

Lampiran 1: Daftar Perusahaan

Perusahaan Manufaktur

Sektor Industri Dasar dan Kimia

Sub Sektor Kimia

No	Kode Perusahaan	Nama Emiten	Tanggal IPO
1	AGII	Aneka Gas Industri Tbk	28-Sep-2016
2	BRPT	Barito Pasific Tbk	01-Okt-1993
3	BUDI	Budi Starch & Sweetener Tbk	08-Mei-1995
4	DPNS	Duta Pertiwi Nusantara Tbk	08-Agu-1990
5	EKAD	Ekadharna International Tbk	14-Agu-1990
6	ETWA	Eterindo Wahanatama Tbk	16-Mei-1997
7	INCI	Intan Wijaya International Tbk	24-Jul-1990
8	MKDI	Emdeki Utama Tbk	25-Sep-2017
9	SRSN	Indo Acitama Tbk	11-Jan-1993
10	TPIA	Chandra Asri Petrochemical Tbk	26-Mei-2008
11	UNIC	Unggul Indah Cahaya Tbk	06-Nop-1989

Perusahaan Manufaktur

Sektor Industri Dasar dan Kimia

Sub Sektor Logam dan Sejenisnya

No	Kode Perusahaan	Nama Emiten	Tanggal IPO
1	ALKA	Alaska Industrindo Tbk	12-Jul-1990
2	ALMI	Alumindo Light Metal Industry Tbk	02-Jan-1997
3	BAJA	Saranacentral Bajatama Tbk	21-Des-2011
4	BTON	Beton Jaya Manunggal Tbk	18-Jul-2001
5	CTBN	Citra Turbindo Tbk	28-Nop-1989
6	GDST	Gunawan Dianjaya Steel Tbk	23-Des-2009
7	INAI	Indal Alumunium Industry Tbk	05-Des-1994
8	ISSP	Steel Pipe Industry of Indonesia Tbk	22-Feb-2013
9	JKSW	Jakarta Kyoei Steel Work LTD Tbk	06-Agu-1997
10	JPRS	Jaya Pari Steel Tbk	08-Agu-1989
11	KRAS	Krakatau Steel (Persero) Tbk	10-Nop-2010

12	LION	Lion Metal Works Tbk	20-Agu-1993
13	LMSH	Lionmesh Prima Tbk	04-Jun-1990
14	NIKL	Pelat Timah Nusantara Tbk	14-Des-2009
15	PICO	Pelangi Indah Canindo Tbk	23-Sep-1996
16	TBMS	Tembaga Mulia Semanan	30-Sep-1993

Lampiran 2: Laba Bersih

KODE	LABA BERSIH		
	2015	2016	2017
ALKA	-1,176,000,000	516,000,000	15,406,000,000
ALMI	-53,614,000,000	-99,932,000,000	8,446,000,000
BAJA	-9,339,000,000	34,876,000,000	-24,486,000,000
BRPT	74,487,000,000	3,759,339,000,000	3,791,936,000,000
BTON	6,323,000,000	-5,975,000,000	11,371,000,000
BUDI	21,072,000,000	38,624,000,000	45,691,000,000
DPNS	9,859,000,000	10,009,000,000	5,963,000,000
EKAD	47,040,000,000	90,686,000,000	76,196,000,000
GDST	-55,212,000,000	31,705,000,000	10,285,000,000
ISSP	158,999,000,000	102,925,000,000	8,634,000,000
INAI	28,616,000,000	35,553,000,000	38,652,000,000
INCI	16,961,000,000	9,989,000,000	16,554,000,000
JKSW	-23,097,000,000	-2,895,000,000	-3,925,000,000
KRAS	-326,514,000,000	-180,724,000,000	-86,097,000,000
LION	46,019,000,000	42,345,000,000	9,283,000,000
LMSH	1,944,000,000	6,253,000,000	12,967,000,000
NIKL	-88,096,000,000	33,851,000,000	15,447,000,000
PICO	14,975,000,000	12,512,000,000	16,824,000,000
SRSN	15,505,000,000	11,056,000,000	17,698,000,000
TBMS	31,868,000,000	97,102,000,000	102,744,000,000
TPIA	26,256,000,000	300,125,000,000	319,154,000,000
UNIC	-12,696,000,000	283,799,000,000	161,647,000,000

Lampiran 3: Ekuitas

KODE	EKUITAS		
	2015	2016	2017
ALKA	62,032,000,000	61,105,000,000	78,490,000,000
ALMI	565,111,000,000	403,695,000,000	378,871,000,000
BAJA	161,628,000,000	196,503,000,000	172,016,000,000
BRPT	17,528,438,000,000	19,460,272,000,000	27,324,948,000,000
BTON	149,104,000,000	143,533,000,000	154,639,000,000
BUDI	1,105,251,000,000	1,164,982,000,000	1,194,700,000,000
DPNS	241,296,000,000	263,265,000,000	267,835,000,000
EKAD	291,961,000,000	592,005,000,000	662,818,000,000
GDST	804,410,000,000	832,123,000,000	845,280,000,000
ISSP	2,553,475,000,000	2,645,057,000,000	2,840,941,000,000
INAI	239,821,000,000	258,016,000,000	277,405,000,000
INCI	154,051,000,000	242,826,000,000	268,379,000,000
JKSW	-440,533,000,000	-441,753,000,000	-445,771,000,000
KRAS	1,788,029,000,000	1,839,677,000,000	1,852,809,000,000
LION	454,599,000,000	470,603,000,000	452,307,000,000
LMSH	112,442,000,000	117,316,000,000	129,622,000,000
NIKL	549,188,000,000	537,543,000,000	564,231,000,000
PICO	247,091,000,000	259,189,000,000	279,684,000,000
SRSN	340,079,000,000	402,054,000,000	415,505,000,000
TBMS	318,160,000,000	388,758,000,000	494,742,000,000
TPIA	886,846,000,000	1,141,668,000,000	1,668,822,000,000
UNIC	2,063,925,000,000	2,165,726,000,000	2,146,162,000,000

Lampiran 4: Aset

KODE	ASET		
	2015	2016	2017
ALKA	144,628,000,000	136,619,000,000	305,208,000,000
ALMI	2,189,038,000,000	2,153,031,000,000	2,376,282,000,000
BAJA	948,683,000,000	982,627,000,000	946,449,000,000
BRPT	33,023,452,000,000	34,538,447,000,000	49,354,389,000,000
BTON	183,116,000,000	177,290,000,000	183,502,000,000
BUDI	3,265,953,000,000	2,931,807,000,000	2,939,456,000,000
DPNS	274,483,000,000	296,130,000,000	308,491,000,000
EKAD	389,691,000,000	702,509,000,000	796,768,000,000
GDST	1,183,934,000,000	1,257,610,000,000	1,286,955,000,000
ISSP	5,447,784,000,000	6,041,811,000,000	6,269,365,000,000
INAI	1,330,259,000,000	1,339,032,000,000	1,213,917,000,000
INCI	169,546,000,000	269,351,000,000	303,788,000,000
JKSW	265,280,000,000	273,182,000,000	252,295,000,000
KRAS	3,702,144,000,000	3,936,713,000,000	4,114,386,000,000
LION	639,330,000,000	685,813,000,000	681,938,000,000
LMSH	133,783,000,000	162,828,000,000	161,163,000,000
NIKL	1,666,802,000,000	1,607,856,000,000	1,708,712,000,000
PICO	605,788,000,000	605,882,000,000	720,239,000,000
SRSN	574,073,000,000	717,150,000,000	652,726,000,000
TBMS	1,916,223,000,000	1,743,980,000,000	2,232,990,000,000
TPIA	1,862,386,000,000	2,129,269,000,000	2,987,304,000,000
UNIC	3,260,413,000,000	3,048,812,000,000	3,031,324,000,000

Lampiran 5: Ln Aset

KODE	LN ASET		
	2015	2016	2017
ALKA	25.697431	25.640462	26.444259
ALMI	28.414483	28.397898	28.496558
BAJA	27.578341	27.613495	27.575983
BRPT	31.128239	31.173094	31.530048
BTON	25.933386	25.901053	25.935491
BUDI	28.814573	28.706640	28.709246
DPNS	26.338155	26.414064	26.454959
EKAD	26.688620	27.277924	27.403829
GDST	27.799864	27.860234	27.883300
ISSP	29.326230	29.429725	29.466696
INAI	27.916395	27.922968	27.824873
INCI	25.856390	26.319281	26.439596
JKSW	26.304052	26.333404	26.253865
KRAS	28.939933	29.001367	29.045511
LION	27.183687	27.253871	27.248205
LMSH	25.619485	25.815960	25.805682
NIKL	28.141928	28.105923	28.166761
PICO	27.129796	27.129951	27.302849
SRSN	27.076022	27.298551	27.204423
TBMS	28.281377	28.187191	28.434363
TPIA	28.252880	28.386800	28.725392
UNIC	28.812875	28.745773	28.740021

Lampiran 6: Kewajiban

KODE	KEWAJIBAN		
	2015	2016	2017
ALKA	82,596,000,000	75,514,000,000	226,718,000,000
ALMI	1,623,927,000,000	1,749,336,000,000	1,997,411,000,000
BAJA	787,055,000,000	786,124,000,000	774,433,000,000
BRPT	15,495,014,000,000	15,078,175,000,000	22,029,441,000,000
BTON	34,012,000,000	33,757,000,000	28,863,000,000
BUDI	2,160,702,000,000	1,766,825,000,000	1,744,756,000,000
DPNS	33,187,000,000	32,865,000,000	40,656,000,000
EKAD	97,730,000,000	110,504,000,000	133,950,000,000
GDST	379,524,000,000	425,487,000,000	441,675,000,000
ISSP	2,894,309,000,000	3,396,754,000,000	3,428,424,000,000
INAI	1,090,438,000,000	1,081,016,000,000	936,512,000,000
INCI	15,495,000,000	26,525,000,000	35,409,000,000
JKSW	705,813,000,000	714,935,000,000	698,066,000,000
KRAS	1,914,115,000,000	2,097,036,000,000	2,261,577,000,000
LION	184,731,000,000	215,210,000,000	229,631,000,000
LMSH	21,341,000,000	45,512,000,000	31,541,000,000
NIKL	1,117,614,000,000	1,070,313,000,000	1,144,481,000,000
PICO	358,697,000,000	346,693,000,000	440,555,000,000
SRSN	233,994,000,000	315,096,000,000	237,221,000,000
TBMS	1,598,063,000,000	1,355,222,000,000	1,738,248,000,000
TPIA	975,540,000,000	987,601,000,000	1,318,482,000,000
UNIC	1,196,488,000,000	883,086,000,000	885,162,000,000

Lampiran 7: Closing Price

KODE	CLOSING PRICE		
	2015	2016	2017
ALKA	159	136	422
ALMI	183	191	312
BAJA	142	244	160
BRPT	505	3130	2440
BTON	535	140	175
BUDI	69	99	127
DPNS	310	376	400
EKAD	500	745	680
GDST	60	101	129
ISSP	154	150	125
INAI	350	775	448
INCI	288	408	625
JKSW	62	238	86
KRAS	146	163	448
LION	900	1000	615
LMSH	510	660	715
NIKL	226	5,922	924
PICO	173	214	258
SRSN	50	50	58
TBMS	9,200	1375	1045
TPIA	1,590	5,256	635
UNIC	1,265	3380	42,939

Lampiran 8: Saham Beredar

KODE	Saham Beredar		
	2015	2016	2017
ALKA	507,665,055	507,665,055	507,665,055
ALMI	616,000,000	616,000,000	616,000,000
BAJA	1,800,000,000	1,800,000,000	1,800,000,000
BRPT	17,791,586,878	17,791,586,878	17,791,586,878
BTON	180,000,000	720,000,000	720,000,000
BUDI	4,498,997,362	4,498,997,362	4,498,997,362
DPNS	331,129,952	331,129,952	331,129,952
EKAD	698,775,000	698,775,000	698,775,000
GDST	8,200,000,000	8,200,000,000	8,200,000,000
ISSP	7,185,992,035	7,185,992,035	7,185,992,035
INAI	316,800,000	316,800,000	633,600,000
INCI	2,202,500	2,202,500	4,345,600
JKSW	150,000,000	150,000,000	150,000,000
KRAS	15775000000	19,346,000,000	19,346,000,000
LION	520,160,000	520,160,000	520,160,000
LMSH	96,000,000	96,000,000	96,000,000
NIKL	2,523,350,000	2,523,350,000	2,523,350,000
PICO	568,375,000	568,375,000	568,375,000
SRSN	6,020,000,000	6,020,000,000	6,020,000,000
TBMS	367,340,000	367,340,000	367,340,000
TPIA	3,286,962,558	3,286,962,558	17,833,520,260
UNIC	383,331,363	383,331,363	383,331,363

Lampiran 9: ROE

KODE	ROE		
	2015	2016	2017
ALKA	-0.018958	0.008444	0.196280
ALMI	-0.094873	-0.247543	0.022293
BAJA	-0.057781	0.177483	-0.142347
BRPT	0.004249	0.193180	0.138772
BTON	0.042407	-0.041628	0.073533
BUDI	0.019065	0.033154	0.038245
DPNS	0.040859	0.038019	0.022264
EKAD	0.161117	0.153185	0.114958
GDST	-0.068637	0.038101	0.012168
ISSP	0.062268	0.038912	0.003039
INAI	0.119322	0.137794	0.139334
INCI	0.110100	0.041136	0.061681
JKSW	0.052430	0.006553	0.008805
KRAS	-0.182611	-0.098237	-0.046468
LION	0.101230	0.089980	0.020524
LMSH	0.017289	0.053300	0.100037
NIKL	-0.160411	0.062974	0.027377
PICO	0.060605	0.048274	0.060154
SRSN	0.045592	0.027499	0.042594
TBMS	0.100163	0.249775	0.207672
TPIA	0.029606	0.262883	0.191245
UNIC	-0.006151	0.131041	0.075319

Lampiran 10: Tobin's Q

KODE	TOBIN'S Q		
	2015	2016	2017
ALKA	1.129206	1.058099	1.444761
ALMI	0.793342	0.867146	0.921441
BAJA	1.099055	1.246988	1.122546
BRPT	0.741284	2.048901	1.325939
BTON	0.711636	0.758966	0.843931
BUDI	0.756635	0.754560	0.787945
DPNS	0.494884	0.531422	0.561144
EKAD	1.147364	0.898339	0.764485
GDST	0.736125	0.996881	1.165134
ISSP	0.734418	0.740614	0.690129
INAI	0.903071	0.990668	1.005312
INCI	0.095132	0.101814	0.125499
JKSW	2.695691	2.747747	2.817995
KRAS	1.137571	1.333811	2.656189
LION	1.021186	1.072260	0.805835
LMSH	0.525485	0.668632	0.621613
NIKL	1.012652	9.958923	2.034608
PICO	0.754432	0.772964	0.815279
SRSN	0.931927	0.859089	0.898357
TBMS	2.597605	1.066706	0.950348
TPIA	3.330763	8.577795	4.232166
UNIC	0.515702	0.714621	5.721958

Lampiran 11: CSR

KODE	CSR		
	2015	2016	2017
ALKA	0.1429	0.1429	0.1319
ALMI	0.0659	0.0330	0.0989
BAJA	0.1538	0.1538	0.1429
BRPT	0.0769	0.0769	0.0659
BTON	0.2308	0.0659	0.2198
BUDI	0.2747	0.2747	0.2747
DPNS	0.1538	0.1538	0.1429
EKAD	0.1538	0.1538	0.1429
GDST	0.0659	0.0549	0.0440
ISSP	0.0659	0.0549	0.0440
INAI	0.0549	0.0440	0.0330
INCI	0.2418	0.2418	0.2418
JKSW	0.1758	0.1758	0.1758
KRAS	0.0659	0.0659	0.3187
LION	0.2088	0.2088	0.2088
LMSH	0.0769	0.0659	0.0659
NIKL	0.0659	0.3187	0.0989
PICO	0.1758	0.1648	0.1538
SRSN	0.1538	0.1538	0.1429
TBMS	0.1429	0.1319	0.1209
TPIA	0.1978	0.4286	0.1868
UNIC	0.1978	0.4286	0.4176

Lampiran 12: Hasil Olah Data

1. Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
CSR	66	.033	.428	.154	.093
UkP	66	25.619	31.530	27.685	1.338
UmP	66	20	47	35.55	6.942
ROE	66	-.247	.262	.0477	.0961
TOBINS_Q	66	.0951	9.958	1.438	1.688
Valid N (listwise)	66				

2. Uji Kolmogorov-Smirnov

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual	Unstandardized Residual
N		66	66
Normal Parameters ^{a,b}	Mean	.000	.000
	Std. Deviation	.092	1.435
	Most Extreme Differences		
	Absolute	.100	.167
	Positive	.093	.167
	Negative	-.100	-.140
Kolmogorov-Smirnov Z		.809	1.359
Asymp. Sig. (2-tailed)		.529	.050

a. Test distribution is Normal.

b. Calculated from data.

3. Uji Multikolinieritas

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
	B	Std. Error	Beta			Tolerance	VIF
(Constant)	-.073	.251		-.290	.773		
1 CSR	.276	.127	.268	2.177	.033	.988	1.012
UkP	.002	.009	.031	.252	.802	.992	1.008
UmP	.000	.002	.033	.268	.789	.989	1.011

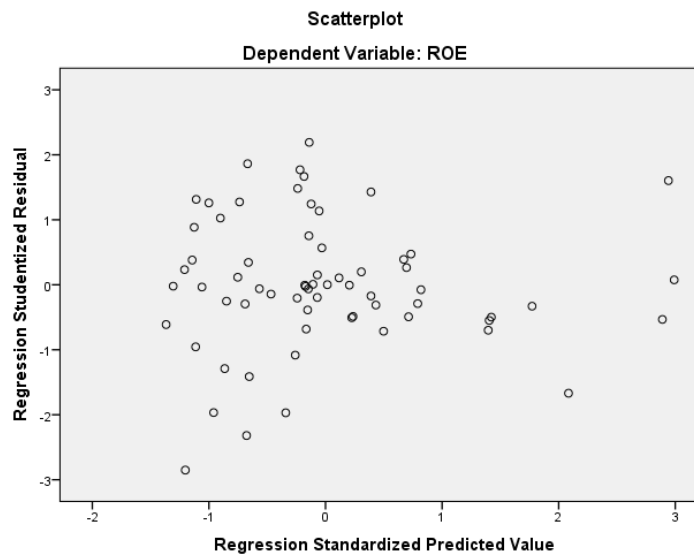
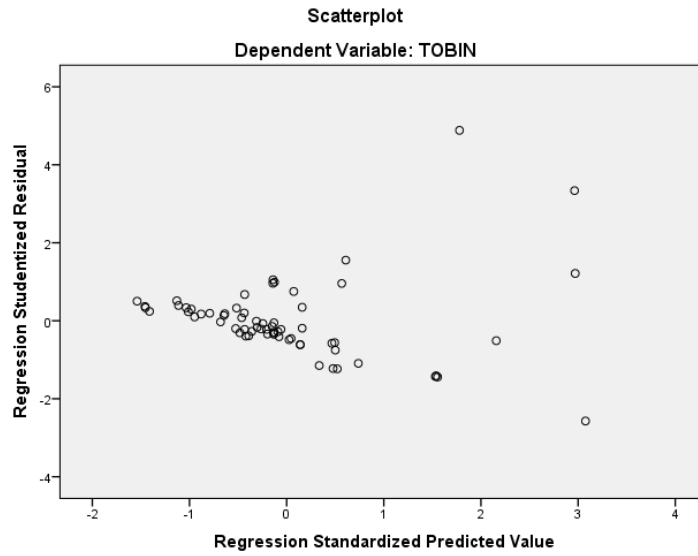
a. Dependent Variable: ROE

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
	B	Std. Error	Beta			Tolerance	VIF
(Constant)	-7.363	3.890		-1.893	.063		
1 CSR	9.050	1.964	.500	4.607	.000	.988	1.012
UkP	.258	.137	.205	1.888	.064	.992	1.008
UmP	.007	.026	.030	.272	.786	.989	1.011

a. Dependent Variable: TOBIN'S Q

4. Uji Heterokedastisitas



5. Uji Autokorelasi

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.267 ^a	.071	.026	.0948756	1.866

a. Predictors: (Constant), UMUR, UKURAN, CSR

b. Dependent Variable: ROE

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.526 ^a	.277	.242	1.4701772	2.315

a. Predictors: (Constant), UMUR, UKURAN, CSR

b. Dependent Variable: TOBIN

6. Analisis Linier Berganda

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.073	.251		-.290	.773
	CSR	.276	.127	.268	2.177	.033
	UkP	.002	.009	.031	.252	.802
	UmP	.000	.002	.033	.268	.789

a. Dependent Variable: ROE

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	
	B	Std. Error	Beta			
1	(Constant)	-7.363	3.890		-1.893	.063
	CSR	9.050	1.964	.500	4.607	.000
	UkP	.258	.137	.205	1.888	.064
	UmP	.007	.026	.030	.272	.786

a. Dependent Variable: TOBINS_Q