

# LAMPIRAN 1

## Daftar Sampel Perusahaan Manufaktur Tahun 2010-2014

No	Nama Perusahaan	Ticker Symbol
1	PT Sepatu BATA	BATA
2	PT Charoen pokphand Indonesia TBK	CPIN
3	PT Mandom Indonesia TBK	TCID
4	Selamat Sempurna TBK	SMSM
5	PT ASTRA Internasional	ASII
6	PT Indospring TBK	INDS
7	PT Japfa comfeed Indonesia TBK	JPFA
8	Nipress TBK	NIPS
9	PT Pan Brothers TBK	PBRX
10	PT Semen Indonesia TBK	SMGR
11	PT Surya toto Indonesia TBK	TOTO
12	PT Siantar top TBK	STTP
13	Pyridam Farma TBK	PYFA
14	PT Akasha wira Internasional TBK	ADES
15	PT Tiga pilar sejahtera food TBK	AISA
16	PT Kedwung stia Industrial TBK	KDSI
17	KALBE	KLBF
18	PT Indofood sukses makmur TBK	INDF

# LAMPIRAN 2

nama	size	growth	roa	der	pbv
BATA 2010	26.1794144	7.43375211	0.12251627	0.448313642	2.670908352
BATA 2011	20.7822792	3.58330541	0.08062032	0.35151058	1.38568348
BATA 2012	20.8728381	9.50817801	0.09558037	0.37639368	1.54904703
BATA 2013	21.0188659	17.6264479	0.03740968	0.60443555	3.00933582
BATA 2014	21.1093241	7.15344934	0.0763493	0.64128639	2.54894686
CPIN 2010	28.708979	3.39635477	0.32993262	0.444385641	6.584751229
CPIN 2011	23.0249409	18.2990588	0.18901276	0.32451309	4.13955821
CPIN 2012	23.2879817	14.2776757	0.15568831	0.41146666	6.01002229
CPIN 2013	23.4528448	16.1274092	0.11090323	0.13675605	3.8780054
CPIN 2014	25.3683412	27.2467621	0.09030172	1.04007309	4.67314641
ASII 2011	31.7829068	25.2799937	0.13358414	0.996671144	3.843625359
ASII 2012	25.3236147	9.70361938	0.09319107	0.79386556	2.51716391
ASII 2013	25.4445666	-0.5076585	0.07549836	0.77846097	1.80457133
ASII 2014	25.5056731	3.32126215	0.06977315	0.72810749	1.90192953
INDS 2010	33.3526905	8.19643329	0.15099792	2.325221885	0.24399921
INDS 2011	26.7855685	18.3002601	0.06996076	0.25299465	1.1878769
INDS 2012	27.0744714	14.940843	0.05623158	0.28012972	1.65356558
INDS 2013	27.2645021	10.757811	0.04867864	0.14621172	0.03450311
INDS 2014	27.2392205	6.15342414	0.04046877	0.19029277	0.46351501
JPFA 2010	28.775537	2.57485768	0.15212758	1.105489518	2.229656744
JPFA 2011	22.9411937	11.4098432	0.04526873	0.92247582	1.56665356
JPFA 2012	23.1844659	11.3061384	0.07934933	1.02894738	2.38213985
JPFA 2013	23.4277184	16.8358268	0.02039764	1.5447534	-0.14275916
JPFA 2014	23.4098987	9.61276009	0.01458765	1.54949318	0.2796633
NIPS 2010	32.5496727	42.0458491	0.03649528	1.244030123	0.394014404
NIPS 2011	26.0387138	34.5438245	0.03129116	1.39686327	0.38879596
NIPS 2012	26.1370544	11.0897414	0.03182286	1.0568621	0.27070518
NIPS 2013	26.5176491	24.7446326	0.03299308	2.05133052	-0.0602075
NIPS 2014	26.8346556	4.68433893	0.03178448	0.54733043	0.01057673
PBRX 2010	26.7686224	11.2768151	0.03914379	4.190003629	1.062177396
PBRX 2011	21.7188329	49.3350743	0.0383501	0.22343721	1.71894604
PBRX 2012	21.8750297	12.3682228	0.03418831	1.1502766	1.29464402
PBRX 2013	22.1701563	48.858424	0.03430449	1.03190113	0.6640575
PBRX2014	22.5502787	-11.52789	0.01730122	0.47808683	1.0403648
SMGR 2010	29.5557332	9.19794414	0.20278682	0.259960302	4.80203717
SMGR 2011	23.6232361	12.0099446	0.15323178	0.28384398	3.5122283
SMGR 2012	23.8709175	16.3938735	0.13908959	0.38379738	4.10716065
SMGR	23.9487414	20.4965732	0.13124866	0.30572055	2.6591645

2013					
SMGR 2014	24.0231839	4.39155739	0.12243337	0.2776322	2.95813812
SMSM 2010	26.9481778	13.2714446	0.15031293	0.935625124	2.886543639
SMSM 2011	21.3892161	12.6207121	0.15733368	0.47408876	2.23799011
SMSM 2012	21.6118635	16.0644372	0.14197305	0.59695358	3.76069486
SMSM 2013	21.723103	5.13685134	0.15596964	0.51553674	3.91500636
SMSM 2014	21.7129625	8.72847974	0.19519202	0.36679755	4.82930627
TOTO 2010	33.6914921	14.0116875	0.17274447	0.710265675	3.006979633
TOTO 2011	26.8670519	16.3426508	0.12199726	0.59344375	2.57633717
TOTO 2012	26.9480793	12.9793128	0.11750487	0.52019726	2.90893118
TOTO 2013	27.0555813	4.50794593	0.09983212	0.52614885	2.83735344
TOTO 2014	27.1733486	18.0410273	0.11376644	0.48881013	0.75167769
ADES 2011	25.7642227	35.8783407	0.0796381	1.472522632	4.610967214
ADES 2012	20.5968802	50.7119375	0.19545696	0.51252968	4.32698286
ADES 2013	20.674426	-8.1834209	0.07690114	0.46784816	3.21066918
ADES 2014	20.7806921	13.9262751	0.03242122	0.55365276	1.71756228
AISA 2010	27.5282483	31.3917706	0.04021993	2.220952286	2.150507086
AISA 2011	22.4020677	141.126376	0.03225772	0.43390814	-0.05677486
AISA 2012	22.3345194	22.5902677	0.05598105	0.68142754	1.45018559
AISA 2013	22.5783757	34.5913668	0.05397299	0.92292675	1.41795442
AISA 2014	22.9024276	15.7438281	0.03541166	0.79183437	1.29782945
INDF 2010	30.0113502	1.77607333	0.06209589	0.799476153	1.675487513
INDF 2011	24.5181553	17.6225887	0.07660863	0.50622697	0.88163237
INDF 2012	24.4432082	6.27807417	0.05956899	0.57763993	1.21049576
INDF 2013	24.69469	12.9285239	0.02522105	0.86545626	1.16411528
INDF 2014	24.7272066	6.62940825	0.04982127	0.8463893	1.09015363
KDSI 2010	26.3168594	16.5454826	0.02946925	1.150602663	0.362390931
KDSI 2011	20.8784156	1.20500839	0.03324899	0.83271787	0.26976719
KDSI 2012	20.8370621	9.05849136	0.05531255	0.551467	0.5526541
KDSI 2013	21.2427021	4.17628799	0.02749574	1.23009996	0.25102331
KDSI 2014	21.2641983	15.8041804	0.03698365	1.07593052	0.28050972
KLBF 2010	28.783142	12.1962796	0.1779257	0.25789365	5.80149304
KLBF 2011	22.94038	3.81580409	0.14199451	0.2089335	3.9280076
KLBF 2012	23.0324716	23.4279365	0.14614781	0.21551715	5.52149806
KLBF 2013	23.186219	11.6058137	0.1307936	0.26734361	5.34313435
PYFA 2010	24.6502632	13.4450668	0.04061789	0.294350987	0.856076536

PYFA 2011	19.6673525	4.08871689	0.03421665	0.36291163	0.94039864
PYFA 2012	19.771142	15.2961976	0.02899486	0.44945807	0.8168642
PYFA 2013	19.9927241	5.05174191	0.02639521	0.73867787	0.58920023
PYFA 2014	19.9206276	13.2316502	0.00725014	0.58999264	0.55535587
STTP 2010	26.4647447	21.024583	0.06254249	0.439418476	1.710377347
STTP 2011	21.3077642	29.7884192	0.03086906	0.80356224	1.44014603
STTP 2012	21.5144177	16.9210414	0.04920781	0.94733541	1.94859273
STTP 2013	21.6098955	26.3008786	0.06411216	0.85195965	2.37950532
STTP 2014	21.7180145	20.6886551	0.05471365	0.8224155	3.94170681
TCID 2010	26.9298932	5.37111082	0.12212707	0.101310706	1.443373498
TCID 2011	21.3882533	11.5278974	0.09496532	0.08429394	1.17555102
TCID 2012	21.4799591	8.93095241	0.09071418	0.12531234	1.66697403
TCID 2013	21.6049486	6.81677845	0.08182992	0.20464416	1.55826948
TCID 2014	21.804843	11.62642	0.06893265	0.38887284	2.27942093

nama	size	growth	roa	der	pbv
BATA 2010	26.90587	7.640033	0.125916	0.460754	2.745024
BATA 2011	26.97063	5.340513	0.109581	0.457484	2.017039
BATA 2012	27.07608	10.7365	0.120784	0.481615	2.012966
BATA 2013	27.24637	20.09584	0.06519	0.715207	3.472318
BATA 2014	27.37599	11.77549	0.091343	0.805784	3.34758
CPIN 2010	29.50563	3.490601	0.339088	0.456717	6.767473
CPIN 2011	29.81124	19.1019	0.267003	0.429558	5.696077
CPIN 2012	30.14457	18.67111	0.217099	0.510265	7.32012
CPIN 2013	30.3861	20.42177	0.160836	0.254117	5.561633
CPIN 2014	32.35714	31.94377	0.127294	1.09852	5.952322
ASII 2011	32.66486	25.98149	0.137291	1.024328	3.950283
ASII 2012	32.83653	15.67936	0.124768	1.029461	3.425729
ASII 2013	32.99697	3.098595	0.104195	1.015237	2.592489
ASII 2014	33.09498	4.033939	0.093738	0.961612	2.498202
INDS 2010	34.2782	8.423878	0.155188	2.389745	0.25077
INDS 2011	34.66956	20.23775	0.105654	0.802636	1.245554
INDS 2012	35.04847	19.59553	0.080532	0.464736	1.940043
INDS 2013	35.32565	15.26478	0.067201	0.253101	0.480713
INDS 2014	35.36412	9.664324	0.055925	0.248506	0.574079
JPFA 2010	29.57404	2.646308	0.156349	1.136166	2.291528
JPFA 2011	29.74322	12.01849	0.081229	1.183794	2.093705
JPFA 2012	30.02541	14.07039	0.098032	1.30122	2.863692
JPFA 2013	30.33356	20.07202	0.042945	1.844034	0.51589
JPFA 2014	30.38662	14.22932	0.024465	1.973621	0.398318
NIPS 2010	33.4529	43.21259	0.037508	1.278551	0.404948
NIPS 2011	33.73288	44.48272	0.039918	1.69093	0.481934
NIPS 2012	33.89562	21.32077	0.041004	1.445776	0.38155
NIPS 2013	34.31364	29.64841	0.042424	2.383859	0.027549
NIPS 2014	34.72679	11.50347	0.041542	1.095618	0.016913
PBRX 2010	27.51143	11.58974	0.04023	4.306273	1.091652
PBRX 2011	28.04646	52.00071	0.047603	1.21388	1.970026
PBRX 2012	28.32572	24.32839	0.045137	1.429469	1.74775
PBRX 2013	28.68507	54.45395	0.044686	1.360679	1.06604
PBRX2014	29.14785	0.996519	0.027579	0.791043	1.285554
SMGR 2010	30.37588	9.45318	0.208414	0.267174	4.93529
SMGR 2011	30.60969	14.18418	0.201167	0.345294	4.647345
SMGR 2012	30.91115	19.65623	0.185358	0.463215	5.17605
SMGR	31.05831	25.01751	0.173881	0.41226	3.849656

2013					
SMGR 2014	31.16659	10.14558	0.162426	0.372452	3.843559
SMSM 2010	27.69597	13.63972	0.154484	0.961588	2.966643
SMSM 2011	27.75929	15.75785	0.192865	0.695254	2.920318
SMSM 2012	27.9965	19.68874	0.186332	0.756862	4.432368
SMSM 2013	28.1623	9.665262	0.198826	0.689615	4.934451
SMSM 2014	28.19029	10.95149	0.240922	0.525409	5.96423
TOTO 2010	34.62641	14.4005	0.177538	0.729975	3.090421
TOTO 2011	34.83113	19.65477	0.162831	0.761338	3.287134
TOTO 2012	34.95924	17.49991	0.154956	0.695305	3.664972
TOTO 2013	35.09621	8.532925	0.135472	0.686069	3.680297
TOTO 2014	35.24548	20.0036	0.144925	0.646606	1.598146
ADES 2011	26.47916	36.87394	0.081848	1.513384	4.738918
ADES 2012	26.68709	59.19294	0.214282	0.860608	5.416934
ADES 2013	26.81246	5.430956	0.126186	0.665788	4.456564
ADES 2014	26.94756	15.1754	0.061444	0.706784	2.742572
AISA 2010	28.29214	32.26287	0.041336	2.282582	2.210182
AISA 2011	28.90926	148.5468	0.041765	0.958902	0.451567
AISA 2012	28.98365	56.75604	0.065587	0.901975	1.554046
AISA 2013	29.24462	47.64526	0.069058	1.130381	1.775385
AISA 2014	29.62869	26.70224	0.051295	1.051822	1.706168
INDF 2010	30.84414	1.825358	0.063819	0.821661	1.721981
INDF 2011	31.61231	18.04242	0.091287	0.695209	1.277688
INDF 2012	31.71404	10.42783	0.080565	0.737538	1.504364
INDF 2013	31.98892	15.32693	0.043751	1.03509	1.510119
INDF 2014	32.08466	10.1546	0.059884	1.08446	1.437481
KDSI 2010	27.04713	17.00461	0.030287	1.182531	0.372447
KDSI 2011	27.09926	5.116068	0.040215	1.1047	0.35543
KDSI 2012	27.06989	10.23519	0.064562	0.805548	0.634403
KDSI 2013	27.46878	6.530381	0.042345	1.415376	0.396936
KDSI 2014	27.58202	17.30617	0.046723	1.401467	0.371805
KLBF 2010	29.58185	12.53472	0.182863	0.26505	5.96248
KLBF 2011	29.74421	6.698789	0.184053	0.269895	5.299378
KLBF 2012	29.87364	24.96866	0.18848	0.277593	6.740355
KLBF 2013	30.05716	17.34861	0.174144	0.33119	6.893416
PYFA 2010	25.33429	13.81816	0.041745	0.302519	0.879832

PYFA 2011	25.49424	7.266893	0.043818	0.432491	1.14276
PYFA 2012	25.63482	16.96758	0.039073	0.548931	1.079699
PYFA 2013	25.88873	8.954286	0.035382	0.864932	0.837531
PYFA 2014	25.87504	15.29114	0.015388	0.788927	0.747988
STTP 2010	27.19912	21.608	0.064278	0.451612	1.757839
STTP 2011	27.56356	34.75826	0.045653	0.907433	1.844449
STTP 2012	27.85404	24.91544	0.059708	1.156045	2.372816
STTP 2013	28.01632	32.03143	0.077845	1.11785	2.925253
STTP 2014	28.16177	28.05588	0.072618	1.079521	4.614515
TCID 2010	27.67718	5.520155	0.125516	0.104122	1.483426
TCID 2011	27.754	12.79753	0.123834	0.108242	1.516739
TCID 2012	27.86338	11.87439	0.119196	0.150208	2.015824
TCID 2013	28.01353	9.547887	0.109245	0.239192	2.021909
TCID 2014	28.24795	13.82243	0.094059	0.443887	2.74446



# LAMPIRAN 3

## Hasil Uji Dekriptif statistik.

### Descriptive Statistics

### Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
X1	87	19.667352 5300	33.691492 0700	24.263033 960690	3.2072978691 884
X2	87	- 11.527890 1900	141.12637 64000	15.805840 079988	17.675506546 6005
X3	87	.00725014 00	.32993262 40	.08452826 2575	.05766095783 68
X4	87	.08429394 00	4.1900036 290	.72044835 1333	.58933836805 02
Y	87	- .14275916 00	6.5847512 290	2.1001056 51506	1.6134404550 962
Valid N (listwise)	87				

## Hasil Uji Normalitas

### One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		87
Normal Parameters <sup>a,b</sup>	Mean	.0000000
	Std. Deviation	.97617027
Most Extreme Differences	Absolute	.122
	Positive	.122
	Negative	-.056
Kolmogorov-Smirnov Z		1.142
Asymp. Sig. (2-tailed)		.147

a. Test distribution is Normal.

b. Calculated from data.

## Hasil Uji Multikoleniaritas

Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	2.236	.845		2.648	.010		
	X1	-.088	.038	-.174	-2.314	.023	.785	1.274
	X2	.002	.006	.022	.320	.750	.982	1.018
	X3	23.258	2.137	.831	10.882	.000	.765	1.307
	X4	-.005	.206	-.002	-.026	.979	.786	1.273

a. Dependent Variable: Y

## Hasil Uji Heterokedstisitas

Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.567	.688		2.278	.025
	x1	-.057	.035	-.179	-1.654	.102
	x2	.005	.004	.112	1.049	.297
	x3	2.845	1.529	.211	1.861	.066
	x4	.050	.140	.040	.358	.722

a. Dependent Variable: res2

## Hasil Uji Autokorelasi

Model Summary<sup>b</sup>

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.796 <sup>a</sup>	.634	.616	*****	1.814

a. Predictors: (Constant), X4, X2, X1, X3

b. Dependent Variable: Y

## Uji t

### Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	2.236	.845		2.648	.010
	X1	-.088	.038	-.174	-2.314	.023
	X2	.002	.006	.022	.320	.750
	X3	23.258	2.137	.831	10.882	.000
	X4	-.005	.206	-.002	-.026	.979

a. Dependent Variable: Y

## Uji F

### ANOVA<sup>b</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	141.924	4	35.481	35.503	.000 <sup>a</sup>
	Residual	81.950	82	.999		
	Total	223.874	86			

a. Predictors: (Constant), X4, X2, X1, X3

b. Dependent Variable: Y

## Uji Koefisien Determinasi

### Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.796 <sup>a</sup>	.634	.616	*****

a. Predictors: (Constant), X4, X2, X1, X3