22.00	112.32	0.195873
39	DVLA	2014	80929000000	1120000000	24640000000	22.00	72.26	0.304464
40	DVLA	2016	152083000000	1120000000	6963000000	6.22	135.79	0.045784
41	EKAD	2013	39451000000	698775000	5590200000	8.00	56.46	0.141700
42	EKAD	2016	90686000000	698775000	6987750000	10.00	129.78	0.077054

43	EKAD	2017	76196000000	698775000	11180400000	16.00	109.04	0.146732
44	FASW	2016	778013000000	2477888787	59469330888	24.00	313.98	0.076437
45	FASW	2017	743557000000	2477888787	450975759234	182.00	300.08	0.606511
46	GGRM	2013	4383932000000	1924088000	59469330888	30.91	2278.45	0.013565
47	GGRM	2014	5395293000000	1924088000	450975759234	234.38	2804.08	0.083587
48	GGRM	2015	6452834000000	1924088000	1567967000000	814.91	3353.71	0.242989
49	GGRM	2016	6672682000000	1924088000	5024366000000	2611.30	3467.97	0.752975
50	GGRM	2017	7755347000000	1924088000	5048701000000	2623.94	4030.66	0.650996
51	GJTL	2013	120330000000	3484800000	94090000000	27.00	34.53	0.781933
52	GJTL	2014	269868000000	3484800000	34848000000	10.00	77.44	0.129130
53	HMSP	2013	10818486000000	4383000000	9945027000000	2269.00	2468.28	0.919262
54	HMSP	2015	10363308000000	116318076900	12250485000000	105.32	89.09	1.182102
55	HMSP	2016	12762229000000	116318076900	10352309000000	89.00	109.72	0.811168
56	ICBP	2013	2235040000000	5830954000	1084557000000	186.00	383.31	0.485252
57	ICBP	2014	2531681000000	5830954000	1107882000000	190.00	434.18	0.437607
58	ICBP	2015	2923148000000	5830954000	1294472000000	222.00	501.32	0.442835
59	ICBP	2016	3631301000000	11661908000	1492724000000	128.00	311.38	0.411071
60	ICBP	2017	3543173000000	11661908000	1795934000000	154.00	303.82	0.506872
61	IGAR	2016	69306000000	972204500	4861000000	5.00	71.29	0.070138
62	IMAS	2013	621140000000	2765278412	80193000000	29.00	224.62	0.129106
63	IMPC	2016	125823000000	4833500000	9667000000	2.00	26.03	0.076830
64	IMPC	2017	91303000000	4833500000	19334000000	4.00	18.89	0.211756
65	INCI	2017	16554000000	181035556	1810000000	10.00	91.44	0.109339
66	INDF	2013	3416635000000	8780426500	1624380000000	185.00	389.12	0.475433
67	INDF	2015	3709501000000	8780426500	1931694000000	220.00	422.47	0.520742

68	INDF	2016	5266906000000	8780426500	1475112000000	168.00	599.85	0.280072
69	INDF	2017	5145063000000	8780426500	2063401000000	235.00	585.97	0.401045
70	INDS	2013	1476080000000	5250000000	1496250000000	285.00	281.16	1.013665
71	INDS	2014	1276570000000	656249710	525000000000	80.00	194.53	0.411258
72	INTP	2013	5012294000000	3681231699	1656554000000	450.00	1361.58	0.330498
73	INTP	2014	5274009000000	3681231699	3313109000000	900.00	1432.68	0.628196
74	INTP	2015	4356661000000	3681231699	4969663000000	1350.00	1183.48	1.140705
75	INTP	2016	3870319000000	3681231699	1527711000000	415.00	1051.37	0.394725
76	INTP	2017	1859818000000	3681231699	3419864000000	929.00	505.22	1.838816
77	JECC	2016	1324230000000	1512000000	3024000000000	200.00	875.81	0.228359
78	JPFA	2013	6406370000000	10660522910	2128040000000	19.96	60.09	0.332176
79	JPFA	2014	3848460000000	10660522910	1064030000000	9.98	36.10	0.276482
80	JPFA	2017	1107810000000	10660522910	5697780000000	53.45	103.92	0.514328
81	KAEF	2013	2156420000000	5554000000	3077000000000	5.54	38.83	0.142690
82	KAEF	2014	2365310000000	5554000000	5363700000000	9.66	42.59	0.226765
83	KAEF	2015	2529730000000	5554000000	4692500000000	8.45	45.55	0.185494
84	KAEF	2016	2715980000000	5554000000	4977000000000	8.96	48.90	0.183249
85	KAEF	2017	3317080000000	5554000000	5348500000000	9.63	59.72	0.161241
86	KBLI	2013	7353000000000	4007235107	3205800000000	8.00	18.35	0.435985
87	KBLI	2015	1153710000000	4007235107	1602900000000	4.00	28.79	0.138934
88	KBLI	2017	3589740000000	4007235107	4007200000000	10.00	89.58	0.111629
89	KBLM	2015	1276000000000	11200000000	5600000000000	5.00	11.39	0.438871
90	KIAS	2014	9223900000000	149291000000	2254300000000	1.51	6.18	0.244398
91	KINO	2015	2630310000000	1428571500	2193100000000	15.35	184.12	0.083378
92	KINO	2016	1811100000000	1428571500	5285700000000	37.00	126.78	0.291850

93	KINO	2017	109696000000	1428571500	35714000000	25.00	76.79	0.325572
94	KLBF	2013	1970452000000	46875122110	964821000000	20.58	42.04	0.489645
95	KLBF	2014	2121091000000	46875122110	809531264428	17.27	45.25	0.381658
96	KLBF	2015	2057694000000	46875122110	890627000000	19.00	43.90	0.432828
97	KLBF	2016	2350885000000	46875122110	890627000000	19.00	50.15	0.378848
98	KLBF	2017	2453251000000	46875122110	1031253000000	22.00	52.34	0.420362
99	LION	2013	64761000000	52016000	20806000000	399.99	1245.02	0.321274
100	LION	2015	46019000000	520160000	20806000000	40.00	88.47	0.452118
101	MAIN	2013	241633000000	1695000000	61020000000	36.00	142.56	0.252532
102	MERK	2014	181472000000	22400000	140000000000	6250.00	8101.43	0.771469
103	MERK	2015	142545000000	448000000	219520000000	490.00	318.18	1.540005
104	MERK	2017	147387000000	448000000	123200000000	275.00	328.99	0.835895
105	MLBI	2016	982129000000	2107000000	924973000000	439.00	466.13	0.941804
106	MLBI	2017	1322067000000	2107000000	1076677000000	511.00	627.46	0.814389
107	MYOR	2013	1058419000000	894347989	176314000000	197.14	1183.45	0.166582
108	MYOR	2014	409825000000	894347989	205700000000	230.00	458.24	0.501922
109	MYOR	2015	1250233000000	894347989	143096000000	160.00	1397.93	0.114455
110	MYOR	2016	1388676000000	22358699725	268304000000	12.00	62.11	0.193208
111	MYOR	2017	1630954000000	22358699725	469533000000	21.00	72.94	0.287889
112	RICY	2015	13466000000	641717510	2567000000	4.00	20.98	0.190628
113	ROTI	2013	158015000000	5061800000	37285000000	7.37	31.22	0.235959
114	ROTI	2014	188578000000	5061800000	15792000000	3.12	37.26	0.083743
115	ROTI	2015	270539000000	5061800000	27992000000	5.53	53.45	0.103468
116	ROTI	2017	135058000000	6186488888	69489000000	11.23	21.83	0.514512
117	SCCO	2013	104962000000	205583400	51396000000	250.00	510.56	0.489663

118	SCCO	2014	137619000000	205583400	30838000000	150.00	669.41	0.224082
119	SCCO	2015	159120000000	205583400	41117000000	200.00	773.99	0.258402
120	SCCO	2016	340594000000	205583400	46256000000	225.00	1656.72	0.135810
121	SCCO	2017	269730000000	205583400	61675000000	300.00	1312.02	0.228655
122	SIDO	2014	415193000000	15000000000	405000000000	27.00	27.68	0.975450
123	SIDO	2015	437475000000	15000000000	36000000000	2.40	29.17	0.082290
124	SIDO	2016	480525000000	15000000000	368503000000	24.57	32.04	0.766876
125	SIDO	2017	533799000000	15000000000	386967000000	25.80	35.59	0.724930
126	SKBM	2014	89116000000	936530894	11653000000	12.44	95.16	0.130762
127	SKLT	2013	11440000000	690740500	2072000000	3.00	16.56	0.181119
128	SKLT	2014	16481000000	690740500	2763000000	4.00	23.86	0.167648
129	SKLT	2015	20067000000	690740500	3454000000	5.00	29.05	0.172123
130	SKLT	2016	20646000000	690740500	4144000000	6.00	29.89	0.200717
131	SKLT	2017	22971000000	690740500	3108000000	4.50	33.26	0.135301
132	SMBR	2015	354180000000	9837678500	82084000000	8.34	36.00	0.231758
133	SMBR	2016	259091000000	9837678500	88539000000	9.00	26.34	0.341729
134	SMBR	2017	146648000000	9924797283	64769000000	6.53	14.78	0.441663
135	SMCB	2013	952305000000	7662900000	651229000000	84.98	124.27	0.683845
136	SMCB	2014	668869000000	7662900000	666672000000	87.00	87.29	0.996715
137	SMGR	2013	5354299000000	5931520000	2181263000000	367.74	902.69	0.407385
138	SMGR	2014	5573577000000	5931520000	2416611000000	407.42	939.65	0.433583
139	SMGR	2015	4525441000000	5931520000	2226340000000	375.34	762.95	0.491961
140	SMGR	2017	2043026000000	5931520000	1808638000000	304.92	344.44	0.885274
141	SMSM	2013	338223000000	1439668860	86380000000	60.00	234.93	0.255394
142	SMSM	2015	461307000000	1439668860	71983000000	50.00	320.43	0.156041

143	SMSM	2017	555388000000	5758675440	287934000000	50.00	96.44	0.518438
144	TALF	2015	337180000000	1353435000	5414000000	4.00	24.91	0.160567
145	TALF	2016	301380000000	1353435000	4060000000	3.00	22.27	0.134714
146	TALF	2017	214660000000	1353435000	4060000000	3.00	15.86	0.189136
147	TCID	2013	160148000000	201066667	74395000000	370.00	796.49	0.464539
148	TCID	2014	174314000000	201066667	74395000000	370.00	866.95	0.426787
149	TCID	2016	162060000000	201066667	82437000000	410.00	806.00	0.508682
150	TOTO	2013	236558000000	49536000	49536000000	1000.00	4775.48	0.209403
151	TOTO	2014	293804000000	990720000	49536000000	50.00	296.56	0.168602
152	TOTO	2015	285237000000	1032000000	69350000000	67.20	276.39	0.243131
153	TOTO	2016	168565000000	1032000000	72240000000	7.00	16.33	0.428559
154	TRIS	2013	481950000000	1000000125	9005000000	9.00	48.19	0.186845
155	TRIS	2014	359440000000	1000000125	9843000000	9.84	35.94	0.273843
156	TRIS	2015	374480000000	1000000125	9931000000	9.93	37.45	0.265194
157	TRIS	2016	252130000000	1000000125	8364000000	8.36	25.21	0.331734
158	TRST	2013	329660000000	2808000000	28080000000	10.00	11.74	0.851787
159	TRST	2015	253140000000	2808000000	14040000000	5.00	9.01	0.554634
160	TSPC	2013	638535000000	4500000000	337500000000	75.00	141.90	0.528554
161	TSPC	2015	529219000000	4500000000	288000000000	64.00	117.60	0.544198
162	TSPC	2016	545494000000	4500000000	225000000000	50.00	121.22	0.412470
163	TSPC	2017	557340000000	4500000000	225000000000	50.00	123.85	0.403703
164	ULTJ	2017	711681000000	11553528000	75098000000	6.50	61.60	0.105522
165	UNVR	2013	5352625000000	7630000000	5066320000000	664.00	701.52	0.946511
166	UNVR	2014	5738523000000	7630000000	5394411000000	707.00	752.10	0.940035
167	UNVR	2015	5851805000000	7630000000	5783540000000	758.00	766.95	0.988334

168	UNVR	2016	6390672000000	7630000000	6096370000000	799.00	837.57	0.953948
169	WIIM	2013	1323220000000	2099873760	7556000000	3.60	63.01	0.057103
170	WIIM	2014	1123050000000	2099873760	39688000000	18.90	53.48	0.353395
171	WIIM	2015	1310810000000	2099873760	28348000000	13.50	62.42	0.216263
172	WSBP	2016	6438200000000	26361157534	379739536402	14.41	24.42	0.589823
173	WSBP	2017	10003300000000	26361157534	317409762446	12.04	37.95	0.317305
174	WTON	2015	1717840000000	8715466600	98558944414	11.31	19.71	0.573738
175	WTON	2016	2815680000000	8715466600	52197812143	5.99	32.31	0.185383
176	WTON	2017	3404590000000	8715466600	81715425760	9.38	39.06	0.240015

LAMPIRAN 3

Data Perhitungan Profitabilitas, Return On Asset (ROA)

$$ROA = \frac{\text{Laba Bersih}}{\text{Total Aset}}$$

NO	Nama Perusahaan	TAHUN	LABA BERSIH	TOTAL ASET	ROA
1	AISA	2013	346728000000	5020824000000	0.06906
2	AKPI	2015	27645000000	2883143000000	0.00959
3	ALDO	2013	22589000000	301479000000	0.07493
4	ALMI	2013	26119000000	2752078000000	0.00949
5	AMFG	2013	338358000000	3539393000000	0.0956
6	AMFG	2014	458635000000	3918391000000	0.11705
7	AMFG	2015	341346000000	4270275000000	0.07994
8	AMFG	2016	260444000000	5504890000000	0.04731
9	AMFG	2017	38569000000	6267816000000	0.00615
10	ARNA	2013	237698000000	1135245000000	0.20938
11	ARNA	2014	261651000000	1259175000000	0.2078
12	ARNA	2015	71210000000	1430779000000	0.04977
13	ASII	2013	22297000000000	213994000000000	0.10419
14	ASII	2014	22125000000000	236029000000000	0.09374
15	ASII	2015	15613000000000	245435000000000	0.06361
16	ASII	2016	18302000000000	261855000000000	0.06989
17	ASII	2017	23165000000000	295646000000000	0.07835
18	AUTO	2013	1058015000000	12617678000000	0.08385
19	AUTO	2014	956409000000	14380926000000	0.06651
20	AUTO	2015	322701000000	14339110000000	0.0225
21	AUTO	2016	483421000000	14612274000000	0.03308
22	BATA	2013	44374000000	680685000000	0.06519
23	BATA	2014	70781000000	774891000000	0.09134
24	BOLT	2015	97680000000	918617000000	0.10633
25	BOLT	2016	108483000000	938142000000	0.11564
26	BOLT	2017	97271000000	1188799000000	0.08182
27	BUDI	2017	45691000000	2939456000000	0.01554
28	CEKA	2014	41001000000	1284150000000	0.03193
29	CINT	2014	25375000000	365092000000	0.0695
30	CINT	2015	29478000000	382807000000	0.077
31	CINT	2016	20619000000	399337000000	0.05163
32	CINT	2017	29648000000	476578000000	0.06221
33	CPIN	2013	2528690000000	15722197000000	0.16084
34	CPIN	2014	1746644000000	20862439000000	0.08372
35	CPIN	2015	1832598000000	24684915000000	0.07424
36	CPIN	2016	2225402000000	24204994000000	0.09194
37	DLTA	2014	288073000000	991947000000	0.29041
38	DVLA	2013	125796000000	1190054000000	0.10571
39	DVLA	2014	80929000000	1236248000000	0.06546
40	DVLA	2016	152083000000	1531366000000	0.09931
41	EKAD	2013	39451000000	114560000000	0.34437

42	EKAD	2016	90686000000	702509000000	0.12909
43	EKAD	2017	76196000000	796768000000	0.09563
44	FASW	2016	778013000000	8583224000000	0.09064
45	FASW	2017	743557000000	9369892000000	0.07936
46	GGRM	2013	4383932000000	50770251000000	0.08635
47	GGRM	2014	5395293000000	58220600000000	0.09267
48	GGRM	2015	6452834000000	63505413000000	0.10161
49	GGRM	2016	6672682000000	62951634000000	0.106
50	GGRM	2017	7755347000000	66759930000000	0.11617
51	GJTL	2013	1203300000000	15350754000000	0.00784
52	GJTL	2014	2698680000000	16042897000000	0.01682
53	HMSP	2013	10818486000000	27404594000000	0.39477
54	HMSP	2015	10363308000000	38010724000000	0.27264
55	HMSP	2016	12762229000000	42508277000000	0.30023
56	ICBP	2013	2235040000000	21267470000000	0.10509
57	ICBP	2014	2531681000000	24910211000000	0.10163
58	ICBP	2015	2923148000000	26560624000000	0.11006
59	ICBP	2016	3631301000000	28901948000000	0.12564
60	ICBP	2017	3543173000000	31619514000000	0.11206
61	IGAR	2016	69306000000	439466000000	0.15771
62	IMAS	2013	621140000000	22315023000000	0.02784
63	IMPC	2016	125823000000	2276032000000	0.05528
64	IMPC	2017	91303000000	2294677000000	0.03979
65	INCI	2017	16554000000	303788000000	0.05449
66	INDF	2013	3416635000000	78092789000000	0.04375
67	INDF	2015	3709501000000	91831526000000	0.04039
68	INDF	2016	5266906000000	82174515000000	0.06409
69	INDF	2017	5145063000000	87939488000000	0.05851
70	INDS	2013	147608000000	2196518000000	0.0672
71	INDS	2014	127657000000	2282666000000	0.05592
72	INTP	2013	5012294000000	26607241000000	0.18838
73	INTP	2014	5274009000000	28884973000000	0.18259
74	INTP	2015	4356661000000	27638360000000	0.15763
75	INTP	2016	3870319000000	30150580000000	0.12837
76	INTP	2017	1859818000000	28863676000000	0.06443
77	JECC	2016	132423000000	1587211000000	0.08343
78	JPFA	2013	640637000000	14917590000000	0.04295
79	JPFA	2014	384846000000	15730435000000	0.02447
80	JPFA	2017	1107810000000	21088870000000	0.05253
81	KAEF	2013	215642000000	2471940000000	0.08724
82	KAEF	2014	236531000000	2968185000000	0.07969
83	KAEF	2015	252973000000	3236224000000	0.07817
84	KAEF	2016	271598000000	4612563000000	0.05888
85	KAEF	2017	331708000000	6096149000000	0.05441
86	KBLI	2013	73530000000	1337022000000	0.055
87	KBLI	2015	115371000000	1551800000000	0.07435
88	KBLI	2017	358974000000	3013761000000	0.11911
89	KBLM	2015	12760000000	654386000000	0.0195
90	KIAS	2014	92239000000	2352543000000	0.03921

91	KINO	2015	263031000000	3211235000000	0.08191
92	KINO	2016	181110000000	3284504000000	0.05514
93	KINO	2017	109696000000	3237595000000	0.03388
94	KLBF	2013	1970452000000	11315061000000	0.17414
95	KLBF	2014	2121091000000	12425032000000	0.17071
96	KLBF	2015	2057694000000	13696417000000	0.15024
97	KLBF	2016	2350885000000	15226009000000	0.1544
98	KLBF	2017	2453251000000	16616239000000	0.14764
99	LION	2013	64761000000	498568000000	0.12989
100	LION	2015	46019000000	639330000000	0.07198
101	MAIN	2013	241633000000	2214399000000	0.10912
102	MERK	2014	181472000000	716600000000	0.25324
103	MERK	2015	142545000000	641647000000	0.22215
104	MERK	2017	147387000000	847067000000	0.174
105	MLBI	2016	982129000000	2275038000000	0.4317
106	MLBI	2017	1322067000000	2510078000000	0.5267
107	MYOR	2013	1058419000000	9709838000000	0.109
108	MYOR	2014	409825000000	10291108000000	0.03982
109	MYOR	2015	1250233000000	11342716000000	0.11022
110	MYOR	2016	1388676000000	12922422000000	0.10746
111	MYOR	2017	1630954000000	14915850000000	0.10934
112	RICY	2015	13466000000	1198194000000	0.01124
113	ROTI	2013	158015000000	1822689000000	0.08669
114	ROTI	2014	188578000000	2142894000000	0.088
115	ROTI	2015	270539000000	2706324000000	0.09997
116	ROTI	2017	135364000000	4559574000000	0.02969
117	SCCO	2013	104962000000	1762032000000	0.05957
118	SCCO	2014	137619000000	1656007000000	0.0831
119	SCCO	2015	159120000000	1773144000000	0.08974
120	SCCO	2016	340594000000	2449935000000	0.13902
121	SCCO	2017	269730000000	4014245000000	0.06719
122	SIDO	2014	415193000000	2951507000000	0.14067
123	SIDO	2015	437475000000	2796111000000	0.15646
124	SIDO	2016	480525000000	2987614000000	0.16084
125	SIDO	2017	533799000000	3158198000000	0.16902
126	SKBM	2014	89116000000	649534000000	0.1372
127	SKLT	2013	11440000000	301989000000	0.03788
128	SKLT	2014	16481000000	331575000000	0.04971
129	SKLT	2015	20067000000	377111000000	0.05321
130	SKLT	2016	20646000000	568240000000	0.03633
131	SKLT	2017	22971000000	636284000000	0.0361
132	SMBR	2015	354180000000	3268668000000	0.10836
133	SMBR	2016	259091000000	4368877000000	0.0593
134	SMBR	2017	146648000000	5060377000000	0.02898
135	SMCB	2013	952305000000	1489499000000	0.06393
136	SMCB	2014	668869000000	17195352000000	0.0389
137	SMGR	2013	5354299000000	30792884000000	0.17388
138	SMGR	2014	5573577000000	34314666000000	0.16243
139	SMGR	2015	4525441000000	38153119000000	0.11861

140	SMGR	2017	2043026000000	48963503000000	0.04173
141	SMSM	2013	338223000000	1701103000000	0.19883
142	SMSM	2015	461307000000	2220108000000	0.20779
143	SMSM	2017	555388000000	2443341000000	0.22731
144	TALF	2015	33718000000	434210000000	0.07765
145	TALF	2016	30138000000	881673000000	0.03418
146	TALF	2017	21466000000	921241000000	0.0233
147	TCID	2013	160148000000	1465952000000	0.10925
148	TCID	2014	174314000000	1853235000000	0.09406
149	TCID	2016	162060000000	2185101000000	0.07417
150	TOTO	2013	236558000000	1746178000000	0.13547
151	TOTO	2014	293804000000	2027289000000	0.14492
152	TOTO	2015	285237000000	2439541000000	0.11692
153	TOTO	2016	168565000000	2581441000000	0.0653
154	TRIS	2013	48195000000	449009000000	0.10734
155	TRIS	2014	35944000000	523901000000	0.06861
156	TRIS	2015	37448000000	574346000000	0.0652
157	TRIS	2016	25213000000	639701000000	0.03941
158	TRST	2013	32966000000	3260920000000	0.01011
159	TRST	2015	25314000000	3357359000000	0.00754
160	TSPC	2013	638535000000	5407958000000	0.11807
161	TSPC	2015	529219000000	6284729000000	0.08421
162	TSPC	2016	545494000000	6585807000000	0.08283
163	TSPC	2017	557340000000	7434900000000	0.07496
164	ULTJ	2017	711681000000	5186940000000	0.13721
165	UNVR	2013	5352625000000	13348188000000	0.401
166	UNVR	2014	5738523000000	14280670000000	0.40184
167	UNVR	2015	5851805000000	15729945000000	0.37202
168	UNVR	2016	6390672000000	16745695000000	0.38163
169	WIIM	2013	132322000000	1229011000000	0.10767
170	WIIM	2014	112305000000	1332908000000	0.08426
171	WIIM	2015	131081000000	1342700000000	0.09762
172	WSBP	2016	634820000000	13734267000000	0.04622
173	WSBP	2017	1000330000000	14919549000000	0.06705
174	WTON	2015	171784000000	4456098000000	0.03855
175	WTON	2016	281568000000	4662320000000	0.06039
176	WTON	2017	340459000000	7076976000000	0.04811

LAMPIRAN 4

Data perhitungan *Leverage, Debt to Equity Ratio*

$$DER = \frac{\text{Total Hutang}}{\text{Total Ekuitas}}$$

NO	KODE	Tahun	Total Hutang	Total Ekuitas	DER
1	AISA	2013	2664051000000	2356773000000	1.130380822
2	AKPI	2015	1775577000000	1107566000000	1.60313426
3	ALDO	2013	161596000000	139883000000	1.155222579
4	ALMI	2013	2094737000000	657342000000	3.186677559
5	AMFG	2013	778666000000	2760727000000	0.282051068
6	AMFG	2014	733749000000	3184642000000	0.23040235
7	AMFG	2015	880052000000	3390223000000	0.259585284
8	AMFG	2016	1905626000000	3599264000000	0.529448798
9	AMFG	2017	2718939000000	3548877000000	0.766140669
10	ARNA	2013	366755000000	768490000000	0.477241083
11	ARNA	2014	346945000000	912231000000	0.380325817
12	ARNA	2015	536051000000	894728000000	0.599121744
13	ASII	2013	107806000000000	106188000000000	1.015237127
14	ASII	2014	115705000000000	120324000000000	0.961611981
15	ASII	2015	118902000000000	126533000000000	0.939691622
16	ASII	2016	121949000000000	139906000000000	0.871649536
17	ASII	2017	139317000000000	156329000000000	0.89117822
18	AUTO	2013	3058924000000	9558754000000	0.320012838
19	AUTO	2014	4244369000000	10136557000000	0.418718999
20	AUTO	2015	4195684000000	10143426000000	0.413635787
21	AUTO	2016	4075716000000	10536558000000	0.386816644
22	BATA	2013	283832000000	396853000000	0.71520689
23	BATA	2014	345775000000	429116000000	0.80578445
24	BOLT	2015	158088000000	760529000000	0.207865841
25	BOLT	2016	123817000000	814325000000	0.152048629
26	BOLT	2017	468122000000	720677000000	0.649558679
27	BUDI	2017	1744756000000	1194700000000	1.460413493
28	CEKA	2014	746599000000	537551000000	1.388889612
29	CINT	2014	73446000000	291646000000	0.251832701
30	CINT	2015	67734000000	315073000000	0.214978751
31	CINT	2016	72907000000	326430000000	0.223346506
32	CINT	2017	94304000000	382274000000	0.246692163
33	CPIN	2013	5771297000000	9950900000000	0.579977389
34	CPIN	2014	9919150000000	10943289000000	0.906413968
35	CPIN	2015	12123488000000	12561427000000	0.965136206
36	CPIN	2016	10047751000000	14157243000000	0.709725121
37	DLTA	2014	227474000000	764473000000	0.297556617
38	DVLA	2013	275351000000	914703000000	0.301027765
39	DVLA	2014	273816000000	962431000000	0.284504551
40	DVLA	2016	451786000000	1079580000000	0.418483114
41	EKAD	2013	105894000000	237708000000	0.445479328
42	EKAD	2016	110504000000	592005000000	0.186660586
43	EKAD	2017	133950000000	662818000000	0.202091675

44	FASW	2016	5424781000000	3158442000000	1.717549665
45	FASW	2017	6081574000000	3288317000000	1.849448821
46	GGRM	2013	21353980000000	29416271000000	0.725924098
47	GGRM	2014	24991880000000	33228720000000	0.752116844
48	GGRM	2015	25497504000000	38007909000000	0.670847323
49	GGRM	2016	23387406000000	39564228000000	0.591125044
50	GGRM	2017	24572266000000	42187664000000	0.582451448
51	GJTL	2013	9626411000000	5724343000000	1.681662158
52	GJTL	2014	10059605000000	5983292000000	1.681282645
53	HMSP	2013	13249559000000	14155035000000	0.936031525
54	HMSP	2015	5994664000000	32016060000000	0.187239279
55	HMSP	2016	8333263000000	34175014000000	0.243840807
56	ICBP	2013	8001739000000	13265731000000	0.603188697
57	ICBP	2014	9870264000000	15039947000000	0.656269866
58	ICBP	2015	10173713000000	16386911000000	0.620843855
59	ICBP	2016	10401125000000	18500823000000	0.562197963
60	ICBP	2017	11295184000000	20324330000000	0.55574693
61	IGAR	2016	65717000000	373749000000	0.175831909
62	IMAS	2013	15655152000000	6659870000000	2.350669307
63	IMPC	2016	1050387000000	1225645000000	0.857007535
64	IMPC	2017	1005657000000	1289021000000	0.780171153
65	INCI	2017	35409000000	268380000000	0.131936061
66	INDF	2013	39719660000000	38373129000000	1.035090467
67	INDF	2015	48709933000000	43121593000000	1.129594934
68	INDF	2016	38233092000000	43941423000000	0.870092259
69	INDF	2017	41182764000000	46756724000000	0.880788055
70	INDS	2013	443653000000	1752866000000	0.253101492
71	INDS	2014	454348000000	1828319000000	0.248505868
72	INTP	2013	3629554000000	22977687000000	0.157959937
73	INTP	2014	4100172000000	24784801000000	0.165430903
74	INTP	2015	3772410000000	23865950000000	0.158066618
75	INTP	2016	4011877000000	26138703000000	0.153484165
76	INTP	2017	4307169000000	24556507000000	0.175398276
77	JECC	2016	1116872000000	470338000000	2.374615702
78	JPFA	2013	9672368000000	5245222000000	1.844034056
79	JPFA	2014	10440441000000	5289994000000	1.973620575
80	JPFA	2017	11293242000000	9795628000000	1.152885961
81	KAEF	2013	847585000000	1624355000000	0.521797883
82	KAEF	2014	1157041000000	1811144000000	0.638845393
83	KAEF	2015	1374127000000	1862097000000	0.737945982
84	KAEF	2016	2341155000000	2271407000000	1.030706958
85	KAEF	2017	3523628000000	2572521000000	1.369717876
86	KBLI	2013	450373000000	886650000000	0.507949022
87	KBLI	2015	524438000000	1027362000000	0.510470506
88	KBLI	2017	1227014000000	1786746000000	0.686731074
89	KBLM	2015	357910000000	296475000000	1.207218147
90	KIAS	2014	235746000000	2116797000000	0.111369205
91	KINO	2015	1434605000000	1776629000000	0.807487101
92	KINO	2016	1332432000000	1952072000000	0.682573184

93	KINO	2017	1182424000000	2055171000000	0.575340933
94	KLBF	2013	2815103000000	8499958000000	0.331190225
95	KLBF	2014	2607557000000	9817476000000	0.265603603
96	KLBF	2015	2758131000000	10938286000000	0.252153857
97	KLBF	2016	2762162000000	12463847000000	0.221613921
98	KLBF	2017	2722208000000	13894032000000	0.195926424
99	LION	2013	82784000000	415784000000	0.199103381
100	LION	2015	184731000000	454805000000	0.406176273
101	MAIN	2013	1351916000000	862483000000	1.567469736
102	MERK	2014	162909000000	553691000000	0.294223673
103	MERK	2015	168104000000	473543000000	0.354992049
104	MERK	2017	230569000000	615437000000	0.374642734
105	MLBI	2016	1454398000000	820640000000	1.77227286
106	MLBI	2017	1445173000000	1064905000000	1.357091008
107	MYOR	2013	5771077000000	3938761000000	1.465201113
108	MYOR	2014	6190553000000	4100555000000	1.509686616
109	MYOR	2015	6148256000000	5194460000000	1.183617931
110	MYOR	2016	6657166000000	6265256000000	1.062552911
111	MYOR	2017	7561503000000	7354346000000	1.02816797
112	RICY	2015	798115000000	400079000000	1.994893509
113	ROTI	2013	1035351000000	787338000000	1.315001943
114	ROTI	2014	1182772000000	960122000000	1.231897613
115	ROTI	2015	1517789000000	1188535000000	1.277025077
116	ROTI	2017	1739468000000	2820106000000	0.616809439
117	SCCO	2013	1054421000000	707611000000	1.490113919
118	SCCO	2014	841615000000	814393000000	1.033426122
119	SCCO	2015	850792000000	922353000000	0.922414737
120	SCCO	2016	1229515000000	1220421000000	1.007451527
121	SCCO	2017	1280593000000	2728227000000	0.469386528
122	SIDO	2014	326051000000	2634659000000	0.123754535
123	SIDO	2015	197797000000	2598314000000	0.076125133
124	SIDO	2016	229729000000	2757885000000	0.083298977
125	SIDO	2017	262333000000	2895865000000	0.090588822
126	SKBM	2014	331624000000	317910000000	1.043137995
127	SKLT	2013	162339000000	139650000000	1.162470462
128	SKLT	2014	178207000000	153368000000	1.161956862
129	SKLT	2015	225066000000	152045000000	1.480259134
130	SKLT	2016	272089000000	296151000000	0.918750907
131	SKLT	2017	328714000000	307570000000	1.068745326
132	SMBR	2015	319315000000	2949353000000	0.108266118
133	SMBR	2016	1248119000000	3120758000000	0.399940976
134	SMBR	2017	1647477000000	3412860000000	0.482726218
135	SMCB	2013	6122043000000	8772947000000	0.697831983
136	SMCB	2014	843676000000	8758592000000	0.963255281
137	SMGR	2013	8988908000000	21803976000000	0.412260039
138	SMGR	2014	9312214000000	25002452000000	0.37245203
139	SMGR	2015	10712321000000	27440798000000	0.390379354
140	SMGR	2017	18524451000000	30439052000000	0.608575162
141	SMSM	2013	694304000000	1006799000000	0.689615306

142	SMSM	2015	779860000000	1440248000000	0.54147619
143	SMSM	2017	615157000000	1828184000000	0.336485277
144	TALF	2015	840080000000	3502020000000	0.23988441
145	TALF	2016	1297780000000	7518950000000	0.172601228
146	TALF	2017	1550760000000	7661650000000	0.202405487
147	TCID	2013	2829620000000	11829910000000	0.239192014
148	TCID	2014	5697310000000	12835040000000	0.443887203
149	TCID	2016	4019430000000	17831590000000	0.225410634
150	TOTO	2013	7105270000000	10356500000000	0.686068653
151	TOTO	2014	7960960000000	12311920000000	0.646605891
152	TOTO	2015	9479980000000	14915430000000	0.635582078
153	TOTO	2016	10575660000000	15238750000000	0.693997867
154	TRIS	2013	1667020000000	2823060000000	0.590501087
155	TRIS	2014	2143900000000	3095100000000	0.692675519
156	TRIS	2015	2451380000000	3292080000000	0.744629535
157	TRIS	2016	2930740000000	3466270000000	0.845502514
158	TRST	2013	15512420000000	17096770000000	0.907330449
159	TRST	2015	14004390000000	19569210000000	0.715633896
160	TSPC	2013	15450060000000	38629520000000	0.39995475
161	TSPC	2015	19475880000000	43371410000000	0.449048809
162	TSPC	2016	19505340000000	46352730000000	0.420802399
163	TSPC	2017	23528920000000	50820080000000	0.46298471
164	ULTJ	2017	9781850000000	42087550000000	0.232416712
165	UNVR	2013	90935180000000	42546700000000	2.137302776
166	UNVR	2014	96818880000000	45987820000000	2.105315712
167	UNVR	2015	109025850000000	48273600000000	2.258498434
168	UNVR	2016	120414370000000	47042580000000	2.559688903
169	WIIM	2013	44765200000000	78135900000000	0.572914627
170	WIIM	2014	47848300000000	85442500000000	0.560005852
171	WIIM	2015	39899100000000	94370900000000	0.422790288
172	WSBP	2016	63287660000000	74055010000000	0.854603355
173	WSBP	2017	76028930000000	73166560000000	1.039121287
174	WTON	2015	21926720000000	22634250000000	0.968740736
175	WTON	2016	21718450000000	24904750000000	0.872060551
176	WTON	2017	43200410000000	27479350000000	1.572104508

LAMPIRAN 5

Data Perhitungan Likuiditas, Cash Ratio

$$\text{Cash Ratio} = \frac{\text{Kas dan Setara Kas}}{\text{Hutang Lancar}}$$

NO	Nama Perusahaan	Tahun	Kas dan Setara Kas	Hutang Lancar	Cash Ratio
1	AISA	2013	316590000000	1397224000000	0.226585
2	AKPI	2015	440740000000	985626000000	0.044716759
3	ALDO	2013	74670000000	1504830000000	0.049620223
4	ALMI	2013	278500000000	1826964000000	0.015243869
5	AMFG	2013	861619000000	473960000000	1.817915014
6	AMFG	2014	1107411000000	398238000000	2.780776822
7	AMFG	2015	931761000000	479376000000	1.943695554
8	AMFG	2016	320827000000	885086000000	0.36248116
9	AMFG	2017	346195000000	996903000000	0.347270497
10	ARNA	2013	321400000000	311780000000	0.103085509
11	ARNA	2014	472350000000	315673000000	0.14963269
12	ARNA	2015	510500000000	498858000000	0.010233373
13	ASII	2013	185570000000000	711390000000000	0.260855508
14	ASII	2014	209020000000000	735230000000000	0.28429199
15	ASII	2015	271020000000000	762420000000000	0.355473361
16	ASII	2016	293570000000000	890790000000000	0.329561401
17	ASII	2017	315740000000000	987220000000000	0.319827394
18	AUTO	2013	1473625000000	2661312000000	0.553721247
19	AUTO	2014	1275050000000	3857809000000	0.330511438
20	AUTO	2015	977845000000	3625907000000	0.269682868
21	AUTO	2016	914635000000	3258146000000	0.280722534
22	BATA	2013	328700000000	257338000000	0.012773084
23	BATA	2014	403600000000	316234000000	0.012762701
24	BOLT	2015	790780000000	110875000000	0.713217587
25	BOLT	2016	819440000000	644550000000	1.271336591
26	BOLT	2017	376550000000	172769000000	0.217949979
27	BUDI	2017	664300000000	1019986000000	0.065128345
28	CEKA	2014	277130000000	718681000000	0.038560919
29	CINT	2014	763230000000	664780000000	1.148094106
30	CINT	2015	635100000000	588660000000	1.078891041
31	CINT	2016	613430000000	617050000000	0.994133377
32	CINT	2017	737540000000	660150000000	1.117230932
33	CPIN	2013	1146852000000	2327048000000	0.492835558
34	CPIN	2014	884831000000	4467240000000	0.198071068
35	CPIN	2015	1679273000000	5703842000000	0.294410855
36	CPIN	2016	2504434000000	5550257000000	0.451228475
37	DLTA	2014	415161000000	190953000000	2.174152802
38	DVLA	2013	316701000000	215473000000	1.469794359
39	DVLA	2014	321857000000	178583000000	1.802282412
40	DVLA	2016	372379000000	374428000000	0.994527653
41	EKAD	2013	984100000000	983550000000	0.10005592
42	EKAD	2016	948500000000	691100000000	1.372449718

43	EKAD	2017	112224000000	91525000000	1.226156788
44	FASW	2016	223740000000	2015617000000	0.111003231
45	FASW	2017	287858000000	3753070000000	0.076699342
46	GGRM	2013	1404108000000	20094580000000	0.069874961
47	GGRM	2014	1588110000000	23783134000000	0.066774631
48	GGRM	2015	2725891000000	24045086000000	0.113365825
49	GGRM	2016	1595120000000	21638565000000	0.073716533
50	GGRM	2017	2329179000000	22611042000000	0.103010688
51	GJTL	2013	1998591000000	2964235000000	0.674235005
52	GJTL	2014	957144000000	3116223000000	0.30714875
53	HMSP	2013	657276000000	12123790000000	0.05421374
54	HMSP	2015	1718738000000	4538674000000	0.378687255
55	HMSP	2016	5056183000000	6428478000000	0.786528786
56	ICBP	2013	5526173000000	4696583000000	1.176636929
57	ICBP	2014	7342986000000	6230997000000	1.178460847
58	ICBP	2015	7657510000000	6002344000000	1.275753272
59	ICBP	2016	8371980000000	6469785000000	1.294012089
60	ICBP	2017	8796690000000	6827588000000	1.288403753
61	IGAR	2016	103660000000	62351000000	1.662523456
62	IMAS	2013	1121533000000	10717555000000	0.104644483
63	IMPC	2016	521518000000	334534000000	1.558938703
64	IMPC	2017	355043000000	333005000000	1.066179186
65	INCI	2017	48156000000	28528000000	1.688025799
66	INDF	2013	13666194000000	19471309000000	0.701863136
67	INDF	2015	13076076000000	25107538000000	0.520802796
68	INDF	2016	13362236000000	19219441000000	0.695245819
69	INDF	2017	13689998000000	21637763000000	0.63269008
70	INDS	2013	321719000000	281799000000	1.141661255
71	INDS	2014	84727000000	335123000000	0.25282359
72	INTP	2013	12595187000000	2740089000000	4.59663427
73	INTP	2014	11256129000000	3260559000000	3.452208348
74	INTP	2015	8655562000000	2687743000000	3.22038305
75	INTP	2016	9674030000000	3187742000000	3.0347594
76	INTP	2017	8294891000000	3479024000000	2.384258056
77	JECC	2016	160863000000	992545000000	0.162071241
78	JPFA	2013	1745963000000	4361546000000	0.400308285
79	JPFA	2014	768461000000	4916448000000	0.156304104
80	JPFA	2017	1642106000000	4769640000000	0.344283007
81	KAEF	2013	394150000000	746123000000	0.528264107
82	KAEF	2014	573360000000	854812000000	0.670743976
83	KAEF	2015	460994000000	1088431000000	0.42353994
84	KAEF	2016	647684000000	1696209000000	0.381842096
85	KAEF	2017	989637000000	2369507000000	0.417655234
86	KBLI	2013	60446000000	359617000000	0.168084379
87	KBLI	2015	20884000000	337674000000	0.061846633
88	KBLI	2017	144308000000	933490000000	0.154589765
89	KBLM	2015	6748000000	342644000000	0.01969391
90	KIAS	2014	220527000000	141425000000	1.559321195
91	KINO	2015	665988000000	1291022000000	0.515861078

92	KINO	2016	376655000000	1220778000000	0.308536851
93	KINO	2017	350225000000	1085566000000	0.322619721
94	KLBF	2013	1426461000000	2640590000000	0.540205409
95	KLBF	2014	1894610000000	2385920000000	0.794079433
96	KLBF	2015	2718619000000	2365880000000	1.149094206
97	KLBF	2016	2895582000000	2317162000000	1.249624325
98	KLBF	2017	2784706000000	2227336000000	1.250240646
99	LION	2013	203833000000	63729000000	3.198433994
100	LION	2015	202395000000	133694000000	1.513867488
101	MAIN	2013	82819000000	986471000000	0.083954825
102	MERK	2014	257412000000	129820000000	1.982837775
103	MERK	2015	140832000000	132436000000	1.06339666
104	MERK	2017	59465000000	184971000000	0.321482827
105	MLBI	2016	403231000000	1326261000000	0.304035933
106	MLBI	2017	223054000000	1304114000000	0.171038728
107	MYOR	2013	1860492000000	2631646000000	0.706968946
108	MYOR	2014	712923000000	3114338000000	0.228916386
109	MYOR	2015	1682075000000	3151495000000	0.533738749
110	MYOR	2016	1543129000000	3884051000000	0.397298851
111	MYOR	2017	2201859000000	4473628000000	0.492186431
112	RICY	2015	51509000000	718198000000	0.071719776
113	ROTI	2013	101142000000	320197000000	0.31587429
114	ROTI	2014	162584000000	307609000000	0.528541103
115	ROTI	2015	515237000000	395920000000	1.301366438
116	ROTI	2017	1895070000000	1027177000000	1.844930328
117	SCCO	2013	294288000000	1043363000000	0.282057156
118	SCCO	2014	116094000000	826027000000	0.140545043
119	SCCO	2015	340056000000	819138000000	0.415138841
120	SCCO	2016	965367000000	1195158000000	0.807731697
121	SCCO	2017	777825000000	1246237000000	0.624138908
122	SIDO	2014	864791000000	181431000000	4.766500763
123	SIDO	2015	836975000000	184060000000	4.547294361
124	SIDO	2016	997135000000	215686000000	4.623086338
125	SIDO	2017	902852000000	208507000000	4.330080045
126	SKBM	2014	125051000000	256924000000	0.4867237
127	SKLT	2013	9035000000	125712000000	0.071870625
128	SKLT	2014	7281000000	141425000000	0.051483118
129	SKLT	2015	7681000000	159133000000	0.048267801
130	SKLT	2016	12779000000	169303000000	0.075480056
131	SKLT	2017	13138000000	211493000000	0.062120259
132	SMBR	2015	1251360000000	255995000000	4.888220473
133	SMBR	2016	336979000000	292238000000	1.153097818
134	SMBR	2017	486386000000	668828000000	0.727221348
135	SMCB	2013	375565000000	3262054000000	0.115131448
136	SMCB	2014	214570000000	3807545000000	0.056353897
137	SMGR	2013	4108092000000	5297631000000	0.775458313
138	SMGR	2014	4925950000000	5273269000000	0.934135922
139	SMGR	2015	3964018000000	6599190000000	0.600682508
140	SMGR	2017	3637760000000	8803577000000	0.413213856

141	SMSM	2013	93399000000	523047000000	0.178567127
142	SMSM	2015	122963000000	571712000000	0.215078571
143	SMSM	2017	71000000000	419913000000	0.169082643
144	TALF	2015	105440000000	69981000000	1.506694674
145	TALF	2016	73781000000	111360000000	0.662544899
146	TALF	2017	37580000000	127673000000	0.294345711
147	TCID	2013	73825000000	203321000000	0.363095794
148	TCID	2014	95091000000	486054000000	0.195638756
149	TCID	2016	298564000000	223305000000	1.337023354
150	TOTO	2013	252491000000	496495000000	0.508546914
151	TOTO	2014	84043000000	528815000000	0.158927035
152	TOTO	2015	167008000000	560119000000	0.298165211
153	TOTO	2016	148598000000	589150000000	0.252224391
154	TRIS	2013	62206000000	149728000000	0.415460034
155	TRIS	2014	48493000000	193750000000	0.250286452
156	TRIS	2015	65662000000	226897000000	0.289391222
157	TRIS	2016	88543000000	281766000000	0.314243024
158	TRST	2013	46831000000	1045074000000	0.044811181
159	TRST	2015	73794000000	869537000000	0.084865854
160	TSPC	2013	1792222000000	1347466000000	1.33006844
161	TSPC	2015	1736028000000	1696487000000	1.023307576
162	TSPC	2016	1686271000000	1653413000000	1.019872833
163	TSPC	2017	1973276000000	2002621000000	0.985346703
164	ULTJ	2017	2120400000000	820625000000	2.583884235
165	UNVR	2013	261202000000	8419442000000	0.031023671
166	UNVR	2014	859127000000	8864832000000	0.096914076
167	UNVR	2015	628159000000	10127542000000	0.062024823
168	UNVR	2016	373835000000	10878074000000	0.034365918
169	WIIM	2013	165349000000	409006000000	0.404270353
170	WIIM	2014	75163000000	439446000000	0.171040355
171	WIIM	2015	91876000000	341706000000	0.268874413
172	WSBP	2016	4205820000000	4766317000000	0.88240459
173	WSBP	2017	1028346000000	7593431000000	0.135425738
174	WTON	2015	823631000000	1793465000000	0.459240074
175	WTON	2016	342211000000	1863794000000	0.183609884
176	WTON	2017	637755000000	4216314000000	0.151258896

LAMPIRAN 5

Data Perhitungan Kesempatan Investasi, Capital Expenditure

$$Capex = \frac{Aset\ tetap\ t - Aset\ tetap\ t_{-1}}{Aset\ tetap\ t}$$

NO	Nama Perusahaan	Tahun	Aset Tetap t	Aset Tetap t-1	Aset Tetap t - Aset Tetap t-1	Aset Tetap t	Capex
1	AISA	2013	1443553000000	1233721000000	209832000000	1443553000000	0.145358016
2	AKPI	2015	1692447000000	1060731000000	631716000000	1692447000000	0.373256002
3	ALDO	2013	105216000000	82521000000	22695000000	105216000000	0.215699133
4	ALMI	2013	816552000000	684846000000	131706000000	816552000000	0.1612953
5	AMFG	2013	1478147000000	1384995000000	93152000000	1478147000000	0.063019443
6	AMFG	2014	1530836000000	1478147000000	52689000000	1530836000000	0.034418448
7	AMFG	2015	1822896000000	1530836000000	292060000000	1822896000000	0.160217588
8	AMFG	2016	3520207000000	1822896000000	1697311000000	3520207000000	0.482162271
9	AMFG	2017	4068690000000	3520207000000	548483000000	4068690000000	0.134805797
10	ARNA	2013	705761000000	598525000000	107236000000	705761000000	0.151943788
11	ARNA	2014	736206000000	705761000000	30445000000	736206000000	0.041353915
12	ARNA	2015	884792000000	736206000000	148586000000	884792000000	0.167933254
13	ASII	2013	3786200000000	3432600000000	353600000000	3786200000000	0.093391791
14	ASII	2014	4125000000000	3786200000000	338800000000	4125000000000	0.082133333
15	ASII	2015	4170200000000	4125000000000	452000000000	4170200000000	0.010838809
16	ASII	2016	4323700000000	4170200000000	153500000000	4323700000000	0.035502001
17	ASII	2017	4840200000000	4323700000000	516500000000	4840200000000	0.106710467
18	AUTO	2013	3182962000000	2084184000000	1098778000000	3182962000000	0.345206132

19	AUTO	2014	3305968000000	3182962000000	123006000000	3305968000000	0.037207257
20	AUTO	2015	3507217000000	3305968000000	201249000000	3507217000000	0.057381394
21	AUTO	2016	3599815000000	3507217000000	92598000000	3599815000000	0.025722989
22	BATA	2013	210124000000	187893000000	22231000000	210124000000	0.105799433
23	BATA	2014	245226000000	210124000000	35102000000	245226000000	0.143141429
24	BOLT	2015	420118000000	411139000000	8979000000	420118000000	0.021372567
25	BOLT	2016	426542000000	420118000000	6424000000	426542000000	0.015060651
26	BOLT	2017	612270000000	426542000000	185728000000	612270000000	0.303343296
27	BUDI	2017	1863833000000	1771780000000	92053000000	1863833000000	0.049389082
28	CEKA	2014	221560000000	215530000000	6030000000	221560000000	0.027216104
29	CINT	2014	152203000000	116198000000	36005000000	152203000000	0.236559069
30	CINT	2015	159053000000	152203000000	6850000000	159053000000	0.043067405
31	CINT	2016	181812000000	159053000000	22759000000	181812000000	0.125178756
32	CINT	2017	234752000000	181812000000	52940000000	234752000000	0.225514586
33	CPIN	2013	6389545000000	4593000000000	1796545000000	6389545000000	0.281169473
34	CPIN	2014	9058302000000	6389545000000	2668757000000	9058302000000	0.294620007
35	CPIN	2015	11123465000000	9058302000000	2065163000000	11123465000000	0.185658246
36	CPIN	2016	11233847000000	11123465000000	110382000000	11233847000000	0.009825841
37	DLTA	2014	113596000000	93079000000	20517000000	113596000000	0.180613754
38	DVLA	2013	243055000000	218295000000	2476000000	243055000000	0.101869947
39	DVLA	2014	267040000000	243055000000	23985000000	267040000000	0.089818005
40	DVLA	2016	404599000000	258265000000	146334000000	404599000000	0.361676623
41	EKAD	2013	104498000000	85361000000	19137000000	104498000000	0.183132692
42	EKAD	2016	354772000000	96596000000	258176000000	354772000000	0.727723721
43	EKAD	2017	364851000000	354772000000	10079000000	364851000000	0.027624976

44	FASW	2016	6271723000000	4916098000000	1355625000000	6271723000000	0.216148736
45	FASW	2017	6434773000000	6271723000000	1630500000000	6434773000000	0.025338889
46	GGRM	2013	14788915000000	10389326000000	4399589000000	14788915000000	0.297492345
47	GGRM	2014	18973272000000	14788915000000	4184357000000	18973272000000	0.220539557
48	GGRM	2015	20106488000000	18973272000000	1133216000000	20106488000000	0.056360713
49	GGRM	2016	20498950000000	20106488000000	3924620000000	20498950000000	0.019145468
50	GGRM	2017	21408575000000	20498950000000	9096250000000	21408575000000	0.042488816
51	GJTL	2013	64158150000000	61217830000000	2940320000000	64158150000000	0.045829252
52	GJTL	2014	76114530000000	64158150000000	1195638000000	76114530000000	0.157084068
53	HMSP	2013	47086690000000	41150780000000	5935910000000	47086690000000	0.126063437
54	HMSP	2015	62811760000000	59196000000000	3615760000000	62811760000000	0.057565016
55	HMSP	2016	68954830000000	62811760000000	6143070000000	68954830000000	0.089088321
56	ICBP	2013	48444070000000	38397560000000	10046510000000	48444070000000	0.20738369
57	ICBP	2014	58388430000000	48444070000000	9944360000000	58388430000000	0.170313879
58	ICBP	2015	65556600000000	58388430000000	7168170000000	65556600000000	0.109343224
59	ICBP	2016	71142880000000	65556600000000	5586280000000	71142880000000	0.078521983
60	ICBP	2017	81202540000000	71142880000000	10059660000000	81202540000000	0.123883563
61	IGAR	2016	705910000000	664900000000	4101000000	705910000000	0.058095225
62	IMAS	2013	37744280000000	29510540000000	8233740000000	37744280000000	0.218145372
63	IMPC	2016	69996600000000	46591300000000	2340530000000	69996600000000	0.33437767
64	IMPC	2017	74216000000000	69996600000000	4219400000000	74216000000000	0.05685297
65	INCI	2017	13591900000000	12853900000000	7380000000000	13591900000000	0.054297045
66	INDF	2013	230279130000000	157757410000000	72521720000000	230279130000000	0.314929625
67	INDF	2015	250963420000000	220114880000000	30848540000000	250963420000000	0.122920464
68	INDF	2016	257019130000000	250963420000000	60557100000000	257019130000000	0.02356132

69	INDF	2017	29787303000000	25701913000000	40853900000000	29787303000000	0.137152061
70	INDS	2013	10616350000000	75609800000000	30553700000000	10616350000000	0.287798537
71	INDS	2014	12473250000000	10616350000000	18569000000000	12473250000000	0.148870583
72	INTP	2013	93049920000000	79352240000000	13697680000000	93049920000000	0.147207864
73	INTP	2014	121436320000000	93049920000000	28386400000000	121436320000000	0.233755437
74	INTP	2015	138138920000000	121436320000000	16702600000000	138138920000000	0.120911616
75	INTP	2016	146346950000000	138138920000000	82080300000000	146346950000000	0.056086102
76	INTP	2017	149794530000000	146346950000000	34475800000000	149794530000000	0.023015393
77	JECC	2016	40872200000000	39618900000000	12533000000000	40872200000000	0.030663874
78	JPFA	2013	52721310000000	40647700000000	12073610000000	52721310000000	0.229008156
79	JPFA	2014	63616320000000	52721310000000	10895010000000	63616320000000	0.171261242
80	JPFA	2017	83460280000000	75120910000000	83393700000000	83460280000000	0.099920226
81	KAEF	2013	49864400000000	44797800000000	50666000000000	49864400000000	0.10160756
82	KAEF	2014	55793900000000	49864400000000	59295000000000	55793900000000	0.106275059
83	KAEF	2015	68174300000000	55793900000000	12380400000000	68174300000000	0.181599224
84	KAEF	2016	100674500000000	68174300000000	32500200000000	100674500000000	0.322824548
85	KAEF	2017	168778500000000	100674500000000	68104000000000	168778500000000	0.403511111
86	KBLI	2013	39327300000000	39054500000000	27280000000000	39327300000000	0.006936657
87	KBLI	2015	55211100000000	41155900000000	14055200000000	55211100000000	0.254571997
88	KBLI	2017	104380200000000	56053500000000	48326700000000	104380200000000	0.462987233
89	KBLM	2015	29120900000000	28975500000000	14540000000000	29120900000000	0.004992978
90	KIAS	2014	149329300000000	145898800000000	34305000000000	149329300000000	0.022972719
91	KINO	2015	100734500000000	87005300000000	13729200000000	100734500000000	0.136290943
92	KINO	2016	122235600000000	100734500000000	21501100000000	122235600000000	0.175898838
93	KINO	2017	124728300000000	122235600000000	24927000000000	124728300000000	0.019985039

94	KLBF	2013	2925547000000	2254763000000	670784000000	2925547000000	0.229284985
95	KLBF	2014	3404457000000	2925547000000	478910000000	3404457000000	0.140671479
96	KLBF	2015	3938494000000	3404457000000	534037000000	3938494000000	0.135594214
97	KLBF	2016	4555756000000	3938494000000	617262000000	4555756000000	0.135490575
98	KLBF	2017	5342660000000	4555756000000	786904000000	5342660000000	0.147286932
99	LION	2013	60441000000	30424000000	30017000000	60441000000	0.49663308
100	LION	2015	112955000000	101606000000	11349000000	112955000000	0.10047364
101	MAIN	2013	1128473000000	854678000000	273795000000	1128473000000	0.242624325
102	MERK	2014	81385000000	61627000000	19758000000	81385000000	0.24277201
103	MERK	2015	110784000000	81385000000	29399000000	110784000000	0.265372256
104	MERK	2017	177729000000	129992000000	47737000000	177729000000	0.268594321
105	MLBI	2016	1278015000000	1266072000000	11943000000	1278015000000	0.009344961
106	MLBI	2017	1364086000000	1278015000000	86071000000	1364086000000	0.063097928
107	MYOR	2013	3114329000000	2857933000000	256396000000	3114329000000	0.082327847
108	MYOR	2014	3585012000000	3114329000000	470683000000	3585012000000	0.13129189
109	MYOR	2015	3770696000000	3585012000000	185684000000	3770696000000	0.049243959
110	MYOR	2016	3859420000000	3770696000000	88724000000	3859420000000	0.022988947
111	MYOR	2017	3968757000000	3859420000000	109337000000	3968757000000	0.027549432
112	RICY	2015	338072000000	318630000000	19442000000	338072000000	0.05750846
113	ROTI	2013	1175251000000	893898000000	281353000000	1175251000000	0.239398222
114	ROTI	2014	1679982000000	1175251000000	504731000000	1679982000000	0.300438338
115	ROTI	2015	1821378000000	1679982000000	141396000000	1821378000000	0.077631332
116	ROTI	2017	1993663000000	1842722000000	150941000000	1993663000000	0.075710388
117	SCCO	2013	254394000000	224806000000	29588000000	254394000000	0.116307775
118	SCCO	2014	295398000000	254394000000	41004000000	295398000000	0.138809335

119	SCCO	2015	317988000000	295398000000	22590000000	317988000000	0.071040417
120	SCCO	2016	322518000000	317988000000	4530000000	322518000000	0.014045728
121	SCCO	2017	1687349000000	322518000000	1364831000000	1687349000000	0.808861119
122	SIDO	2014	791081000000	556376000000	234705000000	791081000000	0.296688961
123	SIDO	2015	961873000000	791081000000	170792000000	961873000000	0.177561903
124	SIDO	2016	1051227000000	961873000000	89354000000	1051227000000	0.084999719
125	SIDO	2017	1215176000000	1051227000000	163949000000	1215176000000	0.134917905
126	SKBM	2014	250714000000	149864000000	100850000000	250714000000	0.402251171
127	SKLT	2013	126032000000	101729000000	24303000000	126032000000	0.192831979
128	SKLT	2014	135211000000	126032000000	9179000000	135211000000	0.067886489
129	SKLT	2015	148557000000	135211000000	13346000000	148557000000	0.089837571
130	SKLT	2016	299674000000	148557000000	151117000000	299674000000	0.504271308
131	SKLT	2017	311810000000	299674000000	12136000000	311810000000	0.038921138
132	SMBR	2015	787024000000	557907000000	229117000000	787024000000	0.291118187
133	SMBR	2016	3480075000000	787024000000	2693051000000	3480075000000	0.773848552
134	SMBR	2017	3844488000000	3480075000000	364413000000	3844488000000	0.094788435
135	SMCB	2013	12367323000000	9588783000000	2778540000000	12367323000000	0.224667861
136	SMCB	2014	14498240000000	12367323000000	2130917000000	14498240000000	0.146977633
137	SMGR	2013	18862518000000	16794115000000	2068403000000	18862518000000	0.109656781
138	SMGR	2014	20221067000000	18862518000000	1358549000000	20221067000000	0.067184833
139	SMGR	2015	25167683000000	20221067000000	4946616000000	25167683000000	0.196546341
140	SMGR	2017	32523310000000	30864750000000	1658560000000	32523310000000	0.050996039
141	SMSM	2013	492165000000	488863000000	3302000000	492165000000	0.006709132
142	SMSM	2015	714935000000	492897000000	222038000000	714935000000	0.310570891
143	SMSM	2017	683803000000	658258000000	25545000000	683803000000	0.037357251

144	TALF	2015	118479000000	116615000000	1864000000	118479000000	0.015732746
145	TALF	2016	546285000000	118479000000	427806000000	546285000000	0.783118702
146	TALF	2017	557422000000	546285000000	11137000000	557422000000	0.019979477
147	TCID	2013	684460000000	440133000000	244327000000	684460000000	0.356963153
148	TCID	2014	923952000000	684460000000	239492000000	923952000000	0.259203941
149	TCID	2016	935345000000	902695000000	32650000000	935345000000	0.034906906
150	TOTO	2013	558783000000	461182000000	97601000000	558783000000	0.174667089
151	TOTO	2014	807117000000	558783000000	248334000000	807117000000	0.307680299
152	TOTO	2015	875127000000	807117000000	68010000000	875127000000	0.077714435
153	TOTO	2016	881752000000	875127000000	6625000000	881752000000	0.00751345
154	TRIS	2013	93497000000	71267000000	22230000000	93497000000	0.237761639
155	TRIS	2014	117375000000	93497000000	23878000000	117375000000	0.20343344
156	TRIS	2015	121531000000	117375000000	4156000000	121531000000	0.034197036
157	TRIS	2016	132954000000	121531000000	11423000000	132954000000	0.085916934
158	TRST	2013	1991932000000	1266887000000	725045000000	1991932000000	0.363990839
159	TRST	2015	2101160000000	1980023000000	121137000000	2101160000000	0.05765244
160	TSPC	2013	1203852000000	1000822000000	203030000000	1203852000000	0.168650299
161	TSPC	2015	1616562000000	1554390000000	62172000000	1616562000000	0.038459397
162	TSPC	2016	1806744000000	1616562000000	190182000000	1806744000000	0.105262284
163	TSPC	2017	1984179000000	1806744000000	177435000000	1984179000000	0.089424896
164	ULTJ	2017	1336398000000	1042072000000	294326000000	1336398000000	0.220238282
165	UNVR	2013	6874177000000	6283479000000	590698000000	6874177000000	0.085929996
166	UNVR	2014	7348025000000	6874177000000	473848000000	7348025000000	0.064486444
167	UNVR	2015	8320917000000	7348025000000	972892000000	8320917000000	0.116921248
168	UNVR	2016	9529476000000	8320917000000	1208559000000	9529476000000	0.126823238

169	WIIM	2013	218745000000	154939000000	63806000000	218745000000	0.291691239
170	WIIM	2014	309831000000	218745000000	91086000000	309831000000	0.293986076
171	WIIM	2015	331748000000	309831000000	21917000000	331748000000	0.066065206
172	WSBP	2016	1932852000000	987351000000	945501000000	1932852000000	0.489174029
173	WSBP	2017	3148701000000	1932852000000	1215849000000	3148701000000	0.386143048
174	WTON	2015	1997515000000	1671205000000	326310000000	1997515000000	0.163357972
175	WTON	2016	2219224000000	1997515000000	221709000000	2219224000000	0.09990384
176	WTON	2017	2679459000000	2219224000000	460235000000	2679459000000	0.171764151

LAMPIRAN 6

Perhitungan Profitabilitas, *Leverage*, Likuiditas dan Kesempatan Investasi

NO	Kode	TAHUN	ROA	DER	Cash Ratio	IOS	DPR
1	AISA	2013	0.069058	1.1303808	0.226585	0.145358	0.0675111
2	AKPI	2015	0.0095885	1.6031343	0.0447168	0.373256	0.1771744
3	ALDO	2013	0.0749273	1.1552226	0.0496202	0.2156991	0.0675111
4	ALMI	2013	0.0094906	3.1866776	0.0152439	0.1612953	0.2348817
5	AMFG	2013	0.0955977	0.2820511	1.817915	0.0630194	0.1026132
6	AMFG	2014	0.1170468	0.2304024	2.7807768	0.0344184	0.0757029
7	AMFG	2015	0.0799354	0.2595853	1.9436956	0.1602176	0.101715
8	AMFG	2016	0.0473114	0.5294488	0.3624812	0.4821623	0.1333108
9	AMFG	2017	0.0061535	0.7661407	0.3472705	0.1348058	0.9002048
10	ARNA	2013	0.2093804	0.4772411	0.1030855	0.1519438	0.12945
11	ARNA	2014	0.2077956	0.3803258	0.1496327	0.0413539	0.4506384
12	ARNA	2015	0.0497701	0.5991217	0.0102334	0.1679333	1.2381828
13	ASII	2013	0.1041945	1.0152371	0.2608555	0.0933918	0.4497466
14	ASII	2014	0.0937385	0.961612	0.284292	0.0821333	0.4612881
15	ASII	2015	0.0636136	0.9396916	0.3554734	0.0108388	0.6782809
16	ASII	2016	0.0698936	0.8716495	0.3295614	0.035502	0.4449787
17	ASII	2017	0.0783538	0.8911782	0.3198274	0.1067105	0.3707749
18	AUTO	2013	0.0838518	0.3200128	0.5537212	0.3452061	0.496544
19	AUTO	2014	0.0665054	0.418719	0.3305114	0.0372073	0.430869
20	AUTO	2015	0.022505	0.4136358	0.2696829	0.0573814	0.8662663
21	AUTO	2016	0.0330832	0.3868166	0.2807225	0.025723	0.1769596
22	BATA	2013	0.0651902	0.7152069	0.0127731	0.1057994	0.7734259
23	BATA	2014	0.0913432	0.8057845	0.0127627	0.1431414	0.5490456
24	BOLT	2015	0.1063338	0.2078658	0.7132176	0.0213726	1.3308763
25	BOLT	2016	0.115636	0.1520486	1.2713366	0.0150607	0.5402505
26	BOLT	2017	0.0818229	0.6495587	0.21795	0.3033433	0.6691614
27	BUDI	2017	0.015544	1.4604135	0.0651283	0.0493891	0.2461535
28	CEKA	2014	0.0319285	1.3888896	0.0385609	0.0272161	0.7255921
29	CINT	2014	0.069503	0.2518327	1.1480941	0.2365591	0.3940887
30	CINT	2015	0.0770049	0.2149788	1.078891	0.0430674	0.2035416
31	CINT	2016	0.0516331	0.2233465	0.9941334	0.1251788	0.3879917
32	CINT	2017	0.0622102	0.2466922	1.1172309	0.2255146	0.1686454
33	CPIN	2013	0.1608357	0.5799774	0.4928356	0.2811695	0.2982999
34	CPIN	2014	0.0837219	0.906414	0.1980711	0.29462	0.4318613
35	CPIN	2015	0.0742396	0.9651362	0.2944109	0.1856582	0.1610631
36	CPIN	2016	0.0919398	0.7097251	0.4512285	0.0098258	0.2136881
37	DLTA	2014	0.2904117	0.2975566	2.1741528	0.1806138	0.6670462
38	DVLA	2013	0.1057061	0.3010278	1.4697944	0.1018699	0.1958727
39	DVLA	2014	0.0654634	0.2845046	1.8022824	0.089818	0.3044644
40	DVLA	2016	0.099312	0.4184831	0.9945277	0.3616766	0.0457842
41	EKAD	2013	0.3443698	0.4454793	0.1000559	0.1831327	0.1416998
42	EKAD	2016	0.1290887	0.1866606	1.3724497	0.7277237	0.0770543
43	EKAD	2017	0.0956314	0.2020917	1.2261568	0.027625	0.1467321
44	FASW	2016	0.0906434	1.7175497	0.1110032	0.2161487	0.0764375
45	FASW	2017	0.079356	1.8494488	0.0766993	0.0253389	0.6065113

46	GGRM	2013	0.0863484	0.7259241	0.069875	0.2974923	0.0135653
47	GGRM	2014	0.0926698	0.7521168	0.0667746	0.2205396	0.0835869
48	GGRM	2015	0.1016108	0.6708473	0.1133658	0.0563607	0.2429889
49	GGRM	2016	0.105997	0.591125	0.0737165	0.0191455	0.7529755
50	GGRM	2017	0.1161677	0.5824514	0.1030107	0.0424888	0.6509961
51	GJTL	2013	0.0078387	1.6816622	0.674235	0.0458293	0.781933
52	GJTL	2014	0.0168217	1.6812826	0.3071488	0.1570841	0.1291298
53	HMSP	2013	0.3947691	0.9360315	0.0542137	0.1260634	0.9192624
54	HMSP	2015	0.2726417	0.1872393	0.3786873	0.057565	1.1821018
55	HMSP	2016	0.3002293	0.2438408	0.7865288	0.0890883	0.8111678
56	ICBP	2013	0.105092	0.6031887	1.1766369	0.2073837	0.4852517
57	ICBP	2014	0.1016323	0.6562699	1.1784608	0.1703139	0.4376073
58	ICBP	2015	0.1100557	0.6208439	1.2757533	0.1093432	0.4428349
59	ICBP	2016	0.1256421	0.562198	1.2940121	0.078522	0.4110714
60	ICBP	2017	0.1120565	0.5557469	1.2884038	0.1238836	0.5068717
61	IGAR	2016	0.157705	0.1758319	1.6625235	0.0580952	0.0701382
62	IMAS	2013	0.0278351	2.3506693	0.1046445	0.2181454	0.1291062
63	IMPC	2016	0.0552817	0.8570075	1.5589387	0.3343777	0.0768302
64	IMPC	2017	0.039789	0.7801712	1.0661792	0.056853	0.2117565
65	INCI	2017	0.0544919	0.1319361	1.6880258	0.054297	0.1093391
66	INDF	2013	0.043751	1.0350905	0.7018631	0.3149296	0.4754327
67	INDF	2015	0.0403946	1.1295949	0.5208028	0.1229205	0.5207423
68	INDF	2016	0.0640942	0.8700923	0.6952458	0.0235613	0.2800718
69	INDF	2017	0.0585069	0.8807881	0.6326901	0.1371521	0.4010448
70	INDS	2013	0.0672009	0.2531015	1.1416613	0.2877985	1.0136646
71	INDS	2014	0.0559245	0.2485059	0.2528236	0.1488706	0.4112583
72	INTP	2013	0.1883808	0.1579599	4.5966343	0.1472079	0.3304982
73	INTP	2014	0.1825866	0.1654309	3.4522083	0.2337554	0.6281956
74	INTP	2015	0.157631	0.1580666	3.2203831	0.1209116	1.1407045
75	INTP	2016	0.1283663	0.1534842	3.0347594	0.0560861	0.3947248
76	INTP	2017	0.0644346	0.1753983	2.3842581	0.0230154	1.8388165
77	JECC	2016	0.0834313	2.3746157	0.1620712	0.0306639	0.2283591
78	JPFA	2013	0.0429451	1.8440341	0.4003083	0.2290082	0.3321756
79	JPFA	2014	0.0244651	1.9736206	0.1563041	0.1712612	0.276482
80	JPFA	2017	0.0525306	1.152886	0.344283	0.0999202	0.5143283
81	KAEF	2013	0.0872359	0.5217979	0.5282641	0.1016076	0.1426902
82	KAEF	2014	0.0796888	0.6388454	0.670744	0.1062751	0.2267652
83	KAEF	2015	0.0781692	0.737946	0.4235399	0.1815992	0.1854941
84	KAEF	2016	0.0588822	1.030707	0.3818421	0.3228245	0.1832488
85	KAEF	2017	0.0544127	1.3697179	0.4176552	0.4035111	0.1612412
86	KBLI	2013	0.0549954	0.507949	0.1680844	0.0069367	0.4359853
87	KBLI	2015	0.0743466	0.5104705	0.0618466	0.254572	0.1389344
88	KBLI	2017	0.1191116	0.6867311	0.1545898	0.4629872	0.1116293
89	KBLM	2015	0.0194992	1.2072181	0.0196939	0.004993	0.4388715
90	KIAS	2014	0.0392082	0.1113692	1.5593212	0.0229727	0.2443977
91	KINO	2015	0.0819096	0.8074871	0.5158611	0.1362909	0.083378
92	KINO	2016	0.0551407	0.6825732	0.3085369	0.1758988	0.2918503
93	KINO	2017	0.0338819	0.5753409	0.3226197	0.019985	0.3255725
94	KLBF	2013	0.1741442	0.3311902	0.5402054	0.229285	0.4896445

95	KLBF	2014	0.1707111	0.2656036	0.7940794	0.1406715	0.381658
96	KLBF	2015	0.1502359	0.2521539	1.1490942	0.1355942	0.4328277
97	KLBF	2016	0.1543993	0.2216139	1.2496243	0.1354906	0.3788475
98	KLBF	2017	0.1476418	0.1959264	1.2502406	0.1472869	0.4203618
99	LION	2013	0.129894	0.1991034	3.198434	0.4966331	0.3212736
100	LION	2015	0.07198	0.4061763	1.5138675	0.1004736	0.4521176
101	MAIN	2013	0.109119	1.5674697	0.0839548	0.2426243	0.2525317
102	MERK	2014	0.2532403	0.2942237	1.9828378	0.242772	0.7714689
103	MERK	2015	0.2221549	0.354992	1.0633967	0.2653723	1.5400049
104	MERK	2017	0.1739969	0.3746427	0.3214828	0.2685943	0.8358946
105	MLBI	2016	0.4316978	1.7722729	0.3040359	0.009345	0.941804
106	MLBI	2017	0.5267036	1.357091	0.1710387	0.0630979	0.8143891
107	MYOR	2013	0.1090048	1.4652011	0.7069689	0.0823278	0.1665824
108	MYOR	2014	0.0398232	1.5096866	0.2289164	0.1312919	0.5019216
109	MYOR	2015	0.1102234	1.1836179	0.5337387	0.049244	0.1144555
110	MYOR	2016	0.1074625	1.0625529	0.3972989	0.0229889	0.1932085
111	MYOR	2017	0.1093437	1.028168	0.4921864	0.0275494	0.2878886
112	RICY	2015	0.0112386	1.9948935	0.0717198	0.0575085	0.1906282
113	ROTI	2013	0.0866933	1.3150019	0.3158743	0.2393982	0.2359586
114	ROTI	2014	0.0880016	1.2318976	0.5285411	0.3004383	0.0837425
115	ROTI	2015	0.0999655	1.2770251	1.3013664	0.0776313	0.1034675
116	ROTI	2017	0.0296879	0.6168094	1.8449303	0.0757104	0.5145123
117	SCCO	2013	0.0595687	1.4901139	0.2820572	0.1163078	0.4896629
118	SCCO	2014	0.0831029	1.0334261	0.140545	0.1388093	0.2240824
119	SCCO	2015	0.0897389	0.9224147	0.4151388	0.0710404	0.2584025
120	SCCO	2016	0.1390216	1.0074515	0.8077317	0.0140457	0.1358098
121	SCCO	2017	0.0671932	0.4693865	0.6241389	0.8088611	0.2286546
122	SIDO	2014	0.1406715	0.1237545	4.7665008	0.296689	0.97545
123	SIDO	2015	0.1564584	0.0761251	4.5472944	0.1775619	0.0822904
124	SIDO	2016	0.1608391	0.083299	4.6230863	0.0849997	0.7668758
125	SIDO	2017	0.1690201	0.0905888	4.33008	0.1349179	0.7249302
126	SKBM	2014	0.1371999	1.043138	0.4867237	0.4022512	0.1307622
127	SKLT	2013	0.0378822	1.1624705	0.0718706	0.192832	0.1811189
128	SKLT	2014	0.0497052	1.1619569	0.0514831	0.0678865	0.1676476
129	SKLT	2015	0.0532124	1.4802591	0.0482678	0.0898376	0.1721234
130	SKLT	2016	0.0363332	0.9187509	0.0754801	0.5042713	0.2007168
131	SKLT	2017	0.0361018	1.0687453	0.0621203	0.0389211	0.135301
132	SMBR	2015	0.1083561	0.1082661	4.8882205	0.2911182	0.2317579
133	SMBR	2016	0.0593038	0.399941	1.1530978	0.7738486	0.3417294
134	SMBR	2017	0.0289797	0.4827262	0.7272213	0.0947884	0.441663
135	SMCB	2013	0.0639346	0.697832	0.1151314	0.2246679	0.683845
136	SMCB	2014	0.0388982	0.9632553	0.0563539	0.1469776	0.9967154
137	SMGR	2013	0.1738811	0.41226	0.7754583	0.1096568	0.4073854
138	SMGR	2014	0.1624255	0.372452	0.9341359	0.0671848	0.4335835
139	SMGR	2015	0.1186126	0.3903794	0.6006825	0.1965463	0.4919609
140	SMGR	2017	0.0417255	0.6085752	0.4132139	0.050996	0.8852741
141	SMSM	2013	0.1988257	0.6896153	0.1785671	0.0067091	0.2553936
142	SMSM	2015	0.2077858	0.5414762	0.2150786	0.3105709	0.1560414
143	SMSM	2017	0.2273068	0.3364853	0.1690826	0.0373573	0.5184376

144	TALF	2015	0.0776537	0.2398844	1.5066947	0.0157327	0.1605671
145	TALF	2016	0.0341827	0.1726012	0.6625449	0.7831187	0.1347137
146	TALF	2017	0.0233012	0.2024055	0.2943457	0.0199795	0.1891363
147	TCID	2013	0.1092451	0.239192	0.3630958	0.3569632	0.4645391
148	TCID	2014	0.0940593	0.4438872	0.1956388	0.2592039	0.4267873
149	TCID	2016	0.0741659	0.2254106	1.3370234	0.0349069	0.508682
150	TOTO	2013	0.1354719	0.6860687	0.5085469	0.1746671	0.2094032
151	TOTO	2014	0.1449246	0.6466059	0.158927	0.3076803	0.1686022
152	TOTO	2015	0.1169224	0.6355821	0.2981652	0.0777144	0.2431312
153	TOTO	2016	0.0652988	0.6939979	0.2522244	0.0075135	0.4285587
154	TRIS	2013	0.1073364	0.5905011	0.41546	0.2377616	0.1868451
155	TRIS	2014	0.0686084	0.6926755	0.2502865	0.2034334	0.2738426
156	TRIS	2015	0.0652011	0.7446295	0.2893912	0.034197	0.2651944
157	TRIS	2016	0.0394137	0.8455025	0.314243	0.0859169	0.3317336
158	TRST	2013	0.0101094	0.9073304	0.0448112	0.3639908	0.8517867
159	TRST	2015	0.0075399	0.7156339	0.0848659	0.0576524	0.5546338
160	TSPC	2013	0.1180732	0.3999548	1.3300684	0.1686503	0.5285536
161	TSPC	2015	0.0842071	0.4490488	1.0233076	0.0384594	0.5441981
162	TSPC	2016	0.0828287	0.4208024	1.0198728	0.1052623	0.4124702
163	TSPC	2017	0.0749627	0.4629847	0.9853467	0.0894249	0.4037033
164	ULTJ	2017	0.1372063	0.2324167	2.5838842	0.2202383	0.105522
165	UNVR	2013	0.4010001	2.1373028	0.0310237	0.08593	0.9465113
166	UNVR	2014	0.4018385	2.1053157	0.0969141	0.0644864	0.9400347
167	UNVR	2015	0.3720169	2.2584984	0.0620248	0.1169212	0.9883344
168	UNVR	2016	0.3816307	2.5596889	0.0343659	0.1268232	0.9539482
169	WIIM	2013	0.1076654	0.5729146	0.4042704	0.2916912	0.0571031
170	WIIM	2014	0.0842556	0.5600059	0.1710404	0.2939861	0.3533948
171	WIIM	2015	0.0976249	0.4227903	0.2688744	0.0660652	0.2162632
172	WSBP	2016	0.0462216	0.8546034	0.8824046	0.489174	0.5898225
173	WSBP	2017	0.0670483	1.0391213	0.1354257	0.386143	0.3173051
174	WTON	2015	0.0385503	0.9687407	0.4592401	0.163358	0.5737376
175	WTON	2016	0.0603923	0.8720606	0.1836099	0.0999038	0.1853826
176	WTON	2017	0.048108	1.5721045	0.1512589	0.1717642	0.2400155

LAMPIRAN 7

1. Hasil Uji Analisis Deskriptif

	DPR	ROA	DER	CASH_RATIO	CAPEX
Mean	0.412001	0.106119	0.763005	0.788758	0.163446
Median	0.336953	0.083787	0.637214	0.402289	0.126443
Maximum	1.838817	0.526704	3.186678	4.888221	0.808861
Minimum	0.013565	0.006154	0.076125	0.010233	0.004993
Std. Dev.	0.309945	0.086392	0.564233	0.997654	0.147976
Skewness	1.471196	2.212643	1.353906	2.361664	1.911945
Kurtosis	5.757600	8.784746	5.041624	8.831401	7.870231
Jarque-Bera	119.2549	389.0072	84.33678	412.9771	281.1694
Probability	0.000000	0.000000	0.000000	0.000000	0.000000
Sum	72.51223	18.67698	134.2889	138.8215	28.76651
Sum Sq. Dev.	16.81156	1.306125	55.71276	174.1800	3.831950
Observations	176	176	176	176	176

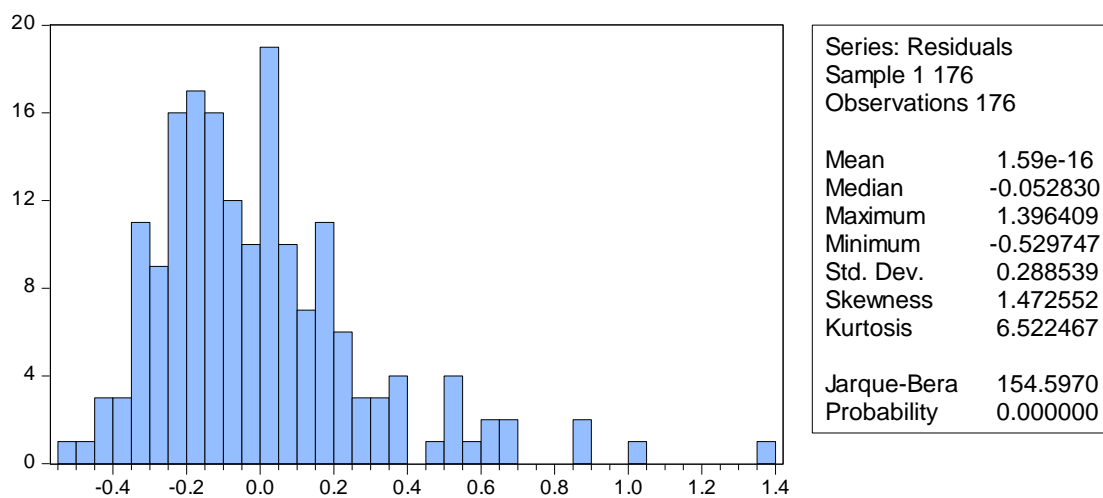
2. Hasil Analisis Linier Berganda

Dependent Variable: DPR
Method: Least Squares
Date: 11/25/18 Time: 21:07
Sample: 1 176
Included observations: 176

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.356948	0.063965	5.580357	0.0000
ROA	1.113715	0.258925	4.301307	0.0000
DER	-0.024597	0.045445	-0.541253	0.5890
CASH_RATIO	0.010672	0.025792	0.413765	0.6796
CAPEX	-0.322940	0.150275	-2.148988	0.0330
R-squared	0.133360	Mean dependent var		0.412001
Adjusted R-squared	0.113088	S.D. dependent var		0.309945
S.E. of regression	0.291894	Akaike info criterion		0.403146
Sum squared resid	14.56956	Schwarz criterion		0.493216
Log likelihood	-30.47683	Hannan-Quinn criter.		0.439678
F-statistic	6.578468	Durbin-Watson stat		1.904257
Prob(F-statistic)	0.000060			

3. Uji Asumsi Klasik

a. Uji Normalitas



b. Uji Multikolinearitas

Variance Inflation Factors
 Date: 11/25/18 Time: 21:14
 Sample: 1 176
 Included observations: 176

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	0.004092	8.451789	NA
ROA	0.067042	2.587277	1.027735
DER	0.002065	3.834019	1.350420
CASH_RATIO	0.000665	2.214901	1.359969
CAPEX	0.022583	2.261851	1.015653

c. Uji Heterokedastisitas

Heteroskedasticity Test: Glejser

F-statistic	1.493033	Prob. F(4,171)	0.2064
Obs*R-squared	5.939328	Prob. Chi-Square(4)	0.2037
Scaled explained SS	7.226356	Prob. Chi-Square(4)	0.1244

Test Equation:

Dependent Variable: ARESID

Method: Least Squares

Date: 11/25/18 Time: 21:07

Sample: 1 176

Included observations: 176

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.235802	0.042415	5.559400	0.0000
ROA	0.108233	0.171692	0.630390	0.5293
DER	-0.037136	0.030134	-1.232368	0.2195
CASH_RATIO	0.014583	0.017103	0.852664	0.3950
CAPEX	-0.110489	0.099647	-1.108808	0.2691
R-squared	0.033746	Mean dependent var		0.212395
Adjusted R-squared	0.011144	S.D. dependent var		0.194641
S.E. of regression	0.193553	Akaike info criterion		-0.418529
Sum squared resid	6.406157	Schwarz criterion		-0.328459
Log likelihood	41.83056	Hannan-Quinn criter.		-0.381997
F-statistic	1.493033	Durbin-Watson stat		2.006261
Prob(F-statistic)	0.206407			

d. Uji Autokorelasi

Dependent Variable: DPR

Method: Least Squares

Date: 11/25/18 Time: 21:07

Sample: 1 176

Included observations: 176

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.356948	0.063965	5.580357	0.0000
ROA	1.113715	0.258925	4.301307	0.0000
DER	-0.024597	0.045445	-0.541253	0.5890
CASH_RATIO	0.010672	0.025792	0.413765	0.6796
CAPEX	-0.322940	0.150275	-2.148988	0.0330
R-squared	0.133360	Mean dependent var		0.412001
Adjusted R-squared	0.113088	S.D. dependent var		0.309945
S.E. of regression	0.291894	Akaike info criterion		0.403146
Sum squared resid	14.56956	Schwarz criterion		0.493216
Log likelihood	-30.47683	Hannan-Quinn criter.		0.439678
F-statistic	6.578468	Durbin-Watson stat		1.904257
Prob(F-statistic)	0.000060			