

LAMPIRAN

Lampiran 1 Output

1. UJI HIPOTESIS

Dependent Variable: DAR
Method: Least Squares
Date: 04/02/18 Time: 10:39
Sample: 1 102
Included observations: 102

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.051130	0.037105	1.377986	0.1714
ROA	-0.263270	0.254298	-1.035283	0.3031
KI	-0.194401	0.068655	-2.831545	0.0056
DIV	-0.055097	0.017635	-3.124338	0.0024
GROWTH	0.019326	0.010530	1.835353	0.0695
SIZE	0.035878	0.005761	6.227447	0.0000
R-squared	0.331360	Mean dependent var		0.228245
Adjusted R-squared	0.296535	S.D. dependent var		0.124084
S.E. of regression	0.104073	Akaike info criterion		-1.630424
Sum squared resid	1.039796	Schwarz criterion		-1.476014
Log likelihood	89.15163	Hannan-Quinn criter.		-1.567898
F-statistic	9.515020	Durbin-Watson stat		1.733540
Prob(F-statistic)	0.000000			

2. UJI HETERO

Heteroskedasticity Test: White

F-statistic	0.667167	Prob. F(20,81)	0.8464
Obs*R-squared	14.42625	Prob. Chi-Square(20)	0.8082
Scaled explained SS	18.72482	Prob. Chi-Square(20)	0.5398

Test Equation:

Dependent Variable: RESID^2

Method: Least Squares

Date: 04/02/18 Time: 10:38

Sample: 1 102

Included observations: 102

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.126398	0.108058	-1.169718	0.2455
ROA	-0.023865	0.240226	-0.099344	0.9211
ROA^2	-0.253741	1.323775	-0.191680	0.8485
ROA*KI	-0.391859	0.488041	-0.802922	0.4244
ROA*DIV	0.237371	0.295604	0.803004	0.4243
ROA*GROWTH	0.103281	0.091723	1.126013	0.2635
ROA*SIZE	0.009920	0.044475	0.223051	0.8241
KI	0.039344	0.063205	0.622482	0.5354
KI^2	-0.112946	0.060533	-1.865864	0.0657
KI*DIV	-0.026886	0.062339	-0.431290	0.6674
KI*GROWTH	-0.004212	0.019026	-0.221403	0.8253
KI*SIZE	0.010107	0.008864	1.140273	0.2575
DIV	0.007074	0.058651	0.120613	0.9043
DIV^2	0.002824	0.010006	0.282294	0.7784
DIV*GROWTH	-0.010043	0.032320	-0.310733	0.7568
DIV*SIZE	-0.001037	0.009599	-0.108009	0.9143
GROWTH	0.000572	0.010263	0.055698	0.9557
GROWTH^2	0.000373	0.000996	0.374808	0.7088
GROWTH*SIZE	-0.000720	0.001978	-0.364184	0.7167
SIZE	0.033376	0.027363	1.219786	0.2261
SIZE^2	-0.002158	0.001666	-1.295707	0.1988

R-squared	0.141434	Mean dependent var	0.010194
Adjusted R-squared	-0.070558	S.D. dependent var	0.017537
S.E. of regression	0.018145	Akaike info criterion	-4.999550
Sum squared resid	0.026670	Schwarz criterion	-4.459114
Log likelihood	275.9770	Hannan-Quinn criter.	-4.780709
F-statistic	0.667167	Durbin-Watson stat	1.869425
Prob(F-statistic)	0.846402		

3. UJI MULTIKOL

Variance Inflation Factors
 Date: 04/02/18 Time: 10:34
 Sample: 1 102
 Included observations: 102

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	0.001377	12.96543	NA
ROA	0.064668	2.450952	1.312220
KI	0.004714	6.875603	1.434788
DIV	0.000311	1.229766	1.162355
GROWTH	0.000111	1.130732	1.097374
SIZE	3.32E-05	18.09839	1.497562

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UJI DESKRIPTIF

	DAR	ROA	KI	DIV	GROWTH	SIZE
Mean	0.406129	0.079541	0.610722	0.250596	0.333265	12.82213
Median	0.410011	0.071094	0.650003	0.117827	0.141613	12.88593
Maximum	0.740222	0.316106	0.947393	6.896452	8.156185	13.65900
Minimum	0.053239	0.004053	0.079302	2.08E-06	-0.871240	11.47809
Std. Dev.	0.158199	0.049844	0.225604	0.727250	1.007389	0.454050
Skewness	-0.311858	1.566555	-0.632059	7.974046	5.309658	-0.323501
Kurtosis	2.322995	7.230088	2.481030	70.98851	38.77294	2.481615
Jarque-Bera Probability	3.601271 0.165194	117.7676 0.000000	7.936129 0.018910	20726.31 0.000000	5918.009 0.000000	2.921171 0.232100
Sum	41.42520	8.113164	62.29361	25.56084	33.99305	1307.857
Sum Sq. Dev.	2.527703	0.250924	5.140630	53.41814	102.4982	20.82226
Observations	102	102	102	102	102	102

Lampiran 2
Perusahaan yang Memenuhi Kriteria

No.	Kode Saham	Nama Perusahaan
1	APLN	Agung Podomoro Land Tbk.
2	ASRI	Alam Sutera Realty Tbk.
3	BEST	Bekasi Asri Pemula Tbk.
4	BKSL	Sentul City Tbk.
5	BSDE	Bumi Serpong Damai Tbk.
6	COWL	Cowell Development Tbk.
7	CTRA	Ciputra Development Tbk.
8	DART	Duta Anggada Realty Tbk.
9	DILD	Intiland Development Tbk.
10	DMAS	Pura Delta Lestari Tbk
11	DUTI	Duta Pertiwi Tbk.
12	ELTY	Bakrieland Development Tbk.
13	EMDE	Megapolitan Development Tbk.
14	GMTD	Goa Makassar Tourism Development Tbk.
15	GPRA	Perdana Gapura Prima Tbk.
16	GWSA	Green Wood Sejahtera Tbk.
17	JRPT	Jaya Real Property Tbk.
18	KIJA	Kawasan Industri Jababeka Tbk.
19	KPIG	MNC Land Tbk.
20	LCGP	Eureka Prima Jakarta Tbk. (<i>d.h Laguna Cipta Griya Tbk.</i>)
21	LPKR	Lippo Karawaci Tbk.
22	MDLN	Modernland Realty Tbk.
23	MKPI	Metropolitan Kentjana Tbk.
24	MTLA	Metropolitan Land Tbk.
25	PPRO	PP Properti Tbk.
26	PWON	Pakuwon Jati Tbk.
27	RDTX	Roda Vivatex Tbk.
28	RODA	Pikko Land Development Tbk.
29	SCBD	Dadanayasa Arthatama Tbk.
30	SMRA	Summarecon Agung Tbk.
31	SSIA	Surya Semesta Internusa Tbk.

Lampiran 3

Data Mentah

No	Perusahaan	Tahun	DAR	ROA	KI	DIV	GROWTH	S I Z E
1	APLN	2012	0.41781 1	0.05536 4	0.7007	0.14621033 2	0.226283	1 3 . 1 8 1 7 2
2	APLN	2013	0.3665	0.04726 9	0.7007	0.13222967 7	0.045157	1 3 . 2 9 4 0 2
3	APLN	2014	0.64271 9	0.04141 6	0.70971 2	0.12539237 9	0.080669	1 3 . 3 7 4 4 9
4	APLN	2015	0.63057 9	0.04547 2	0.85696 3	0.13980402 1	0.127444	1 3 . 3 9 0 0 2 1
5	APLN	2016	0.61221 3	0.03654 9	0.7712	0.12395216 6	0.005923	1 3 . 4 1 0 1 4
6	ASRI	2012	0.56772 4	0.11109 5	0.4699	0.09904755 6	0.771421	1 3 . 0 3 9 2 7

7	ASRI	2013	0.63045 8	0.06165 6	0.51807 9	0.32249208 8	0.505976	1 3 . 1 5 9 2 1
8	ASRI	2014	0.36719 5	0.06954 2	0.51481 4	0.11686586 9	-0.01447	1 3 . 2 2 8 5 1
9	ASRI	2015	0.64711 6	0.03657 4	0.51481 4	0.20100591 1	-0.23333	1 3 . 2 7 2 0 7
10	BEST	2013	0.26291 1	0.22165 3	0.6796	0.12294646 6	0.381324	1 2 . 5 2 6 3 7
11	BEST	2014	0.21995 4	0.10713 2	0.5796	0.05609975 3	-0.37018	1 2 . 5 6 2 6 5
12	BEST	2015	0.34313 4	0.04576 1	0.41866 1	0.10378547 7	-0.18181	1 2 . 6 6 5 7
13	BEST	2016	0.34858 9	0.06460 4	0.41866 1	0.03528581 8	0.200045	1 2 . 7 1 6 4 5

14	BKSL	2014	0.12373 6	0.00405 3	0.4763	0.19390682 4	-0.663	1 2 . 9 9 9 4 3
15	BKSL	2015	0.12275 8	0.00553 3	0.5447	0.00230030 5	-0.29067	1 3 . 0 4 7 1 2
16	BSDE	2012	0.37149 4	0.08825 5	0.73873 2	0.11831418 1	0.328354	1 3 . 2 2 4 1 9
17	BSDE	2013	0.40566 8	0.12872 6	0.63126 9	0.09032577 4	0.540116	1 3 . 3 5 3 5 8
18	BSDE	2014	0.34251 6	0.14159 6	0.6488	0.06899814 6	-0.0295	1 3 . 4 5 0 3 5
19	BSDE	2015	0.38658	0.06527 6	0.646	0.12277914 9	0.11445	1 3 . 5 5 6 5 7
20	BSDE	2016	0.36402 4	0.05321	0.61059 6	0.04723028 3	0.050277	1 3 . 5 8 3 1

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21	COWL	2012	0.2017	0.03917 8	0.94739 3	0.04782398 3	0.640676	1 2 . 2 5 0 0 4
22	CTRA	2012	0.41435 5	0.05653 7	0.07930 2	0.08203032 4	-0.73228	1 1 . 4 7 8 0 9
23	CTRA	2013	0.4392	0.06981 2	0.07930 2	0.04929653 5	0.527979	1 3 . 3 0 6 3 3
24	CTRA	2014	0.50496 7	0.07624	0.3832	0.15899844 6	0.30757	1 3 . 3 7 1 7 8
25	CTRA	2015	0.50301 4	0.06627 5	0.4392	0.09084757 4	0.119837	1 3 . 4 1 9 2 7
26	CTRA	2016	0.50819 3	0.04026 9	0.4392	0.10466334	0.807412	1 3 . 4 1 9 2 7
27	DART	2013	0.38624 1	0.03791 6	0.10332 3	0.48440980 7	0.171748	1 2 . 6 7 8

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28	DART	2014	0.36514 4	0.07978 2	0.10332 3	0.21463361 4	0.650562	1 2 . 7 0 8 7 8
29	DART	2015	0.40270 3	0.03097	0.8966	2.08139E-06	-0.37484	1 2 . 7 5 8 8 9
30	DILD	2012	0.35142 9	0.03290 3	0.4213	0.08781131 1	-0.47166	1 2 . 7 8 4 7 4
31	DILD	2013	0.45518 6	0.04373 6	0.4213	0.00979559	1421.638	1 2 . 8 7 7 1 6
32	DILD	2014	0.50342 7	0.04804 5	0.4213	0.01164568 2	-0.28697	1 2 . 9 5 4 6 1
33	DILD	2015	0.53629 8	0.04072 9	0.4213	0.01202737 1	-0.09177	1 3 . 0 1 2 3 6
34	DILD	2016	0.57285	0.02511 4	0.57862 2	0.04551219 4	3.979684	1 3 . 0 7 3

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35	DMAS	2015	0.10572 1	0.17087 4	0.9	1.15360899 9	0.346442	1 2 . 9 0 3 4 8
36	DMAS	2016	0.05323 9	0.09707 4	0.82281 9	0.69986190 5	0.099889	1 2 . 8 9 2 3 1
37	DUTI	2012	0.21791 3	0.09303 8	0.88560 7	0.06379339	-0.0574	1 2 . 8 1 9 0 3
38	DUTI	2013	0.19114 6	0.10127 1	0.88560 7	0.09387301 4	0.104466	1 2 . 8 7 3 5 3
39	DUTI	2014	0.21841 6	0.08629 4	0.88560 7	0.05854514 5	-0.00564	1 2 . 9 1 0 1 3
40	DUTI	2015	0.24224 9	0.07442 7	0.8889	0.14007971 2	0.122281	1 2 . 9 5 4 9 6
41	DUTI	2016	0.19596 2	0.08673 5	0.88560 7	0.14395589 5	0.555217	1 2 . 9 8

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42	ELTY	2014	0.46863 9	0.03131 2	0.2439	0.61577267 2	-0.75874	1 3 . 1 6 7 5 1
43	EMDE	2015	0.44823 5	0.05122 6	0.66776 7	0.05467756	0.2642	1 2 . 0 7 7 7 5
44	EMDE	2016	0.49547 4	0.04801 1	0.72818 4	0.10233666 9	0.66078	1 2 . 1 3 4 4 7
45	GMTD	2012	0.74022 2	0.07147 8	0.65000 3	0.05607670 6	0.267753	1 1 . 9 5 4 5 3
46	GMTD	2013	0.69155 1	0.07022 8	0.65000 3	0.05173661 5	0.25499	1 2 . 1 1 6 5 5
47	GMTD	2014	0.56288 3	0.07873 7	0.685	0.04230250 7	0.051658	1 2 . 1 8 3 0 5
48	GMTD	2015	0.56494 4	0.09301 1	0.65000 3	0.05569851 1	0.0076	1 2 . 1 1 0

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49	GMTD	2016	0.48033 4	0.07071	0.65	0.05257128 5	-0.09098	1 2 . 0 8 9 6 1
50	GPRA	2012	0.46342 9	0.04295 5	0.84742 1	0.08548523	8.156185	1 2 . 1 1 7 3 5
51	GPRA	2013	0.39899 3	0.07992 3	0.84742 1	0.08011635 8	0.454729	1 2 . 1 2 4 7 3
52	GPRA	2014	0.12630 7	0.06077 3	0.83585 6	0.11592613 5	0.089885	1 2 . 1 8 1 1 5
53	GPRA	2015	0.39826 8	0.04630 6	0.72236 1	0.11734011	-0.26402	1 2 . 1 9 7 0 5
54	GPRA	2016	0.35629 4	0.02994 7	0.8525	0.45500428 6	0.030996	1 2 . 1 9 5 7 1
55	GWSA	2012	0.20456 7	0.20932 3	0.85283 5	0.01059139 3	1.765908	1 2 . 3

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56	GWSA	2013	0.12266 4	0.07056 8	0.7949	0.09559414 2	-0.87124	1 2 . 3 1 0 8 4
57	JRPT	2012	0.55556	0.08561 5	0.7912	0.26524275 5	0.233607	1 2 . 6 9 8 8 2
58	JRPT	2013	0.56569 4	0.08863 4	0.7595	0.25613725 4	0.194096	1 2 . 7 8 9 8
59	JRPT	2014	0.52004 1	0.10885 8	0.79615 8	0.24426817 9	-0.20058	1 2 . 8 2 5 0 8
60	JRPT	2015	0.45356 6	0.11477 5	0.79097 3	0.27059926 5	0.203205	1 2 . 8 7 9 5 6
61	JRPT	2016	0.42171 8	0.11996 7	0.80742	0.27789311 4	0.881473	1 2 . 9 2 8 6 2
62	KIJA	2013	0.49276 8	0.01265 6	0.16632 1	0.25501018	0.956001	1 2 . 9

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63	KIJA	2014	0.45169 4	0.04687 1	0.16647 7	0.01771046 8	-0.543	1 2 . 9 2 9 8 8
64	KIJA	2015	0.52307 4	0.03402 7	0.25848	0.08468729 6	0.109062	1 2 . 9 8 8 5 9
65	KPIG	2014	0.24273 5	0.04215 4	0.55221 4	0.15117215 6	0.722772	1 2 . 9 9 8 5 5 1
66	KPIG	2015	0.25374 2	0.02154 1	0.55221 4	0.28432361 5	0.124556	1 3 . 0 4 6 3 9
67	LCGP	2014	0.06716 2	0.01006 6	0.4004	6.89645171 4	1.050747	1 2 . 2 3 9 5 3
68	LPKR	2012	0.53878 4	0.05319 2	0.17881 4	0.13418029 3	0.470365	1 3 . 3 9 5 6 6
69	LPKR	2013	546.907 9	0.09572 2	0.17881 4	9.00936E-05	0	1 3 .

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70	LPKR	2014	0.53134 4	0.08294 4	0.24461 5	0.10191241	0.748375	1 3 . 5 7 8 1 4
71	LPKR	2015	0.54226 1	0.02478 1	0.24460 9	0.37105003 8	-0.22858	1 3 . 6 1 6 2 3
72	LPKR	2016	0.51593 5	0.02691 4	0.41332 1	0.06517980 7	0.210737	1 3 . 6 5 5 9
73	MDLN	2014	0.48969 5	0.06807 9	0.31504 4	0.08811067 9	0.566599	1 3 . 0 1 5 3 2
74	MDLN	2015	0.54640 4	0.03448	0.28829 3	0.29998385 5	-0.13375	1 3 . 1 0 8 6 7
75	MKPI	2012	0.33044	0.14219 4	0.7626	0.39176146 5	0.075486	1 2 . 4 0 7 0 9
76	MKPI	2013	0.32411 6	0.12877 3	0.7626	0.22215662 8	0.124622	1 2 . 4

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77	MKPI	2014	0.49914 6	0.10135 4	0.7626	0.44433217	0.155782	1 2 · 6 3 5 1
78	MKPI	2015	0.50446 5	0.15581 9	0.7626	0.23842638 9	0.813576	1 2 · 7 5 6 5 9
79	MKPI	2016	0.43817 4	0.18138 8	0.7626	0.25851777 9	0.224561	1 2 · 8 2 0 3 5
80	MTLA	2012	0.22916 2	0.10115 1	0.8881	0.10445524 5	0.252775	1 2 · 3 0 4 4 4
81	MTLA	2013	0.37739 8	0.08501 3	0.8882	0.16905754 4	0.259668	1 2 · 4 5 2 4 7
82	MTLA	2014	0.37332 7	0.09512 3	0.8889	0.15932377 1	0.307329	1 2 · 5 1 1 9 8
83	MTLA	2015	0.38874	0.06628	0.8888	0.14212279 1	-0.02551	1 2 · 5

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84	MTLA	2016	0.36366 6	0.08048 6	0.8426	0.07739427 6	0.049719	1 2 . 5 9 4 6 7
85	MTSM	2013	0.15854 3	-0.02117	0.80943 2	-306.165562	0.693792	1 0 . 9 9 1 8
86	PPRO	2016	0.34894 2	0.04139 6	0.64957 7	0.16439306 6	0.428448	1 2 . 9 4 5 7 8
87	PWON	2012	0.58569 8	0.10131	0.7039	0.08987234 2	0.464982	1 2 . 8 7 8 8 6
88	PWON	2013	0.55878 7	0.12223 2	0.5219	0.06069048 4	0.399188	1 2 . 9 6 8 8 4
89	PWON	2014	0.5061	0.15498 1	0.5761	0.08325026 6	0.278063	1 3 . 2 2 4 5 5
90	PWON	2015	0.49648 6	0.07458 4	0.5219	0.00938708 7	0.194403	1 3 . 2 7 3

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91	PWON	2016	0.46698 2	0.08611	0.56130 4	0.12151676 7	0.046713	1 3 . 3 1 5 4 3
92	RDTX	2014	0.17747 3	0.12061 9	0.8178	0.12087052 2	0.031799	1 2 . 1 9 0 2 4
93	RDTX	2015	0.15094 5	0.13816	0.7499	0.08882688 6	-0.02123	1 2 . 2 7 2 3 4
94	RDTX	2016	0.13003	0.12371 1	0.7499	0.07803214 4	-0.03643	1 2 . 3 2 2 5 8
95	RODA	2013	0.37390 5	0.13697 6	0.68306 7	0.09960468 4	2.041784	1 2 . 4 3 9 4 7
96	RODA	2014	0.31375 2	0.16866 9	0.68306 7	0.25983925	0.070312	1 2 . 4 8 6 8 2
97	RODA	2015	0.22407 6	0.14839 3	0.68306 7	0.16193887 5	0.541415	1 2 . 5 0

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98	SCBD	2012	0.16257 4	0.01951 9	0.82410 4	2.67195123 3	-0.00583	1 2 . 5 5 1 3 2
99	SCBD	2013	0.35270 9	0.31610 6	0.82410 4	0.06484620 4	2.987123	1 2 . 7 4 4 3 3
10 0	SMRA	2012	0.35524 5	0.07282 6	0.4182	0.19924490 8	0.467858	1 3 . 0 3 6 4 8
10 1	SMRA	2013	0.65900 7	0.08023 1	0.3764	0.28259479 7	0.182095	1 3 . 1 3 5 4 2
10 2	SMRA	2014	0.61034 9	0.09021 9	0.3764	0.23881013 8	0.30285	1 3 . 1 8 6 9 4
10 3	SMRA	2015	0.59859	0.05672 6	0.3764	0.27072955 3	0.054366	1 3 . 2 7 3 1 9
10 4	SMRA	2016	0.60762	0.02907 5	0.3764	0.11900744 9	-0.04012	1 3 . 3 1

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10 5	SSIA	2014	0.59447 2	0.07946 1	0.589	0.00034815 9	-0.02582	1 2 . 8 1 0 5

Lampiran 4
Data Setelah Outlier

No.	Perusahaan	Tahun	DAR	ROA	KI	DIV	GROWTH	SIZE
1	APLN	2012	0.417811	0.055364	0.7007	0.146210332	0.22628346	13.18172
2	APLN	2013	0.3665	0.047269	0.7007	0.132229677	0.04515728	13.29402
3	APLN	2014	0.642719	0.041416	0.709712	0.125392379	0.08066906	13.37449
4	APLN	2015	0.630579	0.045472	0.856963	0.139804021	0.12744411	13.39021
5	APLN	2016	0.612213	0.036549	0.7712	0.123952166	0.00592308	13.41014
6	ASRI	2012	0.567724	0.111095	0.4699	0.099047556	0.77142066	13.03927
7	ASRI	2013	0.630458	0.061656	0.518079	0.322492088	0.50597566	13.15921
8	ASRI	2014	0.367195	0.069542	0.514814	0.116865869	-0.014474	13.22851
9	ASRI	2015	0.647116	0.036574	0.514814	0.201005911	-0.2333334	13.27207
10	BEST	2013	0.262911	0.221653	0.6796	0.122946466	0.38132407	12.52637
11	BEST	2014	0.219954	0.107132	0.5796	0.056099753	-0.3701779	12.56265
12	BEST	2015	0.343134	0.045761	0.418661	0.103785477	-0.1818122	12.6657
13	BEST	2016	0.348589	0.064604	0.418661	0.035285818	0.20004498	12.71645
14	BKSL	2014	0.123736	0.004053	0.4763	0.193906824	-0.6629971	12.99943
15	BKSL	2015	0.122758	0.005533	0.5447	0.002300305	-0.2906712	13.04712
16	BSDE	2012	0.371494	0.088255	0.738732	0.118314181	0.32835391	13.22419
17	BSDE	2013	0.405668	0.128726	0.631269	0.090325774	0.5401164	13.35358
18	BSDE	2014	0.342516	0.141596	0.6488	0.068998146	-0.0295043	13.45035
19	BSDE	2015	0.38658	0.065276	0.646	0.122779149	0.11445017	13.55657
20	BSDE	2016	0.364024	0.05321	0.610596	0.047230283	0.05027659	13.58311
21	COWL	2012	0.2017	0.039178	0.947393	0.047823983	0.6406758	12.25004
22	CTRA	2012	0.414355	0.056537	0.079302	0.082030324	-0.7322796	11.47809
23	CTRA	2013	0.4392	0.069812	0.079302	0.049296535	0.52797893	13.30633
24	CTRA	2014	0.504967	0.07624	0.3832	0.158998446	0.30756958	13.37178
25	CTRA	2015	0.503014	0.066275	0.4392	0.090847574	0.11983661	13.41927
26	CTRA	2016	0.508193	0.040269	0.4392	0.10466334	0.80741229	13.41927
27	DART	2013	0.386241	0.037916	0.103323	0.484409807	0.17174753	12.67838
28	DART	2014	0.365144	0.079782	0.103323	0.214633614	0.65056169	12.70878
29	DART	2015	0.402703	0.03097	0.8966	2.08139E-06	-0.374836	12.7589
30	DILD	2012	0.351429	0.032903	0.4213	0.087811311	-0.4716579	12.78474
31	DILD	2014	0.503427	0.048045	0.4213	0.011645682	-0.2869652	12.95461
32	DILD	2015	0.536298	0.040729	0.4213	0.012027371	-0.0917664	13.01236
33	DILD	2016	0.57285	0.025114	0.578622	0.045512194	3.97968444	13.07335
34	DMAS	2015	0.105721	0.170874	0.9	1.153608999	0.34644196	12.90348
35	DMAS	2016	0.053239	0.097074	0.822819	0.699861905	0.09988882	12.89231
36	DUTI	2012	0.217913	0.093038	0.885607	0.06379339	-0.0573997	12.81903
37	DUTI	2013	0.191146	0.101271	0.885607	0.093873014	0.10446596	12.87353
38	DUTI	2014	0.218416	0.086294	0.885607	0.058545145	-0.0056396	12.91013

39	DUTI	2015	0.242249	0.074427	0.8889	0.140079712	0.1222813	12.95496
40	DUTI	2016	0.195962	0.086735	0.885607	0.143955895	0.5552167	12.98642
41	ELTY	2014	0.468639	0.031312	0.2439	0.615772672	-0.7587381	13.16751
42	EMDE	2015	0.448235	0.051226	0.667767	0.05467756	0.26420042	12.07775
43	EMDE	2016	0.495474	0.048011	0.728184	0.102336669	0.66077992	12.1347
44	GMTD	2012	0.740222	0.071478	0.650003	0.056076706	0.26775342	11.95453
45	GMTD	2013	0.691551	0.070228	0.650003	0.051736615	0.25499036	12.11655
46	GMTD	2014	0.562883	0.078737	0.685	0.042302507	0.05165814	12.18305
47	GMTD	2015	0.564944	0.093011	0.650003	0.055698511	0.00759958	12.10517
48	GMTD	2016	0.480334	0.07071	0.65	0.052571285	-0.0909789	12.08961
49	GPRA	2012	0.463429	0.042955	0.847421	0.08548523	8.1561853	12.11735
50	GPRA	2013	0.398993	0.079923	0.847421	0.080116358	0.45472894	12.12473
51	GPRA	2014	0.126307	0.060773	0.835856	0.115926135	0.08988539	12.18115
52	GPRA	2015	0.398268	0.046306	0.722361	0.11734011	-0.2640183	12.19705
53	GPRA	2016	0.356294	0.029947	0.8525	0.455004286	0.03099613	12.19571
54	GWSA	2012	0.204567	0.209323	0.852835	0.010591393	1.76590762	12.31699
55	GWSA	2013	0.122664	0.070568	0.7949	0.095594142	-0.8712396	12.31084
56	JRPT	2012	0.55556	0.085615	0.7912	0.265242755	0.23360747	12.69882
57	JRPT	2013	0.565694	0.088634	0.7595	0.256137254	0.19409599	12.7898
58	JRPT	2014	0.520041	0.108858	0.796158	0.244268179	-0.2005792	12.82508
59	JRPT	2015	0.453566	0.114775	0.790973	0.270599265	0.20320512	12.87956
60	JRPT	2016	0.421718	0.119967	0.80742	0.277893114	0.88147302	12.92862
61	KIJA	2013	0.492768	0.012656	0.166321	0.25501018	0.95600139	12.91686
62	KIJA	2014	0.451694	0.046871	0.166477	0.017710468	-0.5430021	12.92988
63	KIJA	2015	0.523074	0.034027	0.25848	0.084687296	0.10906189	12.98859
64	KPIG	2014	0.242735	0.042154	0.552214	0.151172156	0.72277172	12.99851
65	KPIG	2015	0.253742	0.021541	0.552214	0.284323615	0.12455555	13.04639
66	LCGP	2014	0.067162	0.010066	0.4004	6.896451714	1.05074681	12.23953
67	LPKR	2012	0.538784	0.053192	0.178814	0.134180293	0.47036541	13.39566
68	LPKR	2014	0.531344	0.082944	0.244615	0.10191241	0.74837486	13.57814
69	LPKR	2015	0.542261	0.024781	0.244609	0.371050038	-0.2285785	13.61623
70	LPKR	2016	0.515935	0.026914	0.413321	0.065179807	0.21073652	13.659
71	MDLN	2014	0.489695	0.068079	0.315044	0.088110679	0.56659895	13.01532
72	MDLN	2015	0.546404	0.03448	0.288293	0.299983855	-0.1337524	13.10867
73	MKPI	2012	0.33044	0.142194	0.7626	0.391761465	0.0754857	12.40709
74	MKPI	2013	0.324116	0.128773	0.7626	0.222156628	0.12462207	12.45314
75	MKPI	2014	0.499146	0.101354	0.7626	0.44433217	0.15578193	12.6351
76	MKPI	2015	0.504465	0.155819	0.7626	0.238426389	0.81357631	12.75659
77	MKPI	2016	0.438174	0.181388	0.7626	0.258517779	0.22456061	12.82035
78	MTLA	2012	0.229162	0.101151	0.8881	0.104455245	0.25277539	12.30444
79	MTLA	2013	0.377398	0.085013	0.8882	0.169057544	0.25966843	12.45247
80	MTLA	2014	0.373327	0.095123	0.8889	0.159323771	0.30732918	12.51198

81	MTLA	2015	0.38874	0.06628	0.8888	0.142122791	-0.0255112	12.5588
82	MTLA	2016	0.363666	0.080486	0.8426	0.077394276	0.04971873	12.59467
83	PPRO	2016	0.348942	0.041396	0.649577	0.164393066	0.42844846	12.94578
84	PWON	2012	0.585698	0.10131	0.7039	0.089872342	0.46498213	12.87886
85	PWON	2013	0.558787	0.122232	0.5219	0.060690484	0.39918792	12.9684
86	PWON	2014	0.5061	0.154981	0.5761	0.083250266	0.27806343	13.22455
87	PWON	2015	0.496486	0.074584	0.5219	0.009387087	0.19440257	13.27365
88	PWON	2016	0.466982	0.08611	0.561304	0.121516767	0.04671343	13.31543
89	RDTX	2014	0.177473	0.120619	0.8178	0.120870522	0.0317989	12.19024
90	RDTX	2015	0.150945	0.13816	0.7499	0.088826886	-0.021233	12.27234
91	RDTX	2016	0.13003	0.123711	0.7499	0.078032144	-0.0364272	12.32258
92	RODA	2013	0.373905	0.136976	0.683067	0.099604684	2.04178355	12.43947
93	RODA	2014	0.313752	0.168669	0.683067	0.25983925	0.07031172	12.48682
94	RODA	2015	0.224076	0.148393	0.683067	0.161938875	0.54141547	12.5095
95	SCBD	2012	0.162574	0.019519	0.824104	2.671951233	-0.0058345	12.55132
96	SCBD	2013	0.352709	0.316106	0.824104	0.064846204	2.98712297	12.74433
97	SMRA	2012	0.355245	0.072826	0.4182	0.199244908	0.46785834	13.03648
98	SMRA	2013	0.659007	0.080231	0.3764	0.282594797	0.18209544	13.13542
99	SMRA	2014	0.610349	0.090219	0.3764	0.238810138	0.30284988	13.18694
100	SMRA	2015	0.59859	0.056726	0.3764	0.270729553	0.05436625	13.27319
101	SMRA	2016	0.60762	0.029075	0.3764	0.119007449	-0.040119	13.31828
102	SSIA	2014	0.594472	0.079461	0.589	0.000348159	-0.0258233	12.8105

Lampiran 5
Data Setelah Theilnagar

No.	Perusahaan	Tahun	DAR	ROA	KI	DIV	GROWTH	SIZE
1	APLN	2012	0.34899 1	0.04624 5	0.58528 3	0.12212 7	0.189011	11.01048
2	APLN	2013	0.13678	0.01682 8	0.31544 2	0.05184 1	-0.07926	6.046464
3	APLN	2014	0.44121	0.01542 7	0.32445 4	0.05269	0.055841	6.06518
4	APLN	2015	0.2772	0.02270 1	0.46675	0.07086 1	0.083091	6.036667
5	APLN	2016	0.26550 9	0.01154 7	0.30002 5	0.04708 5	-0.06415	6.047941
6	ASRI	2012	0.47421 1	0.09279 6	0.3925	0.08273 3	0.644355	10.89149
7	ASRI	2013	0.31831 3	0.00057 4	0.25971 9	0.26803 4	0.081834	5.989969
8	ASRI	2014	0.02055 7	0.03564 3	0.22996 4	-0.06045	-0.29267	5.99333
9	ASRI	2015	0.44522 5	-0.00166	0.23175 9	0.13675 1	-0.22538	5.998783
10	BEST	2013	0.21960 5	0.18514 3	0.56765 9	0.10269 5	0.318514	10.46308
11	BEST	2014	0.07540 1	-0.01474	0.20594 3	-0.0115	-0.57984	5.67541
12	BEST	2015	0.22219 9	-0.01314	0.09998 6	0.07294 1	0.021719	5.758521
13	BEST	2016	0.15992 8	0.03944 4	0.18847 3	-0.02178	0.300009	5.752607
14	BKSL	2014	0.10335 5	0.00338 6	0.39784 6	0.16196 7	-0.55379	10.85822
15	BKSL	2015	0.05472 6	0.00330 5	0.28282 1	-0.10431	0.073857	5.899779
16	BSDE	2012	0.31030 3	0.07371 8	0.61705 1	0.09882 6	0.274269	11.04595
17	BSDE	2013	0.20141 4	0.08020 2	0.2251	0.02527 4	0.359581	6.082665
18	BSDE	2014	0.11947 2	0.07082	0.30171 6	0.01933 5	-0.32647	6.108305
19	BSDE	2015	0.19825 9	-0.01258	0.28927 7	0.08484 3	0.130672	6.161309
20	BSDE	2016	0.15147 5	0.01732	0.25541 3	-0.02028	-0.01265	6.129451
21	COWL	2012	0.16847 7	0.03272 5	0.79134 2	0.03994 7	0.535146	10.23226
22	CTRA	2012	0.34610 4	0.04722 5	0.06624	0.06851 9	-0.61166	9.587463
23	CTRA	2013	0.21138	0.03872 7	0.0357	0.00419 5	0.9306	6.995457
24	CTRA	2014	0.26348 7	0.03785 6	0.33959 8	0.13189 4	0.017277	6.05571

25	CTRA	2015	0.22537 3	0.02435 7	0.22850 9	0.00342 7	-0.04927	6.067213
26	CTRA	2016	0.23162 7	0.00383	0.19771 9	0.05471 4	0.741524	6.041102
27	DART	2013	0.32262 1	0.03167 1	0.08630 4	0.40462	0.143458	10.59004
28	DART	2014	0.15278 1	0.05893 5	0.04651 4	-0.0517	0.556132	5.737971
29	DART	2015	0.20194	-0.0129	0.83979 1	-0.11801	-0.73253	5.771371
30	DILD	2012	0.29354 3	0.02748 3	0.35190 5	0.07334 7	-0.39397	10.67889
31	DILD	2014	0.31020 5	0.02995 5	0.18966 1	-0.03664	-0.02764	5.925319
32	DILD	2015	0.25950 4	0.01431 3	0.18966 1	0.00562 4	0.066013	5.889662
33	DILD	2016	0.27798 3	0.00272	0.34698 3	0.03889 9	4.030139	5.918914
34	DMAS	2015	0.08830 7	0.14272 8	0.75175 5	0.96359 1	0.289377	10.77807
35	DMAS	2016	-0.00489	0.00312 4	0.32798 1	0.06558 6	-0.09059	5.797733
36	DUTI	2012	0.18201 9	0.07771 3	0.73973 3	0.05328 6	-0.04795	10.70753
37	DUTI	2013	0.07133 3	0.05011 7	0.39868 3	0.05879 8	0.136025	5.825381
38	DUTI	2014	0.11332 1	0.03061 4	0.39868 3	0.00693 2	-0.06308	5.832021
39	DUTI	2015	0.12216	0.02698	0.40197 7	0.10789 1	0.125382	5.856725
40	DUTI	2016	0.06276 9	0.04581 3	0.39687 3	0.06693 7	0.487984	5.863539
41	ELTY	2014	0.39144 6	0.02615 4	0.20372 6	0.51434 5	-0.63376	10.99861
42	EMDE	2015	0.37440 3	0.04278 8	0.55777 5	0.04567 1	0.220682	10.08835
43	EMDE	2016	0.24902 7	0.01984 6	0.36103 3	0.07227 4	0.515518	5.494126
44	GMTD	2012	0.61829 5	0.05970 5	0.54293 7	0.04684	0.22365	9.985426
45	GMTD	2013	0.28456 3	0.03092 8	0.29261 9	0.02090 5	0.107774	5.54372
46	GMTD	2014	0.18265 6	0.04012 4	0.32761 6	0.01385 7	-0.08854	5.521146
47	GMTD	2015	0.25546	0.04972	0.27337 7	0.03244	-0.0208	5.406692
48	GMTD	2016	0.16971 7	0.01957 1	0.29261 6	0.02194 7	-0.09516	5.433963
49	GPRA	2012	0.38709 5	0.03587 9	0.70783 7	0.07140 4	6.81273	10.12143
50	GPRA	2013	0.14419 1	0.05630 6	0.38149 3	0.03311 5	-4.0297	5.462374
51	GPRA	2014	-0.09307	0.01683	0.36992 8	0.07187 7	-0.16013	5.514746

52	GPRA	2015	0.32882 2	0.01289 2	0.26279 2	0.05360 2	-0.31344	5.499625
53	GPRA	2016	0.13731 9	0.00448 7	0.45533 2	0.39048 9	0.176158	5.48954
54	GWSA	2012	0.17087 1	0.17484 4	0.71235 9	0.00884 7	1.475034	10.28818
55	GWSA	2013	0.01019	-0.04452	0.32599 5	0.08977 1	-1.84217	5.538729
56	JRPT	2012	0.46405	0.07151 3	0.66087 7	0.22155 3	0.195129	10.60712
57	JRPT	2013	0.26023 7	0.04156 2	0.32448 3	0.11030 2	0.065654	5.807753
58	JRPT	2014	0.20901 2	0.06012 6	0.37857 1	0.10343 9	-0.3073	5.792999
59	JRPT	2015	0.16763 8	0.05492 3	0.35323	0.13629 6	0.313487	5.82809
60	JRPT	2016	0.17233 9	0.05686 1	0.37252 8	0.12911 3	0.769747	5.847196
61	KIJA	2013	0.41160 1	0.01057 1	0.13892 5	0.21300 6	0.798533	10.78924
62	KIJA	2014	0.18076 1	0.03991 3	0.07503 1	-0.1225	-1.06863	5.82794
63	KIJA	2015	0.27472 5	0.00825 6	0.16694 8	0.07495	0.407615	5.879499
64	KPIG	2014	0.20275 3	0.03521	0.46125 6	0.12627 2	0.60372	10.85745
65	KPIG	2015	0.12028 2	-0.00164	0.24859 6	0.20120 6	-0.27284	5.89956
66	LCGP	2014	0.05609 9	0.00840 8	0.33444 8	5.76049 5	0.877672	10.22348
67	LPKR	2012	0.45003 8	0.04443	0.14936 1	0.11207 9	0.392889	11.18918
68	LPKR	2014	0.23511	0.05369 8	0.1463	0.02813 8	0.489759	6.212949
69	LPKR	2015	0.25011 8	-0.02082	0.11011 4	0.31501 7	-0.64005	6.15071
70	LPKR	2016	0.21779	0.01328 9	0.27883 1	-0.13883	0.336413	6.172538
71	MDLN	2014	0.40903 5	0.05686 5	0.26315 1	0.07359 7	0.473271	10.87149
72	MDLN	2015	0.27716	-0.00295	0.11507 6	0.25153 9	-0.44528	5.952596
73	MKPI	2012	0.27601 1	0.11877 2	0.63698 7	0.32723 2	0.063052	10.36344
74	MKPI	2013	0.14243 4	0.05059 2	0.34330 8	0.00675 9	0.083119	5.631486
75	MKPI	2014	0.32094	0.03055 2	0.34330 8	0.32218 6	0.087262	5.788132
76	MKPI	2015	0.23002 5	0.10009 3	0.34330 8	-0.00588	0.727924	5.809569
77	MKPI	2016	0.16081	0.09571 6	0.34330 8	0.12742 6	-0.22276	5.806531
78	MTLA	2012	0.19141 5	0.08449	0.74181 6	0.08725	0.211139	10.2777

79	MTLA	2013	0.25140 1	0.02939 8	0.39990 6	0.11162 6	0.120688	5.687261
80	MTLA	2014	0.16582 7	0.04838 1	0.40055 1	0.06637 3	0.164559	5.665372
81	MTLA	2015	0.18347 7	0.01398	0.40006 6	0.05452 4	-0.19449	5.679474
82	MTLA	2016	0.14993	0.04404 4	0.35392 1	-0.00075	0.063745	5.689606
83	PPRO	2016	0.29146 6	0.03457 8	0.54258 1	0.13731 5	0.357876	10.8134
84	PWON	2012	0.48922 4	0.08462 3	0.58795 6	0.07506 9	0.388392	10.7575
85	PWON	2013	0.23675 9	0.06653	0.13488 2	0.01127 7	0.143532	5.887361
86	PWON	2014	0.19886 8	0.08777 5	0.28914 9	0.04988 2	0.058582	6.094279
87	PWON	2015	0.21822 2	-0.01063	0.20514 9	-0.03639	0.041518	6.002542
88	PWON	2016	0.19400 5	0.04510 2	0.27435 3	0.11635 6	-0.06017	6.017321
89	RDTX	2014	0.14824	0.10075 1	0.68309 5	0.10096 1	0.026561	10.18231
90	RDTX	2015	0.05336 7	0.07184 1	0.30025 8	0.02237	-0.03872	5.569917
91	RDTX	2016	0.04703 7	0.04774 8	0.33759 1	0.02919 3	-0.02475	5.575015
92	RODA	2013	0.31231 7	0.11441 4	0.57055 5	0.08319 8	1.705469	10.39049
93	RODA	2014	0.10817 2	0.09335 7	0.30750 4	0.20507 5	-1.0523	5.647362
94	RODA	2015	0.05156 9	0.05565 6	0.30750 4	0.01907 4	0.502757	5.644012
95	SCBD	2012	0.13579 5	0.01630 4	0.68836 1	2.23183 8	-0.00487	10.48391
96	SCBD	2013	0.26332 3	0.30537 4	0.37099 6	-1.40424	2.990331	5.843374
97	SMRA	2012	0.29673	0.06083 1	0.34931 6	0.16642 6	0.390795	10.88917
98	SMRA	2013	0.46368 7	0.04019	0.14646 6	0.17304 6	-0.07514	5.967716
99	SMRA	2014	0.24801 4	0.04610 6	0.16944 8	0.08343 4	0.20273	5.964836
100	SMRA	2015	0.26300 9	0.00712 2	0.16944 8	0.13942 7	-0.11215	6.022762
101	SMRA	2016	0.27850 4	-0.00211	0.16944 8	-0.02985	-0.07001	6.020425
102	SSIA	2014	0.49655 3	0.06637 3	0.49198 2	0.00029 1	-0.02157	10.7004

Lampiran 6
Data DAR

No.	Perusahaan	Tahun	DAR		
			TOTAL HUTANG	Total Asset	Total Hutang/Total Asset
1	APLN	2012	6,348,903,770,000	15,195,642,352,000	0.417810819
2	APLN	2013	7,212,683,391,000	19,679,908,990,000	0.366499835
3	APLN	2014	15,223,273,846,000	23,685,737,844,000	0.642719004
4	APLN	2015	15,486,506,060,000	24,559,174,988,000	0.630579247
5	APLN	2016	15,741,190,673,000	25,711,953,382,000	0.612212944
6	ASRI	2012	6,214,542,510,000	10,946,417,244,000	0.567723884
7	ASRI	2013	9,096,297,873,000	14,428,082,567,000	0.630457847
8	ASRI	2014	6,214,543,000,000	16,924,366,954,000	0.367195005
9	ASRI	2015	12,107,460,464,000	18,709,870,126,000	0.647116222
10	BEST	2013	883,452,694,685	3,360,272,281,414	0.262911044
11	BEST	2014	803,492,240,778	3,652,993,439,542	0.219954471
12	BEST	2015	1,589,160,166,683	4,631,315,439,422	0.343133649
13	BEST	2016	1,814,537,354,523	5,205,373,116,830	0.348589297
14	BKSL	2014	1,235,750,077,258	9,986,973,579,779	0.123736192
15	BKSL	2015	1,368,252,636,975	11,145,896,809,593	0.122758416
16	BSDE	2012	6,225,013,628,292	16,756,718,027,575	0.371493607
17	BSDE	2013	9,156,861,204,571	22,572,292,483,511	0.405668197
18	BSDE	2014	9,661,295,391,976	28,206,859,159,578	0.342515816
19	BSDE	2015	13,925,458,006,310	36,022,148,489,646	0.38658044
20	BSDE	2016	13,939,298,974,339	38,292,205,983,731	0.364024444
21	COWL	2012	358,708,759,235	1,778,428,912,031	0.201699802
22	CTRA	2012	6,225,013,628,292	15,023,391,727,244	0.414354744
23	CTRA	2013	1,683,306,450,102	3,832,664,959,250	0.4392
24	CTRA	2014	11,886,278,000,000	23,538,715,238,878	0.504967152
25	CTRA	2015	13,208,497,000,000	26,258,718,560,250	0.503013769
26	CTRA	2016	14,774,323,000,000	29,072,250,000,000	0.508193311
27	DART	2013	1,841,771,878,000	4,768,449,638,000	0.386241235
28	DART	2014	1,867,445,219,000	5,114,273,658,000	0.365143781
29	DART	2015	2,311,459,415,000	5,739,863,241,000	0.402702873
30	DILD	2012	2,140,815,833,510	6,091,751,240,542	0.351428637
31	DILD	2014	4,534,717,461,562	9,007,692,918,375	0.503427182
32	DILD	2015	5,517,743,393,322	10,288,572,076,882	0.536298269
33	DILD	2016	6,782,581,912,231	11,840,059,936,442	0.572850302
34	DMAS	2015	846,523,142,537	8,007,121,008,539	0.105721288
35	DMAS	2016	415,467,051,316	7,803,851,935,273	0.053238715

36	DUTI	2012	1,436,539,162,340	6,592,254,980,112	0.217913167
37	DUTI	2013	1,428,544,530,018	7,473,596,509,696	0.191145525
38	DUTI	2014	1,775,893,448,385	8,130,786,587,766	0.218415947
39	DUTI	2015	2,183,853,143,849	9,014,911,216,451	0.242248991
40	DUTI	2016	1,899,304,756,790	9,692,217,785,825	0.195961832
41	ELTY	2014	6,892,121,547,959	14,706,683,713,653	0.468638728
42	EMDE	2015	536,106,853,364	1,196,040,969,781	0.448234523
43	EMDE	2016	675,649,658,921	1,363,641,661,657	0.495474492
44	GMTD	2012	666,641,585,555	900,597,066,316	0.740221804
45	GMTD	2013	904,423,011,764	1,307,819,055,774	0.691550569
46	GMTD	2014	857,970,061,541	1,524,241,388,731	0.562883325
47	GMTD	2015	719,732,960,562	1,273,990,253,786	0.564943851
48	GMTD	2016	590,413,630,191	1,229,172,450,340	0.480334253
49	GPRA	2012	607,208,095,615	1,310,251,294,004	0.463428732
50	GPRA	2013	531,728,700,484	1,332,678,268,231	0.39899255
51	GPRA	2014	191,680,645,856	1,517,576,344,888	0.126307086
52	GPRA	2015	626,943,804,650	1,574,174,572,164	0.398268283
53	GPRA	2016	559,139,315,183	1,569,319,030,878	0.35629423
54	GWSA	2012	424,446,288,243	2,074,853,325,402	0.204566888
55	GWSA	2013	250,934,436,830	2,045,701,784,445	0.122664231
56	JRPT	2012	2,776,832,018,000	4,998,260,900,000	0.555559638
57	JRPT	2013	3,486,471,461,000	6,163,177,865,000	0.565693793
58	JRPT	2014	3,476,270,913,000	6,684,613,561,000	0.52004067
59	JRPT	2015	3,437,170,298,000	7,578,101,438,000	0.453566151
60	JRPT	2016	3,578,037,749,000	8,484,436,652,000	0.421717775
61	KIJA	2013	4,069,135,357,955	8,257,711,872,648	0.492767902
62	KIJA	2014	3,843,434,033,668	8,508,937,032,120	0.451693792
63	KIJA	2015	5,095,107,624,314	9,740,694,660,705	0.52307436
64	KPIG	2014	1,945,735,397,204	8,015,878,000,000	0.242735156
65	KPIG	2015	2,252,031,000,000	8,875,283,000,000	0.253741881
66	LCGP	2014	116,586,739,338	1,735,906,822,650	0.067161865
67	LPKR	2012	13,399,189,342,618	24,869,295,733,093	0.538784431
68	LPKR	2014	20,114,771,650,490	37,856,376,874,602	0.531344342
69	LPKR	2015	22,409,794,000,000	41,326,558,178,049	0.54226132
70	LPKR	2016	23,528,544,000,000	45,603,683,000,000	0.515935171
71	MDLN	2014	5,115,802,013,637	10,446,907,695,182	0.48969534
72	MDLN	2015	7,944,774,284,719	14,540,108,285,179	0.546404066
73	MKPI	2012	843,680,212,454	2,553,203,639,852	0.330439844
74	MKPI	2013	920,106,415,024	2,838,815,438,871	0.324116321
75	MKPI	2014	2,154,420,021,554	4,316,214,269,222	0.499145753
76	MKPI	2015	2,880,175,893,867	5,709,371,372,467	0.504464626
77	MKPI	2016	2,897,296,559,011	6,612,200,867,199	0.438174311

78	MTLA	2012	461,933,541,000	2,015,753,149,000	0.229161761
79	MTLA	2013	1,069,728,862,000	2,834,484,171,000	0.377398072
80	MTLA	2014	1,213,581,467,000	3,250,717,743,000	0.373327235
81	MTLA	2015	1,407,525,853,000	3,620,742,578,000	0.388739553
82	MTLA	2016	1,430,126,743,000	3,932,529,273,000	0.363665886
83	PPRO	2016	3,079,861,317,759	8,826,283,788,338	0.348942023
84	PWON	2012	4,431,284,367,000	7,565,819,916,000	0.585697838
85	PWON	2013	5,195,736,526,000	9,298,245,408,000	0.558786771
86	PWON	2014	8,487,671,758,000	16,770,742,538,000	0.506099938
87	PWON	2015	9,323,066,490,000	18,778,122,467,000	0.496485552
88	PWON	2016	9,654,447,854,000	20,674,141,654,000	0.466981799
89	RDTX	2014	291,666,592,282	1,643,441,092,309	0.177473104
90	RDTX	2015	282,593,660,798	1,872,158,609,529	0.150945363
91	RDTX	2016	273,290,660,870	2,101,753,788,854	0.130029817
92	RODA	2013	1,028,572,957,119	2,750,896,836,038	0.373904591
93	RODA	2014	962,516,183,040	3,067,758,337,733	0.313752283
94	RODA	2015	724,267,889,718	3,232,242,644,731	0.224075965
95	SCBD	2012	902,353,473,000	5,550,429,288,000	0.162573636
96	SCBD	2013	1,255,256,029,000	3,558,903,785,000	0.352708616
97	SMRA	2012	7,060,986,827,000	19,876,386,685,000	0.355244992
98	SMRA	2013	9,001,470,153,000	13,659,136,820,000	0.659007247
99	SMRA	2014	9,386,842,550,000	15,379,478,994,000	0.61034854
100	SMRA	2015	11,228,512,108,000	18,758,262,022,000	0.598590216
101	SMRA	2016	12,644,764,172,000	20,810,319,657,000	0.607619891
102	SSIA	2014	3,842,621,248,275	6,463,923,464,990	0.594471959

Lampiran 7
Data ROA

No.	Perusahaan	Tahun	ROA		
			EAT	TOT ASSET	EAT/ TOTAL ASSET
1	APLN	2012	841,290,753,000	15,195,642,352,000	0.0553 64
2	APLN	2013	930,240,497,000	19,679,908,990,000	0.0472 69
3	APLN	2014	980,963,925,000	23,685,737,844,000	0.0414 16
4	APLN	2015	1,116,763,447,000	24,559,174,988,000	0.0454 72
5	APLN	2016	939,737,108,000	25,711,953,382,000	0.0365 49
6	ASRI	2012	1,216,091,539,000	10,946,417,244,000	0.1110 95
7	ASRI	2013	889,576,596,000	14,428,082,567,000	0.0616 56
8	ASRI	2014	1,176,955,123,000	16,924,366,954,000	0.0695 42
9	ASRI	2015	684,287,753,000	18,709,870,126,000	0.0365 74
10	BEST	2013	744,813,729,973	3,360,272,281,414	0.2216 53
11	BEST	2014	391,352,903,299	3,652,993,439,542	0.1071 32
12	BEST	2015	211,935,909,297	4,631,315,439,422	0.0457 61
13	BEST	2016	336,287,878,603	5,205,373,116,830	0.0646 04
14	BKSL	2014	40,479,371,011	9,986,973,579,779	0.0040 53
15	BKSL	2015	61,673,665,333	11,145,896,809,593	0.0055 33
16	BSDE	2012	1,478,858,784,945	16,756,718,027,575	0.0882 55
17	BSDE	2013	2,905,648,505,498	22,572,292,483,511	0.1287 26
18	BSDE	2014	3,993,986,971,902	28,206,859,159,578	0.1415 96
19	BSDE	2015	2,351,380,057,145	36,022,148,489,646	0.0652 76
20	BSDE	2016	2,037,537,680,130	38,292,205,983,731	0.0532 1
21	COWL	2012	69,675,152,924	1,778,428,912,031	0.0391 78
22	CTRA	2012	849,382,875,816	15,023,391,727,244	0.0565 37

23	CTRA	2013	1,413,388,450,323	20,245,534,912,143	0.0698 12
24	CTRA	2014	1,794,593,760,027	23,538,715,238,878	0.0762 4
25	CTRA	2015	1,740,300,162,426	26,258,718,560,250	0.0662 75
26	CTRA	2016	1,170,706,000,000	29,072,250,000,000	0.0402 69
27	DART	2013	180,800,291,000	4,768,449,638,000	0.0379 16
28	DART	2014	408,025,799,000	5,114,273,658,000	0.0797 82
29	DART	2015	177,765,808,000	5,739,863,241,000	0.0309 7
30	DILD	2012	200,435,726,378	6,091,751,240,542	0.0329 03
31	DILD	2014	432,778,419,324	9,007,692,918,375	0.0480 45
32	DILD	2015	419,044,195,464	10,288,572,076,882	0.0407 29
33	DILD	2016	297,350,554,988	11,840,059,936,442	0.0251 14
34	DMAS	2015	1,368,208,235,334	8,007,121,008,539	0.1708 74
35	DMAS	2016	757,548,336,781	7,803,851,935,273	0.0970 74
36	DUTI	2012	613,327,842,111	6,592,254,980,112	0.0930 38
37	DUTI	2013	756,858,436,790	7,473,596,509,696	0.1012 71
38	DUTI	2014	701,641,438,319	8,130,786,587,766	0.0862 94
39	DUTI	2015	670,949,496,747	9,014,911,216,451	0.0744 27
40	DUTI	2016	840,650,624,016	9,692,217,785,825	0.0867 35
41	ELTY	2014	460,493,797,601	14,706,683,713,653	0.0313 12
42	EMDE	2015	61,268,278,934	1,196,040,969,781	0.0512 26
43	EMDE	2016	65,470,178,568	1,363,641,661,657	0.0480 11
44	GMTD	2012	64,373,090,893	900,597,066,316	0.0714 78
45	GMTD	2013	91,845,276,661	1,307,819,055,774	0.0702 28
46	GMTD	2014	120,014,164,180	1,524,241,388,731	0.0787 37
47	GMTD	2015	118,494,551,000	1,273,990,253,786	0.0930 11
48	GMTD	2016	86,914,558,516	1,229,172,450,340	0.0707 1
49	GPRA	2012	56,281,503,224	1,310,251,294,004	0.0429 55

50	GPRA	2013	106,511,465,341	1,332,678,268,231	0.0799 23
51	GPRA	2014	92,228,024,751	1,517,576,344,888	0.0607 73
52	GPRA	2015	72,893,324,167	1,574,174,572,164	0.0463 06
53	GPRA	2016	46,995,769,773	1,569,319,030,878	0.0299 47
54	GWSA	2012	434,314,925,774	2,074,853,325,402	0.2093 23
55	GWSA	2013	144,360,310,456	2,045,701,784,445	0.0705 68
56	JRPT	2012	427,924,997,000	4,998,260,900,000	0.0856 15
57	JRPT	2013	546,269,619,000	6,163,177,865,000	0.0886 34
58	JRPT	2014	727,676,520,000	6,684,613,561,000	0.1088 58
59	JRPT	2015	869,777,178,000	7,578,101,438,000	0.1147 75
60	JRPT	2016	1,017,849,186,000	8,484,436,652,000	0.1199 67
61	KIJA	2013	104,477,632,614	8,255,167,231,158	0.0126 56
62	KIJA	2014	398,826,621,307	8,508,937,032,120	0.0468 71
63	KIJA	2015	331,442,663,161	9,740,694,660,705	0.0340 27
64	KPIG	2014	420,097,000,000	9,965,854,000,000	0.0421 54
65	KPIG	2015	239,690,000,000	11,127,314,000,000	0.0215 41
66	LCGP	2014	17,473,275,338	1,735,906,822,650	0.0100 66
67	LPKR	2012	1,322,847,018,938	24,869,295,733,093	0.0531 92
68	LPKR	2014	3,139,951,258,489	37,856,376,874,602	0.0829 44
69	LPKR	2015	1,024,120,634,260	41,326,558,178,049	0.0247 81
70	LPKR	2016	1,227,374,000,000	45,603,683,000,000	0.0269 14
71	MDLN	2014	711,211,597,935	10,446,907,695,182	0.0680 79
72	MDLN	2015	501,349,673,188	14,540,108,285,179	0.0344 8
73	MKPI	2012	363,050,255,701	2,553,203,639,852	0.1421 94
74	MKPI	2013	365,563,078,058	2,838,815,438,871	0.1287 73
75	MKPI	2014	437,464,993,821	4,316,214,269,222	0.1013 54
76	MKPI	2015	889,628,865,732	5,709,371,372,467	0.1558 19

77	MKPI	2016	1,199,373,747,588	6,612,200,867,199	0.1813 88
78	MTLA	2012	203,895,228,000	2,015,753,149,000	0.1011 51
79	MTLA	2013	240,967,649,000	2,834,484,171,000	0.0850 13
80	MTLA	2014	309,217,292,000	3,250,717,743,000	0.0951 23
81	MTLA	2015	239,982,607,000	3,620,742,578,000	0.0662 8
82	MTLA	2016	316,514,414,000	3,932,529,273,000	0.0804 86
83	PPRO	2016	365,374,319,145	8,826,283,788,338	0.0413 96
84	PWON	2012	766,495,905,000	7,565,819,916,000	0.1013 1
85	PWON	2013	1,136,547,541,000	9,298,245,408,000	0.1222 32
86	PWON	2014	2,599,141,016,000	16,770,742,538,000	0.1549 81
87	PWON	2015	1,400,554,118,000	18,778,122,467,000	0.0745 84
88	PWON	2016	1,780,254,981,000	20,674,141,654,000	0.0861 1
89	RDTX	2014	198,229,841,964	1,643,441,092,309	0.1206 19
90	RDTX	2015	258,656,574,637	1,872,158,609,529	0.1381 6
91	RDTX	2016	260,009,476,018	2,101,753,788,854	0.1237 11
92	RODA	2013	376,806,804,889	2,750,896,836,038	0.1369 76
93	RODA	2014	517,435,577,464	3,067,758,337,733	0.1686 69
94	RODA	2015	479,642,073,280	3,232,242,644,731	0.1483 93
95	SCBD	2012	69,466,498,000	3,558,903,785,000	0.0195 19
96	SCBD	2013	1,754,524,211,000	5,550,429,288,000	0.3161 06
97	SMRA	2012	792,085,965,000	10,876,386,685,000	0.0728 26
98	SMRA	2013	1,095,888,248,000	13,659,136,820,000	0.0802 31
99	SMRA	2014	1,387,516,904,000	15,379,478,994,000	0.0902 19
100	SMRA	2015	1,064,079,939,000	18,758,262,022,000	0.0567 26
101	SMRA	2016	605,050,858,000	20,810,319,657,000	0.0290 75
102	SSIA	2014	513,630,886,653	6,463,923,464,990	0.0794 61

Lampiran 8
Data Kepemilikan Institusional

No	Perusahaan	Tahun	KEPEMILIKAN INTITUSIONAL		
			Jumlah Saham Institusional	Saham Beredar Akhir Tahun	Jml Saham Inst./Saham Beredar Akhir Thn.
1	APLN	2012	14,364,980,630	20,500,900,000	0.7007
2	APLN	2013	14,364,980,630	20,500,900,000	0.7007
3	APLN	2014	14,549,744,500	20,500,900,000	0.709712476
4	APLN	2015	17,568,514,900	20,500,900,000	0.856963104
5	APLN	2016	15,810,294,080	20,500,900,000	0.7712
6	ASRI	2012	923,325,864,711	1,964,941,189,000	0.4699
7	ASRI	2013	1,017,995,600,000	1,964,941,189,000	0.518079424
8	ASRI	2014	10,115,790,360,000	19,649,411,888,000	0.5148139
9	ASRI	2015	10,115,790,360,000	19,649,411,888,000	0.5148139
10	BEST	2013	654,389,881,210	962,904,475,000	0.6796
11	BEST	2014	559,050,994,908	964,546,230,000	0.5796
12	BEST	2015	403,895,675,000	964,731,115,000	0.418661396
13	BEST	2016	403,895,675,000	964,731,115,000	0.418661396
14	BKSL	2014	1,961,994,250,626	4,119,240,501,000	0.4763
15	BKSL	2015	2,329,259,771,662	4,276,225,026,000	0.5447
16	BSDE	2012	1,292,559,695,000	1,749,699,659,200	0.738732324
17	BSDE	2013	1,104,531,545,000	1,749,699,659,200	0.631269223
18	BSDE	2014	1,191,965,393,912	1,837,184,639,200	0.6488
19	BSDE	2015	1,243,336,574,003	1,924,669,619,200	0.646
20	BSDE	2016	1,175,195,725,000	1,924,669,619,200	0.61059608
21	COWL	2012	461,495,174,300	487,121,402,100	0.947392523
22	CTRA	2012	300,669,744,000	3,791,453,998,500	0.079301963
23	CTRA	2013	300,669,744,000	3,791,453,998,500	0.079301963

24	CTRA	2014	1,452,885,172,22 5	3,791,453,998,50 0	0.3832
25	CTRA	2015	1,683,306,450,10 2	3,832,664,959,25 0	0.4392
26	CTRA	2016	1,683,306,450,10 2	3,832,664,959,25 0	0.4392
27	DART	2013	162,288,575,000	1,570,695,481,00 0	0.103322749
28	DART	2014	162,288,575,000	1,570,695,481,00 0	0.103322749
29	DART	2015	1,408,285,568,26 4	1,570,695,481,00 0	0.8966
30	DILD	2012	1,091,783,592,03 5	2,591,463,546,25 0	0.4213
31	DILD	2014	1,091,783,592,03 5	2,591,463,546,25 0	0.4213
32	DILD	2015	1,091,783,592,03 5	2,591,463,546,25 0	0.4213
33	DILD	2016	1,499,476,804,75 0	2,591,463,546,25 0	0.578621608
34	DMAS	2015	4,337,829,999,00 0	4,819,811,110,00 0	0.9
35	DMAS	2016	3,965,830,000,00 0	4,819,811,110,00 0	0.822818552
36	DUTI	2012	819,186,166,500	925,000,000,000	0.885606666
37	DUTI	2013	819,186,166,500	925,000,000,000	0.885606666
38	DUTI	2014	819,186,166,500	925,000,000,000	0.885606666
39	DUTI	2015	822,232,500,000	925,000,000,000	0.8889
40	DUTI	2016	819,186,166,500	925,000,000,000	0.885606666
41	ELTY	2014	1,198,083,458,53 3	4,912,191,301,90 0	0.2439
42	EMDE	2015	223,701,832,000	335,000,000,000	0.667766663
43	EMDE	2016	243,941,532,000	335,000,000,000	0.728183678
44	GMTD	2012	33,000,000,000	50,769,000,000	0.650002955
45	GMTD	2013	33,000,000,000	50,769,000,000	0.650002955
46	GMTD	2014	34,776,765,000	50,769,000,000	0.685
47	GMTD	2015	33,000,000,000	50,769,000,000	0.650002955
48	GMTD	2016	32,999,850,000	50,769,000,000	0.65
49	GPRA	2012	362,412,934,900	427,665,533,600	0.847421423
50	GPRA	2013	362,412,934,900	427,665,533,600	0.847421423
51	GPRA	2014	357,466,915,500	427,665,533,600	0.835856265
52	GPRA	2015	308,928,975,600	427,665,533,600	0.722361171
53	GPRA	2016	364,584,867,394	427,665,533,600	0.8525

54	GWSA	2012	665,276,000,000	780,076,000,000	0.852834852
55	GWSA	2013	620,082,412,400	780,076,000,000	0.7949
56	JRPT	2012	217,580,000,000	275,000,000,000	0.7912
57	JRPT	2013	208,862,500,000	275,000,000,000	0.7595
58	JRPT	2014	209,652,970,000	263,330,694,000	0.796158499
59	JRPT	2015	212,759,270,000	268,984,076,000	0.790973478
60	JRPT	2016	222,040,454,000	275,000,000,000	0.807419833
61	KIJA	2013	301,320,771,900	1,811,684,474,600	0.166320778
62	KIJA	2014	303,026,618,625	1,820,227,577,000	0.166477325
63	KIJA	2015	478,768,299,942	1,852,245,047,750	0.25848
64	KPIG	2014	3,805,015,448	6,890,467,237	0.552214431
65	KPIG	2015	3,805,015,448	6,890,467,237	0.552214431
66	LCGP	2014	225,425,236,597	563,000,091,400	0.4004
67	LPKR	2012	412,661,990,800	2,307,768,961,900	0.178814256
68	LPKR	2014	564,515,440,800	2,307,768,961,900	0.244615232
69	LPKR	2015	564,500,000,000	2,307,769,000,000	0.244608538
70	LPKR	2016	953,850,000,000	2,307,769,000,000	0.413321264
71	MDLN	2014	734,318,419,500	2,330,844,837,094	0.315043888
72	MDLN	2015	671,966,502,625	2,330,844,837,094	0.288293108
73	MKPI	2012	72,309,274,440	94,819,400,000	0.7626
74	MKPI	2013	72,309,274,440	94,819,400,000	0.7626
75	MKPI	2014	72,309,274,440	94,819,400,000	0.7626
76	MKPI	2015	72,309,274,440	94,819,400,000	0.7626
77	MKPI	2016	72,309,274,440	94,819,400,000	0.7626
78	MTLA	2012	673,120,563,730	757,933,300,000	0.8881
79	MTLA	2013	673,196,357,060	757,933,300,000	0.8882
80	MTLA	2014	673,726,910,370	757,933,300,000	0.8889
81	MTLA	2015	680,387,628,210	765,512,633,000	0.8888
82	MTLA	2016	645,020,944,566	765,512,633,000	0.8426
83	PPRO	2016	9,122,927,940	14,044,406,000	0.649577343
84	PWON	2012	847,488,603,234	1,203,990,060,000	0.7039
85	PWON	2013	628,362,412,314	1,203,990,060,000	0.5219
86	PWON	2014	693,618,673,566	1,203,990,060,000	0.5761

				0	
87	PWON	2015	628,362,412,314	1,203,990,060,000	0.5219
88	PWON	2016	675,803,970,000	1,203,990,060,000	0.561303612
89	RDTX	2014	109,912,320,000	134,400,000,000	0.8178
90	RDTX	2015	100,786,560,000	134,400,000,000	0.7499
91	RDTX	2016	100,786,560,000	134,400,000,000	0.7499
92	RODA	2013	928,433,890,000	1,359,212,820,900	0.683067343
93	RODA	2014	928,433,890,000	1,359,212,820,900	0.683067343
94	RODA	2015	928,433,890,000	1,359,212,820,900	0.683067343
95	SCBD	2012	1,368,874,253,000	1,661,046,000,000	0.824103759
96	SCBD	2013	1,368,874,253,000	1,661,046,000,000	0.824103759
97	SMRA	2012	301,664,004,929	721,339,084,000	0.4182
98	SMRA	2013	543,024,062,435	1,442,678,168,000	0.3764
99	SMRA	2014	543,024,062,435	1,442,678,168,000	0.3764
100	SMRA	2015	543,024,062,435	1,442,678,168,000	0.3764
101	SMRA	2016	543,024,062,435	1,442,678,168,000	0.3764
102	SSIA	2014	2,771,391,920	4,705,249,440	0.589

Lampiran 9
Data Dividen

No.	Perusahaan	Tahun	DIVIDEN		
			DIVIDEN	EAT	DIVIDEN/EAT
1	APLN	2012	123,005,400,000	841,290,753,000	0.14621
2	APLN	2013	123,005,400,000	930,240,497,000	0.13223
3	APLN	2014	123,005,400,000	980,963,925,000	0.125392
4	APLN	2015	156,128,020,000	1,116,763,447,000	0.139804
5	APLN	2016	116,482,450,000	939,737,108,000	0.123952
6	ASRI	2012	120,450,895,000	1,216,091,539,000	0.099048
7	ASRI	2013	286,881,413,565	889,576,596,000	0.322492
8	ASRI	2014	137,545,883,216	1,176,955,123,000	0.116866
9	ASRI	2015	137,545,883,000	684,287,753,000	0.201006
10	BEST	2013	91,572,215,573	744,813,729,973	0.122946
11	BEST	2014	21,954,801,264	391,352,903,299	0.0561
12	BEST	2015	21,995,869,422	211,935,909,297	0.103785
13	BEST	2016	11,866,192,716	336,287,878,603	0.035286
14	BKSL	2014	7,849,226,253	40,479,371,011	0.193907
15	BKSL	2015	141,868,262	61,673,665,333	0.0023
16	BSDE	2012	174,969,965,920	1,478,858,784,945	0.118314
17	BSDE	2013	262,454,948,880	2,905,648,505,498	0.090326
18	BSDE	2014	275,577,695,880	3,993,986,971,902	0.068998
19	BSDE	2015	288,700,442,880	2,351,380,057,145	0.122779
20	BSDE	2016	96,233,480,960	2,037,537,680,130	0.04723
21	COWL	2012	3,332,143,299	69,675,152,924	0.047824
22	CTRA	2012	69,675,152,924	849,382,875,816	0.08203
23	CTRA	2013	69,675,152,924	1,413,388,450,323	0.049297
24	CTRA	2014	285,337,618,250	1,794,593,760,027	0.158998
25	CTRA	2015	158,102,048,012	1,740,300,162,426	0.090848
26	CTRA	2016	122,530,000,000	1,170,706,000,000	0.104663
27	DART	2013	87,581,434,000	180,800,291,000	0.48441
28	DART	2014	87,576,052,000	408,025,799,000	0.214634
29	DART	2015	370,000	177,765,808,000	2.08E-06
30	DILD	2012	17,600,523,950	200,435,726,378	0.087811
31	DILD	2014	5,040,000,000	432,778,419,324	0.011646
32	DILD	2015	5,040,000,000	419,044,195,464	0.012027
33	DILD	2016	13,533,076,000	297,350,554,988	0.045512
34	DMAS	2015	1,578,377,333,200	1,368,208,235,334	1.153609
35	DMAS	2016	530,179,222,100	757,548,336,781	0.699862
36	DUTI	2012	39,126,262,500	613,327,842,111	0.063793
37	DUTI	2013	71,048,582,500	756,858,436,790	0.093873

38	DUTI	2014	41,077,699,500	701,641,438,319	0.058545
39	DUTI	2015	93,986,412,500	670,949,496,747	0.14008
40	DUTI	2016	121,016,612,625	840,650,624,016	0.143956
41	ELTY	2014	283,559,496,255	460,493,797,601	0.615773
42	EMDE	2015	3,350,000,000	61,268,278,934	0.054678
43	EMDE	2016	6,700,000,000	65,470,178,568	0.102337
44	GMTD	2012	3,609,830,900	64,373,090,893	0.056077
45	GMTD	2013	4,751,763,750	91,845,276,661	0.051737
46	GMTD	2014	5,076,900,000	120,014,164,180	0.042303
47	GMTD	2015	6,599,970,000	118,494,551,000	0.055699
48	GMTD	2016	4,569,210,000	86,914,558,516	0.052571
49	GPRA	2012	4,811,237,253	56,281,503,224	0.085485
50	GPRA	2013	8,533,310,674	106,511,465,341	0.080116
51	GPRA	2014	10,691,638,417	92,228,024,751	0.115926
52	GPRA	2015	8,553,310,672	72,893,324,167	0.11734
53	GPRA	2016	21,383,276,680	46,995,769,773	0.455004
54	GWSA	2012	4,600,000,000	434,314,925,774	0.010591
55	GWSA	2013	13,800,000,000	144,360,310,456	0.095594
56	JRPT	2012	113,504,005,000	427,924,997,000	0.265243
57	JRPT	2013	139,920,000,000	546,269,619,000	0.256137
58	JRPT	2014	177,748,218,450	727,676,520,000	0.244268
59	JRPT	2015	235,361,065,500	869,777,178,000	0.270599
60	JRPT	2016	282,853,280,000	1,017,849,186,000	0.277893
61	KIJA	2013	26,642,859,892	104,477,632,614	0.25501
62	KIJA	2014	7,063,406,095	398,826,621,307	0.01771
63	KIJA	2015	28,068,982,899	331,442,663,161	0.084687
64	KPIG	2014	63,506,969,090	420,097,000,000	0.151172
65	KPIG	2015	68,149,527,170	239,690,000,000	0.284324
66	LCGP	2014	12,050,000,000	1,747,275,338	6.896452
67	LPKR	2012	177,500,000,000	1,322,847,018,938	0.13418
68	LPKR	2014	320,000,000,000	3,139,951,258,489	0.101912
69	LPKR	2015	380,000,000,000	1,024,120,634,260	0.37105
70	LPKR	2016	80,000,000,000	1,227,374,000,000	0.06518
71	MDLN	2014	62,665,336,610	711,211,597,935	0.088111
72	MDLN	2015	150,396,807,864	501,349,673,188	0.299984
73	MKPI	2012	142,229,100,000	363,050,255,701	0.391761
74	MKPI	2013	81,212,260,714	365,563,078,058	0.222157
75	MKPI	2014	194,379,770,000	437,464,993,821	0.444332
76	MKPI	2015	212,110,997,800	889,628,865,732	0.238426
77	MKPI	2016	310,059,438,000	1,199,373,747,588	0.258518
78	MTLA	2012	21,297,926,000	203,895,228,000	0.104455
79	MTLA	2013	40,737,399,000	240,967,649,000	0.169058

80	MTLA	2014	49,265,665,000	309,217,292,000	0.159324
81	MTLA	2015	34,106,998,000	239,982,607,000	0.142123
82	MTLA	2016	24,496,404,000	316,514,414,000	0.077394
83	PPRO	2016	60,065,004,591	365,374,319,145	0.164393
84	PWON	2012	68,886,782,000	766,495,905,000	0.089872
85	PWON	2013	68,977,620,000	1,136,547,541,000	0.06069
86	PWON	2014	216,379,182,000	2,599,141,016,000	0.08325
87	PWON	2015	13,147,124,000	1,400,554,118,000	0.009387
88	PWON	2016	216,330,829,000	1,780,254,981,000	0.121517
89	RDTX	2014	28,119,000,000	232,637,367,044	0.120871
90	RDTX	2015	22,763,000,000	256,262,501,350	0.088827
91	RDTX	2016	20,085,000,000	257,393,927,658	0.078032
92	RODA	2013	37,531,722,777	376,806,804,889	0.099605
93	RODA	2014	134,450,072,200	517,435,577,464	0.259839
94	RODA	2015	77,672,697,600	479,642,073,280	0.161939
95	SCBD	2012	185,611,095,000	69,466,498,000	2.671951
96	SCBD	2013	113,774,235,000	1,754,524,211,000	0.064846
97	SMRA	2012	157,819,095,000	792,085,965,000	0.199245
98	SMRA	2013	309,692,317,000	1,095,888,248,000	0.282595
99	SMRA	2014	331,353,103,000	1,387,516,904,000	0.23881
100	SMRA	2015	288,077,886,000	1,064,079,939,000	0.27073
101	SMRA	2016	72,005,559,000	605,050,858,000	0.119007
102	SSIA	2014	133,408,171	383,182,228,263	0.000348

Lampiran 10
Data Growth

No.	Perusahaan	Tahun	GROWTH		
			Penj. Sekarang	Penj. Tahun Lalu	(Penj. Skrng-Penj. Thn Lalu)/Penj. Thn Lalu
1	APLN	2012	4,689,429,510,000	3,824,099,116,000	0.226283464
2	APLN	2013	4,901,191,373,000	4,689,429,510,000	0.045157276
3	APLN	2014	5,296,565,860,000	4,901,191,373,000	0.080669057
4	APLN	2015	5,971,581,977,000	5,296,565,860,000	0.127444109
5	APLN	2016	6,006,952,123,000	5,971,581,977,000	0.005923078
6	ASRI	2012	2,446,413,889,000	1,381,046,263,000	0.771420665
7	ASRI	2013	3,684,239,761,000	2,446,413,889,000	0.505975656
8	ASRI	2014	3,630,914,000,000	3,684,239,761,000	-0.01447402
9	ASRI	2015	2,783,700,318,000	3,630,914,000,000	-0.233333448
10	BEST	2013	1,333,134,194,769	965,113,274,649	0.381324068
11	BEST	2014	839,637,332,535	1,333,134,194,769	-0.370177934
12	BEST	2015	686,980,990,156	839,637,332,535	-0.181812238
13	BEST	2016	824,408,087,980	686,980,990,156	0.200044979
14	BKSL	2014	324,192,787,667	961,988,029,182	-0.662997067
15	BKSL	2015	229,959,266,336	324,192,787,667	-0.290671245
16	BSDE	2012	3,727,811,859,978	2,806,339,356,563	0.328353911
17	BSDE	2013	5,741,264,172,193	3,727,811,859,978	0.540116397
18	BSDE	2014	5,571,872,356,240	5,741,264,172,193	-0.029504271
19	BSDE	2015	6,209,574,072,348	5,571,872,356,240	0.114450166
20	BSDE	2016	6,521,770,279,079	6,209,574,072,348	0.05027659
21	COWL	2012	141,315,604,328	86,132,558,242	0.640675805
22	CTRA	2012	1,666,562,832,892	6,225,013,628,292	-0.732279649
23	CTRA	2013	2,546,472,893,522	1,666,562,832,892	0.52797893
24	CTRA	2014	3,329,690,481,854	2,546,472,893,522	0.307569576
25	CTRA	2015	3,728,709,286,620	3,329,690,481,854	0.119836606
26	CTRA	2016	6,739,315,000,000	3,728,709,286,620	0.807412293
27	DART	2013	408,791,618,000	348,873,462,000	0.171747532
28	DART	2014	674,735,783,000	408,791,618,000	0.650561688
29	DART	2015	421,820,547,000	674,735,783,000	-0.374835962
30	DILD	2012	496,198,384,273	939,161,250,098	-0.471657946
31	DILD	2014	503,338,992,012	705,910,881,351	-0.286965245
32	DILD	2015	457,149,370,193	503,338,992,012	-0.091766429
33	DILD	2016	2,276,459,607,316	457,149,370,193	3.979684444
34	DMAS	2015	1,449,049,813,277	1,076,206,670,109	0.346441955
35	DMAS	2016	1,593,793,682,966	1,449,049,813,277	0.099888816

36	DUTI	2012	1,053,528,438,656	1,117,683,055,738	-0.057399651
37	DUTI	2013	1,163,586,303,060	1,053,528,438,656	0.104465964
38	DUTI	2014	1,157,024,177,706	1,163,586,303,060	-0.005639569
39	DUTI	2015	1,298,506,604,023	1,157,024,177,706	0.122281305
40	DUTI	2016	2,019,459,161,815	1,298,506,604,023	0.555216705
41	ELTY	2014	772,062,248,748	3,200,099,599,309	-0.758738056
42	EMDE	2015	198,969,725,868	157,387,802,084	0.264200422
43	EMDE	2016	330,444,925,707	198,969,725,868	0.660779921
44	GMTD	2012	239,910,571,770	189,240,721,933	0.267753416
45	GMTD	2013	301,085,455,287	239,910,571,770	0.254990362
46	GMTD	2014	316,638,970,381	301,085,455,287	0.051658142
47	GMTD	2015	319,045,292,945	316,638,970,381	0.007599578
48	GMTD	2016	290,018,897,961	319,045,292,945	-0.090978916
49	GPRA	2012	356,609,763,330	38,947,416,604	8.156185299
50	GPRA	2013	518,770,543,344	356,609,763,330	0.454728941
51	GPRA	2014	565,400,437,108	518,770,543,344	0.089885392
52	GPRA	2015	416,124,379,635	565,400,437,108	-0.264018292
53	GPRA	2016	429,022,624,427	416,124,379,635	0.030996129
54	GWSA	2012	713,853,560,743	258,090,167,331	1.765907621
55	GWSA	2013	91,916,072,166	713,853,560,743	-0.871239597
56	JRPT	2012	1,101,821,376,000	893,170,154,000	0.233607472
57	JRPT	2013	1,315,680,488,000	1,101,821,376,000	0.194095991
58	JRPT	2014	1,051,782,308,000	1,315,680,488,000	-0.200579231
59	JRPT	2015	1,265,509,858,000	1,051,782,308,000	0.20320512
60	JRPT	2016	2,381,022,659,000	1,265,509,858,000	0.881473024
61	KIJA	2013	2,739,598,333,777	1,400,611,649,161	0.956001391
62	KIJA	2014	1,251,990,729,485	2,739,598,333,777	-0.543002084
63	KIJA	2015	1,388,535,200,084	1,251,990,729,485	0.109061886
64	KPIG	2014	1,013,177,159,749	588,108,771,772	0.722771719
65	KPIG	2015	1,139,374,000,000	1,013,177,159,749	0.124555552
66	LCGP	2014	144,288,515,591	70,359,010,132	1.05074681
67	LPKR	2012	6,160,214,023,204	4,189,580,354,855	0.470365407
68	LPKR	2014	11,655,041,747,007	6,666,214,436,739	0.748374862
69	LPKR	2015	8,703,650,066,162	11,282,612,489,511	-0.228578481
70	LPKR	2016	10,537,827,000,000	8,703,650,066,162	0.210736521
71	MDLN	2014	2,725,007,238,904	1,739,441,511,960	0.566598946
72	MDLN	2015	2,360,530,874,951	2,725,007,238,904	-0.133752439
73	MKPI	2012	888,505,551,111	826,143,531,266	0.075485696
74	MKPI	2013	999,232,949,734	888,505,551,111	0.124622067
75	MKPI	2014	1,154,895,387,803	999,232,949,734	0.155781931
76	MKPI	2015	2,094,490,911,234	1,154,895,387,803	0.813576306
77	MKPI	2016	2,564,831,067,149	2,094,490,911,234	0.22456061

78	MTLA	2012	678,729,373,000	541,780,576,000	0.252775391
79	MTLA	2013	854,973,964,000	678,729,373,000	0.25966843
80	MTLA	2014	1,117,732,408,000	854,973,964,000	0.307329176
81	MTLA	2015	1,089,217,674,000	1,117,732,408,000	-0.025511235
82	MTLA	2016	1,143,372,190,000	1,089,217,674,000	0.049718727
83	PPRO	2016	2,150,061,072,104	1,505,172,315,341	0.428448457
84	PWON	2012	2,165,396,882,000	1,478,104,635,000	0.464982134
85	PWON	2013	3,029,797,151,000	2,165,396,882,000	0.399187916
86	PWON	2014	3,872,272,942,000	3,029,797,151,000	0.278063431
87	PWON	2015	4,625,052,737,000	3,872,272,942,000	0.194402566
88	PWON	2016	4,841,104,813,000	4,625,052,737,000	0.04671343
89	RDTX	2014	431,414,723,990	418,118,999,949	0.031798899
90	RDTX	2015	422,254,497,423	431,414,723,990	-0.021232995
91	RDTX	2016	406,872,943,034	422,254,497,423	-0.036427213
92	RODA	2013	640,032,612,090	210,413,594,731	2.041783554
93	RODA	2014	685,034,406,501	640,032,612,090	0.070311721
94	RODA	2015	1,055,922,632,197	685,034,406,501	0.541415471
95	SCBD	2012	684,916,111,000	688,935,681,000	-0.005834463
96	SCBD	2013	2,730,844,761,000	684,916,111,000	2.987122973
97	SMRA	2012	3,463,163,272,000	2,359,330,713,000	0.467858343
98	SMRA	2013	4,093,789,495,000	3,463,163,272,000	0.182095435
99	SMRA	2014	5,333,593,142,000	4,093,789,495,000	0.302849877
100	SMRA	2015	5,623,560,624,000	5,333,593,142,000	0.054366254
101	SMRA	2016	5,397,948,907,000	5,623,560,624,000	-0.040119016
102	SSIA	2014	4,464,399,987,604	4,582,741,464,896	-0.025823293

Lampiran 11
Data Size

No.	Perusahaan	Tahun	Size	
			Total Asset	Log Total Asset
1	APLN	2012	15,195,642,352,000	13.18172
2	APLN	2013	19,679,908,990,000	13.29402
3	APLN	2014	23,685,737,844,000	13.37449
4	APLN	2015	24,559,174,988,000	13.39021
5	APLN	2016	25,711,953,382,000	13.41014
6	ASRI	2012	10,946,417,244,000	13.03927
7	ASRI	2013	14,428,082,567,000	13.15921
8	ASRI	2014	16,924,366,954,000	13.22851
9	ASRI	2015	18,709,870,126,000	13.27207
10	BEST	2013	3,360,272,281,414	12.52637
11	BEST	2014	3,652,993,439,542	12.56265
12	BEST	2015	4,631,315,439,422	12.6657
13	BEST	2016	5,205,373,116,830	12.71645
14	BKSL	2014	9,986,973,579,779	12.99943
15	BKSL	2015	11,145,896,809,593	13.04712
16	BSDE	2012	16,756,718,027,575	13.22419
17	BSDE	2013	22,572,292,483,511	13.35358
18	BSDE	2014	28,206,859,159,578	13.45035
19	BSDE	2015	36,022,148,489,646	13.55657
20	BSDE	2016	38,292,205,983,731	13.58311
21	COWL	2012	1,778,428,912,031	12.25004
22	CTRA	2012	300,669,744,000	11.47809
23	CTRA	2013	20,245,534,912,143	13.3

				0633
24	CTRA	2014	23,538,715,238,878	13.3 7178
25	CTRA	2015	26,258,718,560,250	13.4 1927
26	CTRA	2016	26,258,718,560,250	13.4 1927
27	DART	2013	4,768,449,638,000	12.6 7838
28	DART	2014	5,114,273,658,000	12.7 0878
29	DART	2015	5,739,863,241,000	12.7 589
30	DILD	2012	6,091,751,240,542	12.7 8474
31	DILD	2014	9,007,692,918,375	12.9 5461
32	DILD	2015	10,288,572,076,882	13.0 1236
33	DILD	2016	11,840,059,936,442	13.0 7335
34	DMAS	2015	8,007,121,008,539	12.9 0348
35	DMAS	2016	7,803,851,935,273	12.8 9231
36	DUTI	2012	6,592,254,980,112	12.8 1903
37	DUTI	2013	7,473,596,509,696	12.8 7353
38	DUTI	2014	8,130,786,587,766	12.9 1013
39	DUTI	2015	9,014,911,216,451	12.9 5496
40	DUTI	2016	9,692,217,785,825	12.9 8642
41	ELTY	2014	14,706,683,713,653	13.1 6751
42	EMDE	2015	1,196,040,969,781	12.0 7775
43	EMDE	2016	1,363,641,661,657	12.1 347
44	GMTD	2012	900,597,066,316	11.9 5453
45	GMTD	2013	1,307,819,055,774	12.1 1655
46	GMTD	2014	1,524,241,388,731	12.1 8305
47	GMTD	2015	1,273,990,253,786	12.1 0517
48	GMTD	2016	1,229,172,450,340	12.0 8961
49	GPRA	2012	1,310,251,294,004	12.1 1735

50	GPRA	2013	1,332,678,268,231	12.1 2473
51	GPRA	2014	1,517,576,344,888	12.1 8115
52	GPRA	2015	1,574,174,572,164	12.1 9705
53	GPRA	2016	1,569,319,030,878	12.1 9571
54	GWSA	2012	2,074,853,325,402	12.3 1699
55	GWSA	2013	2,045,701,784,445	12.3 1084
56	JRPT	2012	4,998,260,900,000	12.6 9882
57	JRPT	2013	6,163,177,865,000	12.7 898
58	JRPT	2014	6,684,613,561,000	12.8 2508
59	JRPT	2015	7,578,101,438,000	12.8 7956
60	JRPT	2016	8,484,436,652,000	12.9 2862
61	KIJA	2013	8,257,711,872,648	12.9 1686
62	KIJA	2014	8,508,937,032,120	12.9 2988
63	KIJA	2015	9,740,694,660,705	12.9 8859
64	KPIG	2014	9,965,854,000,000	12.9 9851
65	KPIG	2015	11,127,314,000,000	13.0 4639
66	LCGP	2014	1,735,906,822,650	12.2 3953
67	LPKR	2012	24,869,295,733,093	13.3 9566
68	LPKR	2014	37,856,376,874,602	13.5 7814
69	LPKR	2015	41,326,558,178,049	13.6 1623
70	LPKR	2016	45,603,683,000,000	13.6 59
71	MDLN	2014	10,359,146,927,433	13.0 1532
72	MDLN	2015	12,843,050,665,229	13.1 0867
73	MKPI	2012	2,553,203,639,852	12.4 0709
74	MKPI	2013	2,838,815,438,871	12.4 5314
75	MKPI	2014	4,316,214,269,222	12.6 351
76	MKPI	2015	5,709,371,372,467	12.7 5659

77	MKPI	2016	6,612,200,867,199	12.8 2035
78	MTLA	2012	2,015,753,149,000	12.3 0444
79	MTLA	2013	2,834,484,171,000	12.4 5247
80	MTLA	2014	3,250,717,743,000	12.5 1198
81	MTLA	2015	3,620,742,578,000	12.5 588
82	MTLA	2016	3,932,529,273,000	12.5 9467
83	PPRO	2016	8,826,283,788,338	12.9 4578
84	PWON	2012	7,565,819,916,000	12.8 7886
85	PWON	2013	9,298,245,408,000	12.9 684
86	PWON	2014	16,770,742,538,000	13.2 2455
87	PWON	2015	18,778,122,467,000	13.2 7365
88	PWON	2016	20,674,141,654,000	13.3 1543
89	RDTX	2014	1,549,674,922,146	12.1 9024
90	RDTX	2015	1,872,158,609,529	12.2 7234
91	RDTX	2016	2,101,753,788,854	12.3 2258
92	RODA	2013	2,750,896,836,038	12.4 3947
93	RODA	2014	3,067,758,337,733	12.4 8682
94	RODA	2015	3,232,242,644,731	12.5 095
95	SCBD	2012	3,558,903,785,000	12.5 5132
96	SCBD	2013	5,550,429,288,000	12.7 4433
97	SMRA	2012	10,876,386,685,000	13.0 3648
98	SMRA	2013	13,659,136,820,000	13.1 3542
99	SMRA	2014	15,379,478,994,000	13.1 8694
100	SMRA	2015	18,758,262,022,000	13.2 7319
101	SMRA	2016	20,810,319,657,000	13.3 1828
102	SSIA	2014	6,463,923,464,990	12.8 105