

LAMPIRAN

Lampiran 1 : Daftar Perusahaan Yang Menjadi Sampel Penelitian

NO.	RETAIL / WHOLESALE	KODE PERUSAHAAN	NAMA PERUSAHAAN
1	RETAIL	ACES	PT. Ace Hardware Tbk.
2	RETAIL	AMRT	PT. Sumber Alfaria Trijaya Tbk.
3	RETAIL	CENT	PT. Centrine Online Tbk.
4	RETAIL	CSAP	PT. Catur Sentosa Adiprana Tbk.
5	RETAIL	ERAA	PT. Erajaya Swasembada Tbk.
6	RETAIL	GLOB	PT. Global Teleshop Tbk.
7	RETAIL	GOLD	PT. Golden Retailindo Tbk.
8	RETAIL	HERO	PT. Hero Supermarket Tbk.
9	RETAIL	KOIN	PT. Kokoh Inti Arebama Tbk.
10	RETAIL	LPFF	PT. Matahari Departement Store Tbk.
11	RETAIL	MAPI	PT. Mitra Adi Perkasa Tbk.
12	RETAIL	MPPA	PT. Matahari Putra Prima Tbk.
13	RETAIL	RALS	PT. Ramayana Lestari Sentosa Tbk.
14	RETAIL	RANC	PT. Supra Boga Lestari Tbk.
15	RETAIL	SKYB	PT. Skybee Tbk.
16	RETAIL	SONA	PT. Sona Topas Tourism Industry Tbk.
17	RETAIL	TELE	PT. Tiphone Mobile Indonesia Tbk.
18	RETAIL	TRIO	PT. Trikonsel Oke Tbk.
19	WHOLESALE	AIMS	PT.. Akbar Indo Makmur Stimec Tbk.
20	WHOLESALE	AKRA	PT. Akr Corporindo Tbk.
21	WHOLESALE	APII	PT. Arita Prima Indonesia Tbk..
22	WHOLESALE	BSMR	PT. Bintang Raya Semestaraya Tbk..
23	WHOLESALE	CNKO	PT. Exploitasi Energi Indonesia Tbk.
24	WHOLESALE	DSSA	PT. Dian Swastatika Sentosa Tbk.
25	WHOLESALE	EMPT	PT. Enseval Putra Megatrading Tbk.
26	WHOLESALE	FISH	PT.. Fks Multi Agro Tbk.
27	WHOLESALE	HEXA	PT.. Hexindo Adiperkasa Tbk.
28	WHOLESALE	INTD	PT..Inter Delta Tbk.
29	WHOLESALE	ITTG	PT.. Integrasi Teknologi Tbk.
30	WHOLESALE	JKON	PT.. Jaya Konstruksi Manggala Pratama Tbk..
31	WHOLESALE	KOBX	PT.. Kobexindo Tractors Tbk.
32	WHOLESALE	KONI	PT. Perdana Bangun Pusaka Tbk.
33	WHOLESALE	LTLS	PT. Lautan Luas Tbk.
34	WHOLESALE	MDRN	PT. Modern Internasional Tbk.
35	WHOLESALE	MICE	PT. Multi Indocitra Tbk.
36	WHOLESALE	OKAS	PT. Ancora Indonesia Resources Tbk.

37	WHOLESALE	SDPC	PT. Millennium Pharmacon International Tbk.
38	WHOLESALE	TGKA	PT. Tigaraksa Satria Tbk.
39	WHOLESALE	TIRA	PT. Tira Austenite Tbk.
40	WHOLESALE	WAPO	PT.. Wahana Pronatural Tbk.
41	WHOLESALE	WICO	PT..Wicaksana Overseas International Tbk.

Lampiran 2 : Tabulasi Data Perhitungan Variabel-Variabel

NO	KODE PERUSH	LEVERAGE (X1)	LIKUIDITAS (X2)	PROFIT (X3)	(LN)TOTAL ASET (X4)	K.INS (X5)	FD (Y)
1	AIMS	0,01947	51,3995	0,0746	23,9280	0,8432	0
2	AIMS	0,04320	72,2163	-0,0858	23,8666	0,8432	0
3	AIMS	0,04257	39,3266	-0,1034	23,7648	0,8432	1
4	AIMS	0,02331	46,9972	-0,2045	23,5570	0,7705	1
5	AIMS	0,00846	118,2212	-0,1069	23,4380	0,7705	1
6	AKRA	0,63349	1,1714	0,0421	30,3143	0,5918	0
7	AKRA	0,59700	1,0867	0,0534	30,3251	0,5878	0
8	AKRA	0,52075	1,4956	0,0696	30,3525	0,5917	0
9	AKRA	0,48996	1,2709	0,0661	30,3930	0,5858	0
10	AKRA	0,46326	1,6238	0,0775	30,4538	0,5847	0
11	APII	0,38655	2,8060	0,0808	26,4253	0,7193	0
12	APII	0,51730	1,3778	0,0727	26,8094	0,7194	0
13	APII	0,47707	1,4520	0,0392	26,7680	0,7194	0
14	APII	0,41357	1,5119	0,0521	26,7345	0,7194	0
15	APII	0,41540	1,5027	0,0329	26,7711	0,7194	0
16	BSMR	0,53578	1,2016	-0,0393	27,2898	0,8577	1
17	BSMR	0,61594	1,4950	-0,3398	26,8932	0,8755	1
18	BSMR	0,68382	1,6123	-0,0298	26,9964	0,8755	1
19	BSMR	0,70133	1,3602	-0,0376	26,9349	0,8755	1
20	BSMR	0,71621	1,3763	-0,0061	26,9480	0,8755	1
21	CNKO	0,40958	2,2519	0,0188	29,3387	0,5969	0
22	CNKO	0,43210	1,2861	-0,0200	28,5835	0,6135	0
23	CNKO	0,54832	1,1573	-0,0952	29,3666	0,4500	1
24	CNKO	0,63064	1,0272	-0,1215	29,2755	0,2110	1
25	CNKO	0,88668	0,7999	-0,5342	28,9407	0,2110	1
26	DSSA	0,27953	2,0647	-0,0085	30,1167	0,5990	0
27	DSSA	0,35639	1,9018	0,0063	30,2932	0,5990	0
28	DSSA	0,66955	2,7943	-0,0142	29,0293	0,5990	0
29	DSSA	0,29854	3,7743	0,0895	29,2885	0,5990	0
30	DSSA	0,50511	1,6823	0,2017	27,1042	0,5990	0
31	EMPT	0,45029	1,8751	0,0840	29,3409	0,9175	0
32	EMPT	0,42657	1,9819	0,0825	29,4541	0,9170	0
33	EMPT	0,39682	2,1737	0,0811	29,5403	0,9175	0
34	EMPT	0,34813	2,5151	0,0785	29,5893	0,9180	0

35	EMPT	0,30906	2,8008	0,0697	29,6360	0,9180	0
36	FISH	0,82540	1,2269	0,0459	28,5947	0,8334	0
37	FISH	0,74106	1,1890	0,0354	28,3303	0,8334	0
38	FISH	0,79520	1,1456	0,0326	28,7560	0,8334	0
39	FISH	0,68011	1,3955	0,0800	28,5826	0,8948	0
40	FISH	0,70156	1,2611	0,0472	28,8500	0,8948	0
41	HEXA	0,46086	1,9348	0,0744	29,0262	0,7872	0
42	HEXA	0,39441	2,2939	0,0688	28,9617	0,7872	0
43	HEXA	0,18781	5,3412	0,0358	28,6664	0,7364	0
44	HEXA	0,40527	2,1820	0,0985	28,5035	0,7364	0
45	HEXA	0,46955	1,9346	0,0796	28,6725	0,7364	0
46	INTD	0,55857	2,7354	0,0805	24,7013	0,8302	0
47	INTD	0,46667	3,8825	0,0706	24,6542	0,8302	0
48	INTD	0,34224	9,6705	0,0528	24,5877	0,8302	0
49	INTD	0,26906	42,3423	0,0262	24,5683	0,7618	0
50	INTD	0,27171	16,3427	0,0338	24,6302	0,7751	0
51	ITTG	0,02078	52,3791	0,0163	25,2636	0,7806	0
52	ITTG	0,04349	27,0718	0,0042	25,2914	0,7545	0
53	ITTG	0,04242	26,2993	0,0719	25,3683	0,7545	0
54	ITTG	0,04252	17,5912	-0,0527	25,3147	0,7545	0
55	ITTG	0,05528	15,7627	-0,0866	25,2377	0,7545	1
56	JKON	0,52699	1,6040	0,0617	28,8598	0,7057	0
57	JKON	0,54135	1,5551	0,0573	28,9777	0,7057	0
58	JKON	0,48520	1,7914	0,0627	28,9597	0,6617	0
59	JKON	0,42820	1,7037	0,0738	29,0667	0,6089	0
60	JKON	0,45083	1,6929	0,0828	29,0192	0,6089	0
61	KOBX	0,67419	1,3654	0,0042	27,8185	0,8800	0
62	KOBX	0,67802	1,3386	0,0004	27,8418	0,8930	0
63	KOBX	0,66077	1,2968	-0,0632	27,6234	0,8930	0
64	KOBX	0,67616	1,5962	-0,0681	27,4784	0,8407	1
65	KOBX	0,67315	1,4237	0,0172	27,5157	0,8930	0
66	KONI	0,76854	1,1091	-0,0357	25,4030	0,7237	0
67	KONI	0,77736	1,0361	0,0120	25,4970	0,7237	0
68	KONI	0,79719	0,9685	-0,0301	25,5750	0,7237	0
69	KONI	0,85244	0,9267	-0,0597	25,5061	0,7237	1
70	KONI	0,84988	0,9362	-0,0072	25,5050	0,7237	1
71	LTLS	0,69325	1,1396	0,0614	29,1422	0,5503	0
72	LTLS	0,66638	1,2008	0,0894	29,1719	0,5605	0
73	LTLS	0,69970	0,9714	0,0063	29,3162	0,5605	0
74	LTLS	0,70327	0,9839	0,0204	29,3642	0,5605	0
75	LTLS	0,67568	0,9770	0,0635	29,3836	0,5344	0

76	MDRN	0,45333	1,6291	0,0266	28,2662	0,4433	0
77	MDRN	0,43435	1,4392	0,0166	28,4988	0,5053	0
78	MDRN	0,48419	0,7379	-0,0253	28,5430	0,4718	0
79	MDRN	0,67449	0,3262	-0,3226	28,3153	0,5560	1
80	MDRN	1,47001	0,1516	-1,2162	27,4959	0,6487	1
81	MICE	0,21207	3,4672	0,0729	27,1670	0,6043	0
82	MICE	0,19978	3,7281	0,0633	27,2218	0,4481	0
83	MICE	0,23315	2,9519	0,0345	27,3586	0,4481	0
84	MICE	0,29200	2,3877	0,0286	27,4669	0,4481	0
85	MICE	0,29635	2,2068	0,0772	27,4839	0,4481	0
86	OKAS	0,80719	0,8345	-0,0081	28,5497	0,8722	1
87	OKAS	0,84681	0,6651	-0,0305	28,7283	0,8722	1
88	OKAS	0,89284	0,3708	-0,0940	28,5876	0,8722	1
89	OKAS	0,93419	0,3712	-0,0508	28,4715	0,8722	1
90	OKAS	0,89304	0,4093	0,0533	28,5889	0,7427	0
91	SDPC	0,75646	1,3257	0,0217	26,8796	0,8474	0
92	SDPC	0,77021	1,3012	0,0138	26,9961	0,8800	0
93	SDPC	0,78789	1,2733	0,0188	27,1741	0,8800	0
94	SDPC	0,80465	1,2387	0,0151	27,3210	0,8800	0
95	SDPC	0,77333	1,2034	0,0151	27,5670	0,9229	0
96	TGKA	0,74070	1,4448	0,0542	28,5360	0,9787	0
97	TGKA	0,70367	1,5534	0,0668	28,5359	0,9787	0
98	TGKA	0,68147	1,5978	0,0774	28,6042	0,9787	0
99	TGKA	0,64858	1,7210	0,0784	28,6191	0,9787	0
100	TGKA	0,36842	1,4813	0,0858	28,7043	0,9712	0
101	TIRA	0,61373	1,2010	-0,0543	26,1795	0,9478	0
102	TIRA	0,58972	1,2791	0,0106	26,1454	0,9478	0
103	TIRA	0,62141	1,3015	0,0054	26,1021	0,9478	0
104	TIRA	0,50148	1,3476	0,0034	26,5214	0,8995	0
105	TIRA	0,53663	1,3502	-0,0315	26,5573	0,8995	0
106	WAPO	0,88167	0,4892	-0,2902	25,2508	0,5962	0
107	WAPO	0,85995	1,3778	0,0021	25,4146	0,5962	0
108	WAPO	0,85636	1,5910	0,0025	25,4014	0,5962	0
109	WAPO	0,94756	0,4716	-0,0941	25,3857	0,5962	0
110	WAPO	0,38843	1,4536	0,0063	25,5421	0,5962	0
111	WICO	0,49951	1,6284	-0,0285	25,8551	0,8759	0
112	WICO	0,39403	2,0311	0,1925	26,0460	0,8759	0
113	WICO	0,41170	1,8606	0,0129	26,1077	0,8759	0
114	WICO	0,43689	1,8305	0,0144	26,1572	0,8759	0
115	WICO	0,27838	4,3913	0,4110	26,7420	0,6000	0
116	ACES	0,22728	3,9774	0,2029	28,5388	0,5997	0

117	ACES	0,19855	5,0889	0,1862	28,7119	0,5997	0
118	ACES	0,19547	5,9846	0,1790	28,8151	0,5997	0
119	ACES	0,18289	7,2612	0,1893	28,9477	0,5997	0
120	ACES	0,20737	7,0226	0,1763	29,1192	0,5997	0
121	AMRT	0,76248	0,8207	0,0519	30,0255	0,5996	0
122	AMRT	0,78513	0,9146	0,0409	30,2695	0,5281	0
123	AMRT	0,68082	1,1018	0,0305	30,3520	0,5281	0
124	AMRT	0,72812	0,8960	0,0284	30,6001	0,5254	0
125	AMRT	0,76029	0,8842	0,0118	30,7176	0,5254	0
126	CENT	0,12066	1,6266	-0,0377	27,4477	0,5113	1
127	CENT	0,25735	0,5357	-0,0260	27,5554	0,5877	1
128	CENT	0,16660	4,6728	-0,0413	27,8880	0,6876	1
129	CENT	0,21102	1,4382	-0,0227	27,9048	0,6450	1
130	CENT	0,33966	1,0384	-0,0265	29,1340	0,4572	1
131	CSAP	0,76934	1,0735	0,0244	28,7650	0,4427	0
132	CSAP	0,75252	1,1287	0,0347	28,8276	0,5232	0
133	CSAP	0,75770	1,0892	0,0122	28,8902	0,4232	0
134	CSAP	0,66710	1,2575	0,0176	29,0758	0,7981	0
135	CSAP	0,70315	1,1591	0,0173	29,2677	0,7981	0
136	ERAA	0,44951	1,7184	0,0697	29,2408	0,5997	0
137	ERAA	0,50758	1,4822	0,0345	27,1400	0,5997	0
138	ERAA	0,44824	1,6856	0,0482	29,2404	0,5997	0
139	ERAA	0,54083	1,3133	0,0353	29,6358	0,5997	0
140	ERAA	0,58230	1,3240	0,0391	29,8141	0,5997	0
141	GLOB	0,68143	1,4148	0,0773	28,0288	0,8969	0
142	GLOB	0,69396	1,3993	0,0498	28,2470	0,8969	0
143	GLOB	5,53651	0,0965	-9,1162	25,5431	0,8969	0
144	GLOB	10,11578	0,1589	-1,5837	25,0354	0,8969	1
145	GLOB	12,24829	0,1314	-0,2412	24,8311	0,8969	1
146	GOLD	0,19582	5,8072	0,0684	25,2948	0,7189	0
147	GOLD	0,15092	9,0361	0,0317	25,2804	0,7189	0
148	GOLD	0,17916	7,2780	-0,0466	25,2570	0,7189	0
149	GOLD	0,44283	0,7141	-0,0533	25,7397	0,9186	1
150	GOLD	0,54324	0,6481	-0,0058	25,9295	0,9186	1
151	HERO	0,30905	1,6288	0,0865	29,6798	0,8345	0
152	HERO	0,34257	1,1776	0,0053	29,7468	0,8345	0
153	HERO	0,35167	1,2104	-0,0179	29,7158	0,8534	0
154	HERO	0,27104	1,4294	0,0161	29,6442	0,8709	0
155	HERO	0,29395	1,2714	-0,0260	29,6275	0,8709	0
156	KOIN	0,73891	1,3385	0,1090	26,5418	0,9129	0
157	KOIN	0,78242	1,2121	0,0504	26,9876	0,9099	0

158	KOIN	0,82023	1,1599	0,0209	27,2584	0,9076	0
159	KOIN	0,82880	1,1603	0,0000	27,2858	0,9076	0
160	KOIN	0,85001	1,1494	-0,0196	27,3350	0,9062	1
161	LPFF	1,26605	0,9010	0,3916	28,7084	0,5265	0
162	LPFF	0,94790	0,8408	0,4164	28,8573	0,3466	0
163	LPFF	0,71559	0,9319	0,4579	28,9892	0,2048	0
164	LPFF	0,61817	1,1490	0,4157	29,2118	0,1763	0
165	LPFF	0,57107	1,1390	0,3514	29,3225	0,1748	0
166	MAPI	0,68906	1,1174	0,0420	22,7785	0,5600	0
167	MAPI	0,69959	1,3436	0,0084	22,8850	0,5600	0
168	MAPI	0,68629	1,7311	0,0032	22,9728	0,5600	0
169	MAPI	0,70014	1,5823	0,0195	23,0920	0,5600	0
170	MAPI	0,62869	1,4894	0,0306	23,1591	0,5149	0
171	MPPA	0,49921	1,3722	0,0676	29,5150	0,8262	0
172	MPPA	0,51115	1,4199	0,0951	29,3936	0,8262	0
173	MPPA	0,55902	1,4109	0,0291	29,4707	0,7632	0
174	MPPA	0,63745	0,9603	0,0057	29,5334	0,7632	0
175	MPPA	1,55931	0,6413	1,7109	29,3224	0,7631	0
176	RALS	0,26524	0,4375	0,0892	29,1077	0,5588	0
177	RALS	0,26242	2,7853	0,0780	29,1472	0,5588	0
178	RALS	0,27128	2,9464	0,0735	29,1516	0,5588	0
179	RALS	0,28182	2,8056	0,0879	29,1672	0,6448	0
180	RALS	0,28569	2,9500	0,0831	29,2186	0,6542	0
181	RANC	0,44231	1,5937	0,0467	27,2915	0,7444	0
182	RANC	0,47988	1,3130	0,0121	27,3846	0,6852	0
183	RANC	0,46236	1,3349	-0,0280	27,3035	0,6802	0
184	RANC	0,40225	1,5939	0,0548	27,3042	0,7419	0
185	RANC	0,42713	1,5996	0,0469	27,4129	0,7504	0
186	SKYB	0,75141	1,2234	-0,0148	27,4790	0,7529	1
187	SKYB	0,59817	1,6332	-0,1219	26,6141	0,9057	1
188	SKYB	1,25042	6,6805	-1,4867	25,4902	0,9057	1
189	SKYB	0,03590	6,5508	1,1197	24,2870	0,9057	1
190	SKYB	0,02464	7,1799	-0,0681	24,2236	0,9057	1
191	SONA	0,41874	3,7393	0,0559	27,5750	0,7968	0
192	SONA	0,39723	3,1957	0,0993	27,7186	0,7967	0
193	SONA	0,37566	3,2188	0,0325	27,7586	0,7967	0
194	SONA	0,43307	2,5143	-0,0141	27,6618	0,7967	0
195	SONA	0,44199	1,6869	0,0474	27,7634	0,7967	0
196	TELE	0,59868	1,4033	0,0853	28,8709	0,6396	0
197	TELE	0,50191	1,8011	0,0607	29,2440	0,8295	0
198	TELE	0,60506	5,0636	0,0520	29,5952	0,8317	0

199	TELE	0,60984	5,9891	0,0571	29,7370	0,7634	0
200	TELE	0,59503	3,8838	0,0478	29,8001	0,7500	0
201	TRIO	0,75382	1,6980	0,0607	29,7403	0,4860	0
202	TRIO	0,73806	2,5869	0,0356	29,8351	0,5355	0
203	TRIO	8,90763	0,0765	-10,8894	27,4146	0,6527	0
204	TRIO	16,83442	0,0545	-1,1743	26,7871	0,7018	1
205	TRIO	14,40866	0,2599	-0,7137	26,3072	0,7018	1

Lampiran 3 : Data Perhitungan *Leverage*

$$\text{DAR} = \frac{\text{total hutang}}{\text{total aktiva}}$$

NO	RETAIL/ WHOLESALE	KODE PERUSAHAAN	TAHUN	TOTAL HUTANG	TOTAL AKTIVA	LEVERAGE
1	WHOLESALE	AIMS	2013	479932729	24648959652	0,019471
2	WHOLESALE	AIMS	2014	1001383501	23182051100	0,043197
3	WHOLESALE	AIMS	2015	891222334	20936619066	0,042568
4	WHOLESALE	AIMS	2016	396454838	17009196124	0,023308
5	WHOLESALE	AIMS	2017	127732121	15100638538	0,008459
6	WHOLESALE	AKRA	2013	9,26998E+12	1,46331E+13	0,633492
7	WHOLESALE	AKRA	2014	8,83073E+12	1,47919E+13	0,596997
8	WHOLESALE	AKRA	2015	7,91695E+12	1,52031E+13	0,520745
9	WHOLESALE	AKRA	2016	7,75642E+12	1,58307E+13	0,489959
10	WHOLESALE	AKRA	2017	7,79356E+12	1,68232E+13	0,463262
11	WHOLESALE	APII	2013	1,15763E+11	2,99479E+11	0,386548
12	WHOLESALE	APII	2014	2,27471E+11	4,39724E+11	0,517303
13	WHOLESALE	APII	2015	2,01262E+11	4,21873E+11	0,477068
14	WHOLESALE	APII	2016	1,68732E+11	4,07986E+11	0,413573
15	WHOLESALE	APII	2017	1,75789E+11	4,23181E+11	0,415398
16	WHOLESALE	BSMR	2013	3,80876E+11	7,10885E+11	0,535778
17	WHOLESALE	BSMR	2014	2,94519E+11	4,78159E+11	0,615945
18	WHOLESALE	BSMR	2015	3,62515E+11	5,3012E+11	0,683820
19	WHOLESALE	BSMR	2016	3,49624E+11	4,98512E+11	0,701334
20	WHOLESALE	BSMR	2017	3,61767E+11	5,05112E+11	0,716212
21	WHOLESALE	CNKO	2013	2,25927E+12	5,51612E+12	0,409576
22	WHOLESALE	CNKO	2014	2,38195E+12	5,51245E+12	0,432103
23	WHOLESALE	CNKO	2015	3,11007E+12	5,672E+12	0,548319
24	WHOLESALE	CNKO	2016	3,26575E+12	5,17844E+12	0,630644
25	WHOLESALE	CNKO	2017	3,28523E+12	3,70509E+12	0,886680
26	WHOLESALE	DSSA	2013	335695386	1200930080	0,279530
27	WHOLESALE	DSSA	2014	464198646	1302498243	0,356391
28	WHOLESALE	DSSA	2015	247511612	369667295	0,669552
29	WHOLESALE	DSSA	2016	112751314	377670000	0,298545
30	WHOLESALE	DSSA	2017	298251273	590469384	0,505109
31	WHOLESALE	EMPT	2013	2,48922E+12	5,52807E+12	0,450287
32	WHOLESALE	EMPT	2014	2,64074E+12	6,19062E+12	0,426571

33	WHOLESALE	EMPT	2015	2,67769E+12	6,74794E+12	0,396816
34	WHOLESALE	EMPT	2016	2,46729E+12	7,08727E+12	0,348130
35	WHOLESALE	EMPT	2017	2,29503E+12	7,4258E+12	0,309062
36	WHOLESALE	FISH	2013	216369957	262138516	0,825403
37	WHOLESALE	FISH	2014	149127705	201235904	0,741059
38	WHOLESALE	FISH	2015	244938636	308020212	0,795203
39	WHOLESALE	FISH	2016	176135788	258981225	0,680110
40	WHOLESALE	FISH	2017	237395044	338381006	0,701561
41	WHOLESALE	HEXA	2013	185995157	403582136	0,460861
42	WHOLESALE	HEXA	2014	149230185	378361241	0,394412
43	WHOLESALE	HEXA	2015	52889051	281604983	0,187813
44	WHOLESALE	HEXA	2016	96971918	239279159	0,405267
45	WHOLESALE	HEXA	2017	133047144	283350512	0,469550
46	WHOLESALE	INTD	2013	29834827063	53413143441	0,558567
47	WHOLESALE	INTD	2014	23779826241	50956633269	0,466668
48	WHOLESALE	INTD	2015	16316576257	47676255943	0,342237
49	WHOLESALE	INTD	2016	12581397973	46760927085	0,269058
50	WHOLESALE	INTD	2017	13516620591	49746327705	0,271711
51	WHOLESALE	ITTG	2013	1947836920	93717544468	0,020784
52	WHOLESALE	ITTG	2014	4191058719	96361046789	0,043493
53	WHOLESALE	ITTG	2015	4414044237	1,04063E+11	0,042417
54	WHOLESALE	ITTG	2016	4193797985	98640419542	0,042516
55	WHOLESALE	ITTG	2017	5048639604	91324912060	0,055282
56	WHOLESALE	JKON	2013	1,80074E+12	3,41701E+12	0,526993
57	WHOLESALE	JKON	2014	2,08136E+12	3,84476E+12	0,541351
58	WHOLESALE	JKON	2015	1,83211E+12	3,77596E+12	0,485205
59	WHOLESALE	JKON	2016	1799503533	4202515316	0,428197
60	WHOLESALE	JKON	2017	1,80664E+12	4,00739E+12	0,450826
61	WHOLESALE	KOBX	2013	81322545	120622187	0,674192
62	WHOLESALE	KOBX	2014	83707074	123458832	0,678016
63	WHOLESALE	KOBX	2015	65576604	99243365	0,660766
64	WHOLESALE	KOBX	2016	58047488	85848621	0,676161
65	WHOLESALE	KOBX	2017	59983424	89107941	0,673155
66	WHOLESALE	KONI	2013	82803327050	1,07742E+11	0,768536
67	WHOLESALE	KONI	2014	92010064933	1,18363E+11	0,777355
68	WHOLESALE	KONI	2015	1,02006E+11	1,27957E+11	0,797188
69	WHOLESALE	KONI	2016	1,01813E+11	1,19437E+11	0,852437
70	WHOLESALE	KONI	2017	1,01402E+11	1,19313E+11	0,849878
71	WHOLESALE	LTLS	2013	3,14184E+12	4,53204E+12	0,693251
72	WHOLESALE	LTLS	2014	3,11106E+12	4,66857E+12	0,666383
73	WHOLESALE	LTLS	2015	3773710	5393330	0,699699

74	WHOLESALE	LTLS	2016	3979344	5658360	0,703268
75	WHOLESALE	LTLS	2017	3898250	5769332	0,675685
76	WHOLESALE	MDRN	2013	8,55576E+11	1,88731E+12	0,453332
77	WHOLESALE	MDRN	2014	1,03444E+12	2,38155E+12	0,434353
78	WHOLESALE	MDRN	2015	1,20532E+12	2,48934E+12	0,484192
79	WHOLESALE	MDRN	2016	1,33712E+12	1,98242E+12	0,674488
80	WHOLESALE	MDRN	2017	1,28417E+12	8,73578E+11	1,470010
81	WHOLESALE	MICE	2013	1,33336E+11	6,28738E+11	0,212069
82	WHOLESALE	MICE	2014	1,32689E+11	6,64178E+11	0,199779
83	WHOLESALE	MICE	2015	1,7755E+11	7,61522E+11	0,233151
84	WHOLESALE	MICE	2016	2,47799E+11	8,48612E+11	0,292005
85	WHOLESALE	MICE	2017	2,558E+11	8,63182E+11	0,296345
86	WHOLESALE	OKAS	2013	184710201	228831255	0,807190
87	WHOLESALE	OKAS	2014	204805690	241856146	0,846808
88	WHOLESALE	OKAS	2015	167296224	187376310	0,892836
89	WHOLESALE	OKAS	2016	156800994	167847509	0,934187
90	WHOLESALE	OKAS	2017	167630733	187707521	0,893042
91	WHOLESALE	SDPC	2013	3,56805E+11	4,71677E+11	0,756460
92	WHOLESALE	SDPC	2014	4,08203E+11	5,29992E+11	0,770206
93	WHOLESALE	SDPC	2015	4,98903E+11	6,33217E+11	0,787885
94	WHOLESALE	SDPC	2016	5,90167E+11	7,33443E+11	0,804653
95	WHOLESALE	SDPC	2017	7,25391E+11	9,38005E+11	0,773333
96	WHOLESALE	TGKA	2013	1,83101E+12	2,472E+12	0,740699
97	WHOLESALE	TGKA	2014	1,73918E+12	2,47158E+12	0,703670
98	WHOLESALE	TGKA	2015	1,80339E+12	2,6463E+12	0,681475
99	WHOLESALE	TGKA	2016	1,7421E+12	2,68603E+12	0,648578
100	WHOLESALE	TGKA	2017	1,07762E+12	2,92496E+12	0,368421
101	WHOLESALE	TIRA	2013	143738382	234205363	0,613728
102	WHOLESALE	TIRA	2014	133487773	226356616	0,589723
103	WHOLESALE	TIRA	2015	134709457	216779431	0,621413
104	WHOLESALE	TIRA	2016	1,65325E+11	3,29674E+11	0,501480
105	WHOLESALE	TIRA	2017	1,83392E+11	3,41749E+11	0,536629
106	WHOLESALE	WAPO	2013	81581000000	9253000000	0,881671
107	WHOLESALE	WAPO	2014	93735435765	1,09001E+11	0,859948
108	WHOLESALE	WAPO	2015	92119253769	1,07571E+11	0,856355
109	WHOLESALE	WAPO	2016	1,00342E+11	1,05895E+11	0,947561
110	WHOLESALE	WAPO	2017	48096061668	1,23821E+11	0,388433
111	WHOLESALE	WICO	2013	84579899639	1,69324E+11	0,499514
112	WHOLESALE	WICO	2014	80757002779	2,04951E+11	0,394030
113	WHOLESALE	WICO	2015	89743625419	2,17983E+11	0,411701
114	WHOLESALE	WICO	2016	1,00073E+11	2,29057E+11	0,436890

115	WHOLESALE	WICO	2017	1,14431E+11	4,11064E+11	0,278378
116	RETAIL	ACES	2013	5,6342E+11	2,47892E+12	0,227285
117	RETAIL	ACES	2014	5,852E+11	2,94735E+12	0,198551
118	RETAIL	ACES	2015	6,38724E+11	3,26755E+12	0,195475
119	RETAIL	ACES	2016	6,82374E+11	3,7311E+12	0,182888
120	RETAIL	ACES	2017	9,18419E+11	4,42884E+12	0,207372
121	RETAIL	AMRT	2013	8358500	10962227	0,762482
122	RETAIL	AMRT	2014	10986018	13992568	0,785132
123	RETAIL	AMRT	2015	10345671	15195887	0,680820
124	RETAIL	AMRT	2016	14179604	19474367	0,728116
125	RETAIL	AMRT	2017	16651570	21901740	0,760285
126	RETAIL	CENT	2013	1,00446E+11	8,32481E+11	0,120658
127	RETAIL	CENT	2014	2,38604E+11	9,27142E+11	0,257354
128	RETAIL	CENT	2015	2,15417E+11	1,29301E+12	0,166601
129	RETAIL	CENT	2016	2,77474E+11	1,31493E+12	0,211018
130	RETAIL	CENT	2017	1,52672E+12	4,49484E+12	0,339661
131	RETAIL	CSAP	2013	2391021202	3107895429	0,769338
132	RETAIL	CSAP	2014	2490039824	3308917601	0,752524
133	RETAIL	CSAP	2015	2669054	3522573	0,757700
134	RETAIL	CSAP	2016	2829046007	4240820320	0,667099
135	RETAIL	CSAP	2017	3612982306	5138259285	0,703153
136	RETAIL	ERAA	2013	2,24829E+12	5,00163E+12	0,449511
137	RETAIL	ERAA	2014	3,10652E+11	6,12031E+11	0,507576
138	RETAIL	ERAA	2015	224115	499986	0,448243
139	RETAIL	ERAA	2016	401544	742460	0,540829
140	RETAIL	ERAA	2017	5,16722E+12	8,87388E+12	0,582296
141	RETAIL	GLOB	2013	1,01433E+12	1,48853E+12	0,681429
142	RETAIL	GLOB	2014	1,28489E+12	1,85153E+12	0,693958
143	RETAIL	GLOB	2015	6,86222E+11	1,23945E+11	5,536508
144	RETAIL	GLOB	2016	7,5463E+11	74599266089	10,115777
145	RETAIL	GLOB	2017	7,44844E+11	60812090345	12,248290
146	RETAIL	GOLD	2013	18934930728	96693297826	0,195825
147	RETAIL	GOLD	2014	14384276347	95309143541	0,150922
148	RETAIL	GOLD	2015	16680971831	93105994331	0,179161
149	RETAIL	GOLD	2016	66814054814	1,50879E+11	0,442831
150	RETAIL	GOLD	2017	99093766313	1,82413E+11	0,543239
151	RETAIL	HERO	2013	2397734	7758303	0,309054
152	RETAIL	HERO	2014	2841822	8295642	0,342568
153	RETAIL	HERO	2015	2828419	8042797	0,351671
154	RETAIL	HERO	2016	2029250	7487033	0,271035
155	RETAIL	HERO	2017	2164401	7363144	0,293951

156	RETAIL	KOIN	2013	2,48633E+11	3,36488E+11	0,738906
157	RETAIL	KOIN	2014	4,11153E+11	5,25488E+11	0,782420
158	RETAIL	KOIN	2015	5,65086E+11	6,88937E+11	0,820229
159	RETAIL	KOIN	2016	5,86844E+11	7,08069E+11	0,828795
160	RETAIL	KOIN	2017	6,32225E+11	7,43789E+11	0,850005
161	RETAIL	LPFF	2013	3718254	2936882	1,266055
162	RETAIL	LPFF	2014	3230782	3408372	0,947896
163	RETAIL	LPFF	2015	2783124	3889291	0,715586
164	RETAIL	LPFF	2016	3003635	4858878	0,618175
165	RETAIL	LPFF	2017	3099441	5427426	0,571070
166	RETAIL	MAPI	2013	5380415664	7808299570	0,689064
167	RETAIL	MAPI	2014	6076735948	8686174538	0,699587
168	RETAIL	MAPI	2015	6508024000	9482934568	0,686288
169	RETAIL	MAPI	2016	7479927515	10683437788	0,700142
170	RETAIL	MAPI	2017	7182975931	11425390076	0,628685
171	RETAIL	MPPA	2013	3284548	6579518	0,499208
172	RETAIL	MPPA	2014	2978608	5827294	0,511148
173	RETAIL	MPPA	2015	3518616	6294210	0,559024
174	RETAIL	MPPA	2016	4272002	6701734	0,637447
175	RETAIL	MPPA	2017	3876194	2485833	1,559314
176	RETAIL	RALS	2013	1161385	4378556	0,265244
177	RETAIL	RALS	2014	1195220	4554667	0,262417
178	RETAIL	RALS	2015	1241100	4574904	0,271284
179	RETAIL	RALS	2016	1309610	4647009	0,281818
180	RETAIL	RALS	2017	1397577	4891922	0,285691
181	RETAIL	RANC	2013	3,14962E+11	7,12079E+11	0,442314
182	RETAIL	RANC	2014	3,75079E+11	7,81616E+11	0,479876
183	RETAIL	RANC	2015	3,33238E+11	7,20739E+11	0,462356
184	RETAIL	RANC	2016	2,9012E+11	7,21238E+11	0,402253
185	RETAIL	RANC	2017	3,43418E+11	8,0402E+11	0,427126
186	RETAIL	SKYB	2013	6,45454E+11	8,58995E+11	0,751406
187	RETAIL	SKYB	2014	2,16352E+11	3,6169E+11	0,598170
188	RETAIL	SKYB	2015	1,46995E+11	1,17556E+11	1,250420
189	RETAIL	SKYB	2016	1266899358	35293559809	0,035896
190	RETAIL	SKYB	2017	816401078	33127001121	0,024645
191	RETAIL	SONA	2013	3,95913E+11	9,45482E+11	0,418743
192	RETAIL	SONA	2014	4,33605E+11	1,09157E+12	0,397229
193	RETAIL	SONA	2015	4,26771E+11	1,13605E+12	0,375664
194	RETAIL	SONA	2016	4,46585E+11	1,03121E+12	0,433068
195	RETAIL	SONA	2017	5,04553E+11	1,14155E+12	0,441989
196	RETAIL	TELE	2013	2068627	3455339	0,598676

197	RETAIL	TELE	2014	2518373	5017544	0,501913
198	RETAIL	TELE	2015	4313276	7128717	0,605056
199	RETAIL	TELE	2016	5010118	8215481	0,609839
200	RETAIL	TELE	2017	5206421	8749797	0,595033
201	RETAIL	TRIO	2013	6,21342E+12	8,24259E+12	0,753819
202	RETAIL	TRIO	2014	6,68826E+12	9,062E+12	0,738055
203	RETAIL	TRIO	2015	7,17381E+12	8,05356E+11	8,907629
204	RETAIL	TRIO	2016	7,23934E+12	4,30032E+11	16,834420
205	RETAIL	TRIO	2017	3,83443E+12	2,6612E+11	14,408656

Lampiran 4 : Data Perhitungan Likuiditas

$$CR = \frac{\text{aktiva lancar}}{\text{hutang lancar}}$$

NO	RETAIL/ WHOLESALE	KODE PERUSAHAAN	TAHUN	AKTIVA LANCAR	HUTANG LANCAR	LIKUIDITAS
1	WHOLESALE	AIMS	2013	24627072175	479130729	51,39948
2	WHOLESALE	AIMS	2014	22607777327	313056416	72,21630
3	WHOLESALE	AIMS	2015	19669709900	500163334	39,32657
4	WHOLESALE	AIMS	2016	17009196124	361919588	46,99717
5	WHOLESALE	AIMS	2017	15100638538	127732121	118,22115
6	WHOLESALE	AKRA	2013	7,72331E+12	6,59329E+12	1,17139
7	WHOLESALE	AKRA	2014	6,71975E+12	6,18376E+12	1,08668
8	WHOLESALE	AKRA	2015	7,2856E+12	4,8714E+12	1,49559
9	WHOLESALE	AKRA	2016	7,39138E+12	5,81571E+12	1,27093
10	WHOLESALE	AKRA	2017	8,81635E+12	5,42949E+12	1,62379
11	WHOLESALE	APII	2013	2,08089E+11	74159675347	2,80596
12	WHOLESALE	APII	2014	2,83999E+11	2,0613E+11	1,37777
13	WHOLESALE	APII	2015	2,57135E+11	1,77093E+11	1,45198
14	WHOLESALE	APII	2016	2,33516E+11	1,54451E+11	1,51191
15	WHOLESALE	APII	2017	2,44356E+11	1,62612E+11	1,50270
16	WHOLESALE	BSMR	2013	4,45272E+11	3,70559E+11	1,20162
17	WHOLESALE	BSMR	2014	4,35094E+11	2,91029E+11	1,49502
18	WHOLESALE	BSMR	2015	4,86763E+11	3,01914E+11	1,61226
19	WHOLESALE	BSMR	2016	4,58253E+11	3,36909E+11	1,36017
20	WHOLESALE	BSMR	2017	4,45485E+11	3,2369E+11	1,37627
21	WHOLESALE	CNKO	2013	4,05342E+12	1,79999E+12	2,25192
22	WHOLESALE	CNKO	2014	2,59216E+12	2,01548E+12	1,28613
23	WHOLESALE	CNKO	2015	2,85867E+12	2,47007E+12	1,15732
24	WHOLESALE	CNKO	2016	2,71688E+12	2,64487E+12	1,02723
25	WHOLESALE	CNKO	2017	1,92369E+12	2,405E+12	0,79987
26	WHOLESALE	DSSA	2013	411123743	199118663	2,06472
27	WHOLESALE	DSSA	2014	282248459	148407679	1,90185
28	WHOLESALE	DSSA	2015	195737111	70048270	2,79432
29	WHOLESALE	DSSA	2016	203411699	53894292	3,77427
30	WHOLESALE	DSSA	2017	414782753	246554242	1,68232
31	WHOLESALE	EMPT	2013	4,56309E+12	2,43348E+12	1,87513
32	WHOLESALE	EMPT	2014	5,11699E+12	2,58181E+12	1,98194

33	WHOLESALE	EMPT	2015	5,62127E+12	2,58608E+12	2,17367
34	WHOLESALE	EMPT	2016	5,93872E+12	2,36122E+12	2,51510
35	WHOLESALE	EMPT	2017	6,11921E+12	2,18478E+12	2,80083
36	WHOLESALE	FISH	2013	253876588	206919087	1,22694
37	WHOLESALE	FISH	2014	174395763	146675924	1,18899
38	WHOLESALE	FISH	2015	253257022	221060493	1,14565
39	WHOLESALE	FISH	2016	193621230	138746700	1,39550
40	WHOLESALE	FISH	2017	261532164	207391707	1,26105
41	WHOLESALE	HEXA	2013	347929303	179826842	1,93480
42	WHOLESALE	HEXA	2014	326764342	142448475	2,29391
43	WHOLESALE	HEXA	2015	230738541	43199872	5,34119
44	WHOLESALE	HEXA	2016	190267668	87196752	2,18205
45	WHOLESALE	HEXA	2017	238267222	123157890	1,93465
46	WHOLESALE	INTD	2013	45014053036	16456158739	2,73539
47	WHOLESALE	INTD	2014	42300630077	10895201166	3,88250
48	WHOLESALE	INTD	2015	39788870868	4114441745	9,67054
49	WHOLESALE	INTD	2016	39239681157	926725760	42,34228
50	WHOLESALE	INTD	2017	42889578252	2624381969	16,34273
51	WHOLESALE	ITTG	2013	90935961213	1736112736	52,37906
52	WHOLESALE	ITTG	2014	94122265607	3476759506	27,07184
53	WHOLESALE	ITTG	2015	97429703077	3704656875	26,29925
54	WHOLESALE	ITTG	2016	66264837969	3766938375	17,59117
55	WHOLESALE	ITTG	2017	57415046038	3642467994	15,76268
56	WHOLESALE	JKON	2013	2,75042E+12	1,71472E+12	1,60401
57	WHOLESALE	JKON	2014	2,89603E+12	1,86234E+12	1,55505
58	WHOLESALE	JKON	2015	2,79626E+12	1,56094E+12	1,79140
59	WHOLESALE	JKON	2016	2413163524	1416455539	1,70366
60	WHOLESALE	JKON	2017	2,49615E+12	1,47448E+12	1,69290
61	WHOLESALE	KOBX	2013	95338506	69822263	1,36545
62	WHOLESALE	KOBX	2014	100108731	74786492	1,33859
63	WHOLESALE	KOBX	2015	77854373	60037186	1,29677
64	WHOLESALE	KOBX	2016	63090853	39525028	1,59623
65	WHOLESALE	KOBX	2017	65688513	46140137	1,42367
66	WHOLESALE	KONI	2013	77489848543	69869359496	1,10907
67	WHOLESALE	KONI	2014	81070478257	78249274038	1,03605
68	WHOLESALE	KONI	2015	88219607996	91084765959	0,96854
69	WHOLESALE	KONI	2016	79014150804	85261617389	0,92673
70	WHOLESALE	KONI	2017	78926410656	84300942980	0,93625
71	WHOLESALE	LTLS	2013	2,40002E+12	2,10596E+12	1,13963
72	WHOLESALE	LTLS	2014	2,50391E+12	2,0852E+12	1,20080
73	WHOLESALE	LTLS	2015	2649202	2727244	0,97138

74	WHOLESALE	LTLS	2016	2633477	2676623	0,98388
75	WHOLESALE	LTLS	2017	2577729	2638368	0,97702
76	WHOLESALE	MDRN	2013	7,47395E+11	4,5877E+11	1,62913
77	WHOLESALE	MDRN	2014	8,26451E+11	5,74256E+11	1,43917
78	WHOLESALE	MDRN	2015	6,95432E+11	9,42435E+11	0,73791
79	WHOLESALE	MDRN	2016	3,36661E+11	1,0321E+12	0,32619
80	WHOLESALE	MDRN	2017	1,91254E+11	1,26179E+12	0,15157
81	WHOLESALE	MICE	2013	3,47086E+11	1,00106E+11	3,46720
82	WHOLESALE	MICE	2014	3,85272E+11	1,03341E+11	3,72814
83	WHOLESALE	MICE	2015	4,08584E+11	1,38413E+11	2,95191
84	WHOLESALE	MICE	2016	4,68605E+11	1,96255E+11	2,38773
85	WHOLESALE	MICE	2017	4,70225E+11	2,13075E+11	2,20685
86	WHOLESALE	OKAS	2013	102656729	123009606	0,83454
87	WHOLESALE	OKAS	2014	94623138	142278897	0,66505
88	WHOLESALE	OKAS	2015	56959783	153600373	0,37083
89	WHOLESALE	OKAS	2016	44286816	119300563	0,37122
90	WHOLESALE	OKAS	2017	51050433	124723183	0,40931
91	WHOLESALE	SDPC	2013	4,51139E+11	3,40303E+11	1,32570
92	WHOLESALE	SDPC	2014	5,04808E+11	3,87958E+11	1,30119
93	WHOLESALE	SDPC	2015	6,07928E+11	4,77435E+11	1,27332
94	WHOLESALE	SDPC	2016	7,03654E+11	5,68067E+11	1,23868
95	WHOLESALE	SDPC	2017	8,41829E+11	6,99571E+11	1,20335
96	WHOLESALE	TGKA	2013	2,26223E+12	1,56576E+12	1,44481
97	WHOLESALE	TGKA	2014	2,27684E+12	1,46576E+12	1,55335
98	WHOLESALE	TGKA	2015	2,42075E+12	1,51505E+12	1,59781
99	WHOLESALE	TGKA	2016	2,48945E+12	1,44655E+12	1,72096
100	WHOLESALE	TGKA	2017	2,73646E+12	1,84735E+12	1,48129
101	WHOLESALE	TIRA	2013	156745164	130510832	1,20101
102	WHOLESALE	TIRA	2014	157094902	122816171	1,27911
103	WHOLESALE	TIRA	2015	139919116	107503866	1,30153
104	WHOLESALE	TIRA	2016	1,63385E+11	1,21238E+11	1,34764
105	WHOLESALE	TIRA	2017	1,79795E+11	1,33161E+11	1,35021
106	WHOLESALE	WAPO	2013	5893000000	12046000000	0,48921
107	WHOLESALE	WAPO	2014	32735514912	23758753161	1,37783
108	WHOLESALE	WAPO	2015	34686598982	21801319792	1,59103
109	WHOLESALE	WAPO	2016	46796076801	99230929742	0,47159
110	WHOLESALE	WAPO	2017	67590236500	46499828466	1,45356
111	WHOLESALE	WICO	2013	1,16951E+11	71818290158	1,62842
112	WHOLESALE	WICO	2014	1,3633E+11	67122022377	2,03107
113	WHOLESALE	WICO	2015	1,40468E+11	75494246657	1,86064
114	WHOLESALE	WICO	2016	1,4803E+11	80869970736	1,83047

115	WHOLESALE	WICO	2017	3,6171E+11	82369918242	4,39129
116	RETAIL	ACES	2013	1,74719E+12	4,39275E+11	3,97743
117	RETAIL	ACES	2014	2,17108E+12	4,2663E+11	5,08892
118	RETAIL	ACES	2015	2,46739E+12	4,12289E+11	5,98463
119	RETAIL	ACES	2016	2,82207E+12	3,88653E+11	7,26115
120	RETAIL	ACES	2017	3,35827E+12	4,78209E+11	7,02261
121	RETAIL	AMRT	2013	5727070	6978407	0,82068
122	RETAIL	AMRT	2014	7805421	8534521	0,91457
123	RETAIL	AMRT	2015	7738527	7023633	1,10178
124	RETAIL	AMRT	2016	10232917	11420080	0,89605
125	RETAIL	AMRT	2017	11544190	13055903	0,88421
126	RETAIL	CENT	2013	1,16223E+11	71453395500	1,62655
127	RETAIL	CENT	2014	90511915955	1,68957E+11	0,53571
128	RETAIL	CENT	2015	3,99602E+11	85515656270	4,67285
129	RETAIL	CENT	2016	2,14293E+11	1,49006E+11	1,43815
130	RETAIL	CENT	2017	7,65449E+11	7,37171E+11	1,03836
131	RETAIL	CSAP	2013	2265880925	2110833501	1,07345
132	RETAIL	CSAP	2014	2541776452	2252049932	1,12865
133	RETAIL	CSAP	2015	2554325	2345213	1,08917
134	RETAIL	CSAP	2016	3134576683	2492613396	1,25755
135	RETAIL	CSAP	2017	3662499520	3159792330	1,15910
136	RETAIL	ERAA	2013	3,77777E+12	2,19849E+12	1,71835
137	RETAIL	ERAA	2014	4,31861E+11	2,9136E+11	1,48222
138	RETAIL	ERAA	2015	377777	224115	1,68564
139	RETAIL	ERAA	2016	516822	393522	1,31332
140	RETAIL	ERAA	2017	6,68462E+12	5,04872E+12	1,32402
141	RETAIL	GLOB	2013	1,42211E+12	1,00519E+12	1,41477
142	RETAIL	GLOB	2014	1,78288E+12	1,27413E+12	1,39929
143	RETAIL	GLOB	2015	65803392628	6,81942E+11	0,09649
144	RETAIL	GLOB	2016	40903659907	2,57404E+11	0,15891
145	RETAIL	GLOB	2017	32500867639	2,47283E+11	0,13143
146	RETAIL	GOLD	2013	78380254568	13497036111	5,80722
147	RETAIL	GOLD	2014	78937812913	8735835892	9,03609
148	RETAIL	GOLD	2015	78360594277	10766729572	7,27803
149	RETAIL	GOLD	2016	46879861891	65647358350	0,71412
150	RETAIL	GOLD	2017	46427131751	71632995613	0,64812
151	RETAIL	HERO	2013	3655004	2243937	1,62884
152	RETAIL	HERO	2014	3283248	2788133	1,17758
153	RETAIL	HERO	2015	3156943	2608222	1,21038
154	RETAIL	HERO	2016	2817240	1970941	1,42939
155	RETAIL	HERO	2017	2544725	2001461	1,27143

156	RETAIL	KOIN	2013	3,22178E+11	2,40705E+11	1,33847
157	RETAIL	KOIN	2014	4,8673E+11	4,01564E+11	1,21209
158	RETAIL	KOIN	2015	6,31285E+11	5,44281E+11	1,15985
159	RETAIL	KOIN	2016	6,52907E+11	5,62686E+11	1,16034
160	RETAIL	KOIN	2017	7,00601E+11	6,09522E+11	1,14943
161	RETAIL	LPIFF	2013	1703067	1890181	0,90101
162	RETAIL	LPIFF	2014	2117507	2518521	0,84077
163	RETAIL	LPIFF	2015	2272941	2439014	0,93191
164	RETAIL	LPIFF	2016	2974052	2588354	1,14901
165	RETAIL	LPIFF	2017	2973749	2610824	1,13901
166	RETAIL	MAPI	2013	4463687750	3994794004	1,11738
167	RETAIL	MAPI	2014	5162035640	3841835096	1,34364
168	RETAIL	MAPI	2015	5696202259	3290535116	1,73109
169	RETAIL	MAPI	2016	6616255899	4181304246	1,58234
170	RETAIL	MAPI	2017	6798522370	4564694686	1,48937
171	RETAIL	MPPA	2013	4167989	3037430	1,37221
172	RETAIL	MPPA	2014	3904064	2749630	1,41985
173	RETAIL	MPPA	2015	3971189	2814709	1,41087
174	RETAIL	MPPA	2016	4102458	4272002	0,96031
175	RETAIL	MPPA	2017	2485833	3876194	0,64131
176	RETAIL	RALS	2013	2374584	5427059	0,43755
177	RETAIL	RALS	2014	2694944	967544	2,78535
178	RETAIL	RALS	2015	2831172	960890	2,94641
179	RETAIL	RALS	2016	2830815	1008981	2,80562
180	RETAIL	RALS	2017	3093496	1048640	2,95001
181	RETAIL	RANC	2013	4,44187E+11	2,78711E+11	1,59372
182	RETAIL	RANC	2014	4,07259E+11	3,1018E+11	1,31297
183	RETAIL	RANC	2015	3,94817E+11	2,95768E+11	1,33489
184	RETAIL	RANC	2016	4,05494E+11	2,54396E+11	1,59395
185	RETAIL	RANC	2017	4,83422E+11	3,02214E+11	1,59960
186	RETAIL	SKYB	2013	7,60883E+11	6,21957E+11	1,22337
187	RETAIL	SKYB	2014	3,46465E+11	2,12138E+11	1,63320
188	RETAIL	SKYB	2015	7056784665	1056324542	6,68051
189	RETAIL	SKYB	2016	6264887443	956361674	6,55075
190	RETAIL	SKYB	2017	3632044446	505863394	7,17989
191	RETAIL	SONA	2013	6,44288E+11	1,72303E+11	3,73926
192	RETAIL	SONA	2014	7,25556E+11	2,27038E+11	3,19575
193	RETAIL	SONA	2015	7,68616E+11	2,38787E+11	3,21883
194	RETAIL	SONA	2016	7,26322E+11	2,88874E+11	2,51432
195	RETAIL	SONA	2017	6,28526E+11	3,72598E+11	1,68687
196	RETAIL	TELE	2013	2836009	2020951	1,40330

197	RETAIL	TELE	2014	4440877	2465590	1,80114
198	RETAIL	TELE	2015	6364111	1256834	5,06361
199	RETAIL	TELE	2016	7472601	1247690	5,98915
200	RETAIL	TELE	2017	8034490	2068709	3,88382
201	RETAIL	TRIO	2013	8,03738E+12	4,73332E+12	1,69804
202	RETAIL	TRIO	2014	8,44075E+12	3,26286E+12	2,58692
203	RETAIL	TRIO	2015	2,85815E+11	3,73509E+12	0,07652
204	RETAIL	TRIO	2016	2,28937E+11	4,20406E+12	0,05446
205	RETAIL	TRIO	2017	1,74278E+11	6,70487E+11	0,25993

Lampiran 5 : Data Perhitungan Profitabilitas

$$ROA = \frac{\text{laba bersih}}{\text{total aktiva}}$$

NO	RETAIL/ WHOLESALE	KODE PERUSAHAAN	TAHUN	LABA BERSIH	TOTAL AKTIVA	PROFITABILITAS
1	WHOLESALE	AIMS	2013	1839218508	24648959652	0,074616476
2	WHOLESALE	AIMS	2014	-1988359324	23182051100	-0,085771501
3	WHOLESALE	AIMS	2015	-2165639867	20936619066	-0,103437898
4	WHOLESALE	AIMS	2016	-3478303196	17009196124	-0,204495449
5	WHOLESALE	AIMS	2017	-1613818119	15100638538	-0,106870853
6	WHOLESALE	AKRA	2013	6,15627E+11	1,46331E+13	0,042070712
7	WHOLESALE	AKRA	2014	7,90563E+11	1,47919E+13	0,053445616
8	WHOLESALE	AKRA	2015	1,05874E+12	1,52031E+13	0,069639676
9	WHOLESALE	AKRA	2016	1,04685E+12	1,58307E+13	0,066127802
10	WHOLESALE	AKRA	2017	1,3046E+12	1,68232E+13	0,077547664
11	WHOLESALE	APII	2013	24199872068	2,99479E+11	0,080806689
12	WHOLESALE	APII	2014	31956766696	4,39724E+11	0,072674630
13	WHOLESALE	APII	2015	16531392774	4,21873E+11	0,039185733
14	WHOLESALE	APII	2016	15871882915	4,07986E+11	0,052068717
15	WHOLESALE	APII	2017	13921992681	4,23181E+11	0,032898411
16	WHOLESALE	BSMR	2013	-27921017107	7,10885E+11	-0,039276405
17	WHOLESALE	BSMR	2014	-1,62825E+11	4,78159E+11	-0,339821084
18	WHOLESALE	BSMR	2015	-6810321484	5,3012E+11	-0,029825455
19	WHOLESALE	BSMR	2016	-19569224683	4,98512E+11	-0,037569814
20	WHOLESALE	BSMR	2017	-3097905406	5,05112E+11	-0,006133109
21	WHOLESALE	CNKO	2013	1,03574E+11	5,51612E+12	0,018776634
22	WHOLESALE	CNKO	2014	-1,10032E+11	5,51245E+12	-0,019960710
23	WHOLESALE	CNKO	2015	-5,39821E+11	5,672E+12	-0,09517292
24	WHOLESALE	CNKO	2016	-6,29235E+11	5,17844E+12	-0,121510571
25	WHOLESALE	CNKO	2017	-1,97938E+12	3,70509E+12	-0,534231407
26	WHOLESALE	DSSA	2013	-10162405	1200930080	-0,008462112
27	WHOLESALE	DSSA	2014	8870881	1302498243	0,006310643
28	WHOLESALE	DSSA	2015	-5239631	369667295	-0,01417391
29	WHOLESALE	DSSA	2016	33788253	377670000	0,089465017
30	WHOLESALE	DSSA	2017	119117078	590469384	0,201732861
31	WHOLESALE	EMPT	2013	4,64372E+11	5,52807E+12	0,084002586
32	WHOLESALE	EMPT	2014	5,1103E+11	6,19062E+12	0,082549193

33	WHOLESALE	EMPT	2015	5,47174E+11	6,74794E+12	0,08108758
34	WHOLESALE	EMPT	2016	5,56121E+11	7,08727E+12	0,07846755
35	WHOLESALE	EMPT	2017	5,17836E+11	7,4258E+12	0,069734729
36	WHOLESALE	FISH	2013	12037734	262138516	0,045921272
37	WHOLESALE	FISH	2014	7119808	201235904	0,035380406
38	WHOLESALE	FISH	2015	10052177	308020212	0,032634797
39	WHOLESALE	FISH	2016	20716198	258981225	0,079991119
40	WHOLESALE	FISH	2017	15969486	338381006	0,047193801
41	WHOLESALE	HEXA	2013	30034852	403582136	0,074420668
42	WHOLESALE	HEXA	2014	26023033	378361241	0,068778274
43	WHOLESALE	HEXA	2015	10067698	281604983	0,035751136
44	WHOLESALE	HEXA	2016	23577025	239279159	0,09853355
45	WHOLESALE	HEXA	2017	22549481	283350512	0,079581578
46	WHOLESALE	INTD	2013	4300057860	53413143441	0,080505613
47	WHOLESALE	INTD	2014	3598490650	50956633269	0,070618689
48	WHOLESALE	INTD	2015	2518557847	47676255943	0,052826251
49	WHOLESALE	INTD	2016	1226300267	46760927085	0,026224892
50	WHOLESALE	INTD	2017	1680588246	49746327705	0,033783162
51	WHOLESALE	ITTG	2013	1524418487	93717544468	0,016266095
52	WHOLESALE	ITTG	2014	400280522	96361046789	0,004153966
53	WHOLESALE	ITTG	2015	7478602474	1,04063E+11	0,071866357
54	WHOLESALE	ITTG	2016	-5201968987	98640419542	-0,052736688
55	WHOLESALE	ITTG	2017	-7907436601	91324912060	-0,086585757
56	WHOLESALE	JKON	2013	2,10967E+11	3,41701E+12	0,061740198
57	WHOLESALE	JKON	2014	2,2049E+11	3,84476E+12	0,057348128
58	WHOLESALE	JKON	2015	2,36635E+11	3,77596E+12	0,062668868
59	WHOLESALE	JKON	2016	309948018	4202515316	0,073752978
60	WHOLESALE	JKON	2017	3,3166E+11	4,00739E+12	0,0827622
61	WHOLESALE	KOBX	2013	504411	120622187	0,004181743
62	WHOLESALE	KOBX	2014	52255	123458832	0,000423258
63	WHOLESALE	KOBX	2015	-6267764	99243365	-0,063155497
64	WHOLESALE	KOBX	2016	-5850021	85848621	-0,068143448
65	WHOLESALE	KOBX	2017	1535696	89107941	0,017234109
66	WHOLESALE	KONI	2013	-3844871381	1,07742E+11	-0,03568604
67	WHOLESALE	KONI	2014	1414588081	1,18363E+11	0,011951276
68	WHOLESALE	KONI	2015	-3855076931	1,27957E+11	-0,030127889
69	WHOLESALE	KONI	2016	-7133227767	1,19437E+11	-0,059723646
70	WHOLESALE	KONI	2017	-864095877	1,19313E+11	-0,007242243
71	WHOLESALE	LTLS	2013	2,78397E+11	4,53204E+12	0,061428696
72	WHOLESALE	LTLS	2014	4,17597E+11	4,66857E+12	0,089448513
73	WHOLESALE	LTLS	2015	34032	5393330	0,006310016

74	WHOLESALE	LTLS	2016	115337	5658360	0,020383468
75	WHOLESALE	LTLS	2017	366351	5769332	0,063499726
76	WHOLESALE	MDRN	2013	50145687551	1,88731E+12	0,026569949
77	WHOLESALE	MDRN	2014	39621247528	2,38155E+12	0,016636724
78	WHOLESALE	MDRN	2015	-63027760375	2,48934E+12	-0,025319038
79	WHOLESALE	MDRN	2016	-6,39578E+11	1,98242E+12	-0,322624155
80	WHOLESALE	MDRN	2017	-1,06247E+12	8,73578E+11	-1,216225107
81	WHOLESALE	MICE	2013	45841190810	6,28738E+11	0,072909827
82	WHOLESALE	MICE	2014	42053518321	6,64178E+11	0,06331662
83	WHOLESALE	MICE	2015	26291340939	7,61522E+11	0,034524737
84	WHOLESALE	MICE	2016	24239568815	8,48612E+11	0,028563779
85	WHOLESALE	MICE	2017	66623111353	8,63182E+11	0,077183117
86	WHOLESALE	OKAS	2013	-1855102	228831255	-0,008106856
87	WHOLESALE	OKAS	2014	-7366409	241856146	-0,030457812
88	WHOLESALE	OKAS	2015	-17606878	187376310	-0,093965336
89	WHOLESALE	OKAS	2016	-8521643	167847509	-0,050770149
90	WHOLESALE	OKAS	2017	10005989	187707521	0,053306276
91	WHOLESALE	SDPC	2013	10247289473	4,71677E+11	0,021725204
92	WHOLESALE	SDPC	2014	7318537007	5,29992E+11	0,013808777
93	WHOLESALE	SDPC	2015	11907197455	6,33217E+11	0,018804282
94	WHOLESALE	SDPC	2016	11105831822	7,33443E+11	0,015142042
95	WHOLESALE	SDPC	2017	14180345525	9,38005E+11	0,015117554
96	WHOLESALE	TGKA	2013	1,33864E+11	2,472E+12	0,054152124
97	WHOLESALE	TGKA	2014	1,65209E+11	2,47158E+12	0,066843374
98	WHOLESALE	TGKA	2015	2,04736E+11	2,6463E+12	0,077366688
99	WHOLESALE	TGKA	2016	2,10672E+11	2,68603E+12	0,078432366
100	WHOLESALE	TGKA	2017	2,50865E+11	2,92496E+12	0,085767021
101	WHOLESALE	TIRA	2013	-12717792	234205363	-0,054301882
102	WHOLESALE	TIRA	2014	2401863	226356616	0,010610969
103	WHOLESALE	TIRA	2015	1180820	216779431	0,005447104
104	WHOLESALE	TIRA	2016	1111674690	3,29674E+11	0,003372045
105	WHOLESALE	TIRA	2017	-10764777724	3,41749E+11	-0,031499051
106	WHOLESALE	WAPO	2013	-26849000000	92530000000	-0,290165352
107	WHOLESALE	WAPO	2014	224799175	1,09001E+11	0,002062353
108	WHOLESALE	WAPO	2015	267453363	1,07571E+11	0,002486288
109	WHOLESALE	WAPO	2016	-9969664115	1,05895E+11	-0,094147005
110	WHOLESALE	WAPO	2017	777398273	1,23821E+11	0,006278415
111	WHOLESALE	WICO	2013	-4826555834	1,69324E+11	-0,028504781
112	WHOLESALE	WICO	2014	39449966960	2,04951E+11	0,192484403
113	WHOLESALE	WICO	2015	2813610955	2,17983E+11	0,012907492
114	WHOLESALE	WICO	2016	3289390789	2,29057E+11	0,014360601

115	WHOLESALE	WICO	2017	1,68953E+11	4,11064E+11	0,411013522
116	RETAIL	ACES	2013	5,03004E+11	2,47892E+12	0,202912771
117	RETAIL	ACES	2014	5,48893E+11	2,94735E+12	0,186232722
118	RETAIL	ACES	2015	5,84873E+11	3,26755E+12	0,178994513
119	RETAIL	ACES	2016	7,0615E+11	3,7311E+12	0,189260477
120	RETAIL	ACES	2017	7,80687E+11	4,42884E+12	0,176273407
121	RETAIL	AMRT	2013	569042	10962227	0,051909343
122	RETAIL	AMRT	2014	572318	13992568	0,04090157
123	RETAIL	AMRT	2015	464204	15195887	0,030548003
124	RETAIL	AMRT	2016	553835	19474367	0,028439179
125	RETAIL	AMRT	2017	257735	21901740	0,011767786
126	RETAIL	CENT	2013	-31386107369	8,32481E+11	-0,037701901
127	RETAIL	CENT	2014	-24067875381	9,27142E+11	-0,025959211
128	RETAIL	CENT	2015	-53392239973	1,29301E+12	-0,041292898
129	RETAIL	CENT	2016	-29810785133	1,31493E+12	-0,022671013
130	RETAIL	CENT	2017	-1,19047E+11	4,49484E+12	-0,026485288
131	RETAIL	CSAP	2013	75880191	3107895429	0,024415297
132	RETAIL	CSAP	2014	114689405	3308917601	0,034660701
133	RETAIL	CSAP	2015	43022	3522573	0,012213232
134	RETAIL	CSAP	2016	74636924	4240820320	0,017599643
135	RETAIL	CSAP	2017	89022191	5138259285	0,01732536
136	RETAIL	ERAA	2013	3,48615E+11	5,00163E+12	0,069700116
137	RETAIL	ERAA	2014	21127000000	6,12031E+11	0,034519493
138	RETAIL	ERAA	2015	24086	499986	0,048173349
139	RETAIL	ERAA	2016	26172	742460	0,035250384
140	RETAIL	ERAA	2017	3,4715E+11	8,87388E+12	0,039120403
141	RETAIL	GLOB	2013	1,15042E+11	1,48853E+12	0,077285657
142	RETAIL	GLOB	2014	92127360416	1,85153E+12	0,049757296
143	RETAIL	GLOB	2015	-1,12991E+12	1,23945E+11	-9,116207359
144	RETAIL	GLOB	2016	-1,18146E+11	74599266089	-1,583738561
145	RETAIL	GLOB	2017	-14669996785	60812090345	-0,241234871
146	RETAIL	GOLD	2013	6617805183	96693297826	0,068441198
147	RETAIL	GOLD	2014	3020027596	95309143541	0,031686651
148	RETAIL	GOLD	2015	-4337631474	93105994331	-0,046588101
149	RETAIL	GOLD	2016	-8047150660	1,50879E+11	-0,053334976
150	RETAIL	GOLD	2017	-1057304076	1,82413E+11	-0,005796214
151	RETAIL	HERO	2013	671138	7758303	0,086505773
152	RETAIL	HERO	2014	43755	8295642	0,005274456
153	RETAIL	HERO	2015	-144078	8042797	-0,017913917
154	RETAIL	HERO	2016	120588	7487033	0,016106247
155	RETAIL	HERO	2017	-191406	7363144	-0,025995146

156	RETAIL	KOIN	2013	36682541552	3,36488E+11	0,109015781
157	RETAIL	KOIN	2014	26480721120	5,25488E+11	0,050392589
158	RETAIL	KOIN	2015	14408465567	6,88937E+11	0,020914067
159	RETAIL	KOIN	2016	-6699824	7,08069E+11	-9,4621E-06
160	RETAIL	KOIN	2017	-14597991710	7,43789E+11	-0,019626513
161	RETAIL	LPPF	2013	1150160	2936882	0,391626221
162	RETAIL	LPPF	2014	1419118	3408372	0,416362416
163	RETAIL	LPPF	2015	1780848	3889291	0,457884998
164	RETAIL	LPPF	2016	2019705	4858878	0,415673125
165	RETAIL	LPPF	2017	1907077	5427426	0,351377799
166	RETAIL	MAPI	2013	327792717	7808299570	0,041980039
167	RETAIL	MAPI	2014	73262562	8686174538	0,008434388
168	RETAIL	MAPI	2015	30095070	9482934568	0,003173603
169	RETAIL	MAPI	2016	208475635	10683437788	0,019513909
170	RETAIL	MAPI	2017	350081265	11425390076	0,03064064
171	RETAIL	MPPA	2013	444905	6579518	0,067619695
172	RETAIL	MPPA	2014	554017	5827294	0,095072773
173	RETAIL	MPPA	2015	182999	6294210	0,029074181
174	RETAIL	MPPA	2016	38483	6701734	0,005742245
175	RETAIL	MPPA	2017	4252888	2485833	1,710850246
176	RETAIL	RALS	2013	390535	4378556	0,089192647
177	RETAIL	RALS	2014	355075	4554667	0,077958498
178	RETAIL	RALS	2015	336054	4574904	0,073455968
179	RETAIL	RALS	2016	408479	4647009	0,087901487
180	RETAIL	RALS	2017	406580	4891922	0,083112527
181	RETAIL	RANC	2013	33270537888	7,12079E+11	0,046723096
182	RETAIL	RANC	2014	9419731624	7,81616E+11	0,012051605
183	RETAIL	RANC	2015	-20208026210	7,20739E+11	-0,028037926
184	RETAIL	RANC	2016	39554411845	7,21238E+11	0,054842386
185	RETAIL	RANC	2017	37685584998	8,0402E+11	0,046871433
186	RETAIL	SKYB	2013	-12754954043	8,58995E+11	-0,014848688
187	RETAIL	SKYB	2014	-44084344314	3,6169E+11	-0,121884242
188	RETAIL	SKYB	2015	-1,74776E+11	1,17556E+11	-1,486747168
189	RETAIL	SKYB	2016	39516936252	35293559809	1,119664224
190	RETAIL	SKYB	2017	-2256872950	33127001121	-0,068127898
191	RETAIL	SONA	2013	52869709136	9,45482E+11	0,055918274
192	RETAIL	SONA	2014	1,08401E+11	1,09157E+12	0,099306794
193	RETAIL	SONA	2015	36904287825	1,13605E+12	0,032484877
194	RETAIL	SONA	2016	-14579698506	1,03121E+12	-0,01413839
195	RETAIL	SONA	2017	54071193194	1,14155E+12	0,047366426
196	RETAIL	TELE	2013	294906	3455339	0,085347921

197	RETAIL	TELE	2014	304768	5017544	0,060740474
198	RETAIL	TELE	2015	370649	7128717	0,051993788
199	RETAIL	TELE	2016	468878	8215481	0,057072495
200	RETAIL	TELE	2017	418162	8749797	0,047791052
201	RETAIL	TRIO	2013	4,99952E+11	8,24259E+12	0,06065474
202	RETAIL	TRIO	2014	3,22562E+11	9,062E+12	0,035595051
203	RETAIL	TRIO	2015	-8,76981E+12	8,05356E+11	-10,88936359
204	RETAIL	TRIO	2016	-5,04992E+11	4,30032E+11	-1,174312131
205	RETAIL	TRIO	2017	-1,8994E+11	2,6612E+11	-0,713739059

Lampiran 6 :Data Perhitungan Ukuran Perusahaan

Size = (Ln total aset)

NO	RETAIL/WHOLESALE	KODE PERUSAHAAN	TAHUN	ASSET TOTAL	LN (TOTAL AKTIVA)
1	WHOLESALE	AIMS	2013	24648959652	23,92800053
2	WHOLESALE	AIMS	2014	23182051100	23,86664416
3	WHOLESALE	AIMS	2015	20936619066	23,76476557
4	WHOLESALE	AIMS	2016	17009196124	23,55701998
5	WHOLESALE	AIMS	2017	15100638538	23,43800287
6	WHOLESALE	AKRA	2013	1,46331E+13	30,31431003
7	WHOLESALE	AKRA	2014	1,47919E+13	30,32510201
8	WHOLESALE	AKRA	2015	1,52031E+13	30,35252241
9	WHOLESALE	AKRA	2016	1,58307E+13	30,39297478
10	WHOLESALE	AKRA	2017	1,68232E+13	30,45378051
11	WHOLESALE	APII	2013	2,99479E+11	26,42530872
12	WHOLESALE	APII	2014	4,39724E+11	26,80941271
13	WHOLESALE	APII	2015	4,21873E+11	26,76796956
14	WHOLESALE	APII	2016	4,07986E+11	26,73449820
15	WHOLESALE	APII	2017	4,23181E+11	26,77106655
16	WHOLESALE	BSMR	2013	7,10885E+11	27,28977688
17	WHOLESALE	BSMR	2014	4,78159E+11	26,89320853
18	WHOLESALE	BSMR	2015	5,30132E+11	26,99639214
19	WHOLESALE	BSMR	2016	4,98512E+11	26,93489333
20	WHOLESALE	BSMR	2017	5,05112E+11	26,94804550
21	WHOLESALE	CNKO	2013	5,51612E+12	29,33869625
22	WHOLESALE	CNKO	2014	2,59216E+12	28,58351244
23	WHOLESALE	CNKO	2015	5,672E+12	29,36656334
24	WHOLESALE	CNKO	2016	5,17844E+12	29,27552482
25	WHOLESALE	CNKO	2017	3,70509E+12	28,94072906
26	WHOLESALE	DSSA	2013	1,20093E+13	30,11670253
27	WHOLESALE	DSSA	2014	1,43275E+13	30,29320053
28	WHOLESALE	DSSA	2015	4,04836E+12	29,0293338
29	WHOLESALE	DSSA	2016	5,24621E+12	29,28852778
30	WHOLESALE	DSSA	2017	5,90469E+11	27,10418362
31	WHOLESALE	EMPT	2013	5,52807E+12	29,34085945
32	WHOLESALE	EMPT	2014	6,19062E+12	29,45405597

33	WHOLESALE	EMPT	2015	6,74794E+12	29,54025788
34	WHOLESALE	EMPT	2016	7,08727E+12	29,58932131
35	WHOLESALE	EMPT	2017	7,4258E+12	29,63598157
36	WHOLESALE	FISH	2013	2,62139E+12	28,59472398
37	WHOLESALE	FISH	2014	2,01236E+12	28,3303288
38	WHOLESALE	FISH	2015	3,0802E+12	28,75601633
39	WHOLESALE	FISH	2016	2,58981E+12	28,5826065
40	WHOLESALE	FISH	2017	3,38381E+12	28,85002343
41	WHOLESALE	HEXA	2013	4,03582E+12	29,02623096
42	WHOLESALE	HEXA	2014	3,78361E+12	28,96170033
43	WHOLESALE	HEXA	2015	2,81605E+12	28,66635625
44	WHOLESALE	HEXA	2016	2,39279E+12	28,50348183
45	WHOLESALE	HEXA	2017	2,83351E+12	28,67253562
46	WHOLESALE	INTD	2013	53413143441	24,70132268
47	WHOLESALE	INTD	2014	50956633269	24,65424078
48	WHOLESALE	INTD	2015	47676255943	24,58769933
49	WHOLESALE	INTD	2016	46760927085	24,5683138
50	WHOLESALE	INTD	2017	49746327705	24,63020248
51	WHOLESALE	ITTG	2013	93717544468	25,26355125
52	WHOLESALE	ITTG	2014	96361046789	25,29136788
53	WHOLESALE	ITTG	2015	1,04063E+11	25,36825881
54	WHOLESALE	ITTG	2016	98640419542	25,31474695
55	WHOLESALE	ITTG	2017	91324912060	25,23768945
56	WHOLESALE	JKON	2013	3,41701E+12	28,85978767
57	WHOLESALE	JKON	2014	3,84476E+12	28,97773147
58	WHOLESALE	JKON	2015	3,77596E+12	28,95967512
59	WHOLESALE	JKON	2016	4,20252E+12	29,06670435
60	WHOLESALE	JKON	2017	4,00739E+12	29,01916059
61	WHOLESALE	KOBX	2013	1,20622E+12	27,81851417
62	WHOLESALE	KOBX	2014	1,23459E+12	27,84175869
63	WHOLESALE	KOBX	2015	9,92434E+11	27,623426
64	WHOLESALE	KOBX	2016	8,58486E+11	27,47843645
65	WHOLESALE	KOBX	2017	8,91079E+11	27,51569939
66	WHOLESALE	KONI	2013	1,07742E+11	25,40300168
67	WHOLESALE	KONI	2014	1,18363E+11	25,49702146
68	WHOLESALE	KONI	2015	1,27957E+11	25,57496078
69	WHOLESALE	KONI	2016	1,19437E+11	25,50605692
70	WHOLESALE	KONI	2017	1,19313E+11	25,50501858
71	WHOLESALE	LTLS	2013	4,53204E+12	29,14219218
72	WHOLESALE	LTLS	2014	4,66857E+12	29,17187479
73	WHOLESALE	LTLS	2015	5,39333E+12	29,31618412

74	WHOLESALE	LTLS	2016	5,65836E+12	29,36415521
75	WHOLESALE	LTLS	2017	5,76933E+12	29,38357742
76	WHOLESALE	MDRN	2013	1,88731E+12	28,26617281
77	WHOLESALE	MDRN	2014	2,38155E+12	28,49877411
78	WHOLESALE	MDRN	2015	2,48934E+12	28,54303978
79	WHOLESALE	MDRN	2016	1,98242E+12	28,31534103
80	WHOLESALE	MDRN	2017	8,73578E+11	27,49586305
81	WHOLESALE	MICE	2013	6,28738E+11	27,16698074
82	WHOLESALE	MICE	2014	6,64178E+11	27,22181632
83	WHOLESALE	MICE	2015	7,61522E+11	27,35858468
84	WHOLESALE	MICE	2016	8,48612E+11	27,46686805
85	WHOLESALE	MICE	2017	8,63182E+11	27,48389191
86	WHOLESALE	OKAS	2013	2,50593E+12	28,54968147
87	WHOLESALE	OKAS	2014	2,99587E+12	28,72825648
88	WHOLESALE	OKAS	2015	2,60284E+12	28,58762593
89	WHOLESALE	OKAS	2016	2,31747E+12	28,47149743
90	WHOLESALE	OKAS	2017	2,60613E+12	28,58888795
91	WHOLESALE	SDPC	2013	4,71677E+11	26,87956129
92	WHOLESALE	SDPC	2014	5,29992E+11	26,99612719
93	WHOLESALE	SDPC	2015	6,33217E+11	27,17407954
94	WHOLESALE	SDPC	2016	7,33443E+11	27,32101637
95	WHOLESALE	SDPC	2017	9,38005E+11	27,56702139
96	WHOLESALE	TGKA	2013	2,472E+12	28,53604788
97	WHOLESALE	TGKA	2014	2,47158E+12	28,53588034
98	WHOLESALE	TGKA	2015	2,6463E+12	28,60418423
99	WHOLESALE	TGKA	2016	2,68603E+12	28,61908551
100	WHOLESALE	TGKA	2017	2,92496E+12	28,70430294
101	WHOLESALE	TIRA	2013	2,34205E+11	26,17946419
102	WHOLESALE	TIRA	2014	2,26357E+11	26,14537754
103	WHOLESALE	TIRA	2015	2,16779E+11	26,10214623
104	WHOLESALE	TIRA	2016	3,29674E+11	26,52136931
105	WHOLESALE	TIRA	2017	3,41749E+11	26,55734318
106	WHOLESALE	WAPO	2013	9253000000	25,25079875
107	WHOLESALE	WAPO	2014	1,09001E+11	25,41462578
108	WHOLESALE	WAPO	2015	1,07571E+11	25,40142004
109	WHOLESALE	WAPO	2016	1,05895E+11	25,38571057
110	WHOLESALE	WAPO	2017	1,23821E+11	25,54210108
111	WHOLESALE	WICO	2013	1,69324E+11	25,85508241
112	WHOLESALE	WICO	2014	2,04951E+11	26,0460392
113	WHOLESALE	WICO	2015	2,17983E+11	26,10768188
114	WHOLESALE	WICO	2016	2,29057E+11	26,15723507

115	WHOLESALE	WICO	2017	4,11064E+11	26,74201445
116	RETAIL	ACES	2013	2,47892E+12	28,53884353
117	RETAIL	ACES	2014	2,94735E+12	28,71192712
118	RETAIL	ACES	2015	3,26755E+12	28,81506148
119	RETAIL	ACES	2016	3,7311E+12	28,94772466
120	RETAIL	ACES	2017	4,42884E+12	29,11915894
121	RETAIL	AMRT	2013	1,09622E+13	30,02547657
122	RETAIL	AMRT	2014	1,39926E+13	30,26954745
123	RETAIL	AMRT	2015	1,51959E+13	30,35204592
124	RETAIL	AMRT	2016	1,94744E+13	30,6001202
125	RETAIL	AMRT	2017	2,19017E+13	30,7175872
126	RETAIL	CENT	2013	8,32481E+11	27,44767596
127	RETAIL	CENT	2014	9,27142E+11	27,55537259
128	RETAIL	CENT	2015	1,29301E+12	27,88799601
129	RETAIL	CENT	2016	1,31493E+12	27,90480421
130	RETAIL	CENT	2017	4,49484E+12	29,13395008
131	RETAIL	CSAP	2013	3,1079E+12	28,7649669
132	RETAIL	CSAP	2014	3,30892E+12	28,82764224
133	RETAIL	CSAP	2015	3,52257E+12	28,8902128
134	RETAIL	CSAP	2016	4,24082E+12	29,07577784
135	RETAIL	CSAP	2017	5,13826E+12	29,26773548
136	RETAIL	ERAA	2013	5,00163E+12	29,24078592
137	RETAIL	ERAA	2014	6,12031E+11	27,14004877
138	RETAIL	ERAA	2015	4,99986E+12	29,24043103
139	RETAIL	ERAA	2016	7,4246E+12	29,63581993
140	RETAIL	ERAA	2017	8,87388E+12	29,81413274
141	RETAIL	GLOB	2013	1,48853E+12	28,02881148
142	RETAIL	GLOB	2014	1,85153E+12	28,24703599
143	RETAIL	GLOB	2015	1,23945E+11	25,54310299
144	RETAIL	GLOB	2016	74599266089	25,03539651
145	RETAIL	GLOB	2017	60812090345	24,83105446
146	RETAIL	GOLD	2013	96693297826	25,29480993
147	RETAIL	GOLD	2014	95309143541	25,28039159
148	RETAIL	GOLD	2015	93105994331	25,25700441
149	RETAIL	GOLD	2016	1,50879E+11	25,73974686
150	RETAIL	GOLD	2017	1,82413E+11	25,92953847
151	RETAIL	HERO	2013	7,7583E+12	29,67978474
152	RETAIL	HERO	2014	8,29564E+12	29,74675143
153	RETAIL	HERO	2015	8,0428E+12	29,71579802
154	RETAIL	HERO	2016	7,48703E+12	29,64419371
155	RETAIL	HERO	2017	7,36314E+12	29,62750813

156	RETAIL	KOIN	2013	3,36488E+11	26,5418294
157	RETAIL	KOIN	2014	5,25488E+11	26,98759397
158	RETAIL	KOIN	2015	6,88937E+11	27,25841506
159	RETAIL	KOIN	2016	7,08069E+11	27,28580768
160	RETAIL	KOIN	2017	7,43789E+11	27,33502372
161	RETAIL	LPIFF	2013	2,93688E+12	28,70836959
162	RETAIL	LPIFF	2014	3,40837E+12	28,85725587
163	RETAIL	LPIFF	2015	3,88929E+12	28,98924799
164	RETAIL	LPIFF	2016	4,85888E+12	29,21182866
165	RETAIL	LPIFF	2017	5,42743E+12	29,3224861
166	RETAIL	MAPI	2013	7808299570	22,77845305
167	RETAIL	MAPI	2014	8686174538	22,88499847
168	RETAIL	MAPI	2015	9482934568	22,97275966
169	RETAIL	MAPI	2016	10683437788	23,09196051
170	RETAIL	MAPI	2017	11425390076	23,15910392
171	RETAIL	MPPA	2013	6,57952E+12	29,51498261
172	RETAIL	MPPA	2014	5,82729E+12	29,39357386
173	RETAIL	MPPA	2015	6,29421E+12	29,47065128
174	RETAIL	MPPA	2016	6,70173E+12	29,53338741
175	RETAIL	MPPA	2017	5,42706E+12	29,32241848
176	RETAIL	RALS	2013	4,37856E+12	29,10774011
177	RETAIL	RALS	2014	4,55467E+12	29,14717354
178	RETAIL	RALS	2015	4,5749E+12	29,15160683
179	RETAIL	RALS	2016	4,64701E+12	29,1672449
180	RETAIL	RALS	2017	4,89192E+12	29,21860639
181	RETAIL	RANC	2013	7,12079E+11	27,29145478
182	RETAIL	RANC	2014	7,81616E+11	27,3846299
183	RETAIL	RANC	2015	7,20739E+11	27,30354287
184	RETAIL	RANC	2016	7,21238E+11	27,30423499
185	RETAIL	RANC	2017	8,0402E+11	27,41289039
186	RETAIL	SKYB	2013	8,58995E+11	27,47902938
187	RETAIL	SKYB	2014	3,6169E+11	26,61405408
188	RETAIL	SKYB	2015	1,17556E+11	25,49018244
189	RETAIL	SKYB	2016	35293559809	24,28696634
190	RETAIL	SKYB	2017	33127001121	24,22361453
191	RETAIL	SONA	2013	9,45482E+11	27,57496044
192	RETAIL	SONA	2014	1,09157E+12	27,71864192
193	RETAIL	SONA	2015	1,13605E+12	27,75857421
194	RETAIL	SONA	2016	1,03121E+12	27,66175736
195	RETAIL	SONA	2017	1,14155E+12	27,76340903
196	RETAIL	TELE	2013	3,45534E+12	28,87094169

197	RETAIL	TELE	2014	5,01754E+12	29,24396169
198	RETAIL	TELE	2015	7,12872E+12	29,59515239
199	RETAIL	TELE	2016	8,21548E+12	29,73704142
200	RETAIL	TELE	2017	8,74980E+12	29,80005162
201	RETAIL	TRIO	2013	8,24259E+12	29,74033557
202	RETAIL	TRIO	2014	9,062E+12	29,83511125
203	RETAIL	TRIO	2015	8,05356E+11	27,41455009
204	RETAIL	TRIO	2016	4,30032E+11	26,78712589
205	RETAIL	TRIO	2017	2,66120E+11	26,30721295

Lampiran 7 : Data Kepemilikan Institusional

$$K.INS = \frac{\text{Saham institusional}}{\text{Seluruh saham beredar}}$$

NO	RETAIL/ WHOLESALE	KODE PERUSAHAAN	TAHUN	KEPEMILIKAN INSTITUSIONAL
1	WHOLESALE	AIMS	2013	0,8432
2	WHOLESALE	AIMS	2014	0,8432
3	WHOLESALE	AIMS	2015	0,8432
4	WHOLESALE	AIMS	2016	0,7705
5	WHOLESALE	AIMS	2017	0,7705
6	WHOLESALE	AKRA	2013	0,5918
7	WHOLESALE	AKRA	2014	0,5878
8	WHOLESALE	AKRA	2015	0,5917
9	WHOLESALE	AKRA	2016	0,5858
10	WHOLESALE	AKRA	2017	0,5847
11	WHOLESALE	APII	2013	0,7193
12	WHOLESALE	APII	2014	0,7194
13	WHOLESALE	APII	2015	0,7194
14	WHOLESALE	APII	2016	0,7194
15	WHOLESALE	APII	2017	0,7194
16	WHOLESALE	BSMR	2013	0,8577
17	WHOLESALE	BSMR	2014	0,8755
18	WHOLESALE	BSMR	2015	0,8755
19	WHOLESALE	BSMR	2016	0,8755
20	WHOLESALE	BSMR	2017	0,8755
21	WHOLESALE	CNKO	2013	0,5969
22	WHOLESALE	CNKO	2014	0,6135
23	WHOLESALE	CNKO	2015	0,4500
24	WHOLESALE	CNKO	2016	0,2110
25	WHOLESALE	CNKO	2017	0,2110
26	WHOLESALE	DSSA	2013	0,5990
27	WHOLESALE	DSSA	2014	0,5990
28	WHOLESALE	DSSA	2015	0,5990
29	WHOLESALE	DSSA	2016	0,5990
30	WHOLESALE	DSSA	2017	0,5990
31	WHOLESALE	EMPT	2013	0,9175
32	WHOLESALE	EMPT	2014	0,9170

33	WHOLESALE	EMPT	2015	0,9175
34	WHOLESALE	EMPT	2016	0,9180
35	WHOLESALE	EMPT	2017	0,9180
36	WHOLESALE	FISH	2013	0,8334
37	WHOLESALE	FISH	2014	0,8334
38	WHOLESALE	FISH	2015	0,8334
39	WHOLESALE	FISH	2016	0,8948
40	WHOLESALE	FISH	2017	0,8948
41	WHOLESALE	HEXA	2013	0,7872
42	WHOLESALE	HEXA	2014	0,7872
43	WHOLESALE	HEXA	2015	0,7364
44	WHOLESALE	HEXA	2016	0,7364
45	WHOLESALE	HEXA	2017	0,7364
46	WHOLESALE	INTD	2013	0,8302
47	WHOLESALE	INTD	2014	0,8302
48	WHOLESALE	INTD	2015	0,8302
49	WHOLESALE	INTD	2016	0,7618
50	WHOLESALE	INTD	2017	0,7751
51	WHOLESALE	ITTG	2013	0,7806
52	WHOLESALE	ITTG	2014	0,7545
53	WHOLESALE	ITTG	2015	0,7545
54	WHOLESALE	ITTG	2016	0,7545
55	WHOLESALE	ITTG	2017	0,7545
56	WHOLESALE	JKON	2013	0,7057
57	WHOLESALE	JKON	2014	0,7057
58	WHOLESALE	JKON	2015	0,6617
59	WHOLESALE	JKON	2016	0,6089
60	WHOLESALE	JKON	2017	0,6089
61	WHOLESALE	KOBX	2013	0,8800
62	WHOLESALE	KOBX	2014	0,8930
63	WHOLESALE	KOBX	2015	0,8930
64	WHOLESALE	KOBX	2016	0,8407
65	WHOLESALE	KOBX	2017	0,8930
66	WHOLESALE	KONI	2013	0,7237
67	WHOLESALE	KONI	2014	0,7237
68	WHOLESALE	KONI	2015	0,7237
69	WHOLESALE	KONI	2016	0,7237
70	WHOLESALE	KONI	2017	0,7237
71	WHOLESALE	LTLS	2013	0,5503
72	WHOLESALE	LTLS	2014	0,5605
73	WHOLESALE	LTLS	2015	0,5605

74	WHOLESALE	LTLS	2016	0,5605
75	WHOLESALE	LTLS	2017	0,5344
76	WHOLESALE	MDRN	2013	0,4433
77	WHOLESALE	MDRN	2014	0,5053
78	WHOLESALE	MDRN	2015	0,4718
79	WHOLESALE	MDRN	2016	0,5560
80	WHOLESALE	MDRN	2017	0,6487
81	WHOLESALE	MICE	2013	0,6043
82	WHOLESALE	MICE	2014	0,4481
83	WHOLESALE	MICE	2015	0,4481
84	WHOLESALE	MICE	2016	0,4481
85	WHOLESALE	MICE	2017	0,4481
86	WHOLESALE	OKAS	2013	0,8722
87	WHOLESALE	OKAS	2014	0,8722
88	WHOLESALE	OKAS	2015	0,8722
89	WHOLESALE	OKAS	2016	0,8722
90	WHOLESALE	OKAS	2017	0,7427
91	WHOLESALE	SDPC	2013	0,8474
92	WHOLESALE	SDPC	2014	0,8800
93	WHOLESALE	SDPC	2015	0,8800
94	WHOLESALE	SDPC	2016	0,8800
95	WHOLESALE	SDPC	2017	0,9229
96	WHOLESALE	TGKA	2013	0,9787
97	WHOLESALE	TGKA	2014	0,9787
98	WHOLESALE	TGKA	2015	0,9787
99	WHOLESALE	TGKA	2016	0,9787
100	WHOLESALE	TGKA	2017	0,9712
101	WHOLESALE	TIRA	2013	0,9478
102	WHOLESALE	TIRA	2014	0,9478
103	WHOLESALE	TIRA	2015	0,9478
104	WHOLESALE	TIRA	2016	0,8995
105	WHOLESALE	TIRA	2017	0,8995
106	WHOLESALE	WAPO	2013	0,5962
107	WHOLESALE	WAPO	2014	0,5962
108	WHOLESALE	WAPO	2015	0,5962
109	WHOLESALE	WAPO	2016	0,5962
110	WHOLESALE	WAPO	2017	0,5962
111	WHOLESALE	WICO	2013	0,8759
112	WHOLESALE	WICO	2014	0,8759
113	WHOLESALE	WICO	2015	0,8759
114	WHOLESALE	WICO	2016	0,8759

115	WHOLESALE	WICO	2017	0,6000
116	RETAIL	ACES	2013	0,5997
117	RETAIL	ACES	2014	0,5997
118	RETAIL	ACES	2015	0,5997
119	RETAIL	ACES	2016	0,5997
120	RETAIL	ACES	2017	0,5997
121	RETAIL	AMRT	2013	0,5996
122	RETAIL	AMRT	2014	0,5281
123	RETAIL	AMRT	2015	0,5281
124	RETAIL	AMRT	2016	0,5254
125	RETAIL	AMRT	2017	0,5254
126	RETAIL	CENT	2013	0,5113
127	RETAIL	CENT	2014	0,5877
128	RETAIL	CENT	2015	0,6876
129	RETAIL	CENT	2016	0,6450
130	RETAIL	CENT	2017	0,4572
131	RETAIL	CSAP	2013	0,4427
132	RETAIL	CSAP	2014	0,5232
133	RETAIL	CSAP	2015	0,4232
134	RETAIL	CSAP	2016	0,7981
135	RETAIL	CSAP	2017	0,7981
136	RETAIL	ERAA	2013	0,5997
137	RETAIL	ERAA	2014	0,5997
138	RETAIL	ERAA	2015	0,5997
139	RETAIL	ERAA	2016	0,5997
140	RETAIL	ERAA	2017	0,5997
141	RETAIL	GLOB	2013	0,8969
142	RETAIL	GLOB	2014	0,8969
143	RETAIL	GLOB	2015	0,8969
144	RETAIL	GLOB	2016	0,8969
145	RETAIL	GLOB	2017	0,8969
146	RETAIL	GOLD	2013	0,7189
147	RETAIL	GOLD	2014	0,7189
148	RETAIL	GOLD	2015	0,7189
149	RETAIL	GOLD	2016	0,9186
150	RETAIL	GOLD	2017	0,9186
151	RETAIL	HERO	2013	0,8345
152	RETAIL	HERO	2014	0,8345
153	RETAIL	HERO	2015	0,8534
154	RETAIL	HERO	2016	0,8709
155	RETAIL	HERO	2017	0,8709

156	RETAIL	KOIN	2013	0,9129
157	RETAIL	KOIN	2014	0,9099
158	RETAIL	KOIN	2015	0,9076
159	RETAIL	KOIN	2016	0,9076
160	RETAIL	KOIN	2017	0,9062
161	RETAIL	LPFF	2013	0,5265
162	RETAIL	LPFF	2014	0,3466
163	RETAIL	LPFF	2015	0,2048
164	RETAIL	LPFF	2016	0,1763
165	RETAIL	LPFF	2017	0,1748
166	RETAIL	MAPI	2013	0,5600
167	RETAIL	MAPI	2014	0,5600
168	RETAIL	MAPI	2015	0,5600
169	RETAIL	MAPI	2016	0,5600
170	RETAIL	MAPI	2017	0,5149
171	RETAIL	MPPA	2013	0,8262
172	RETAIL	MPPA	2014	0,8262
173	RETAIL	MPPA	2015	0,7632
174	RETAIL	MPPA	2016	0,7632
175	RETAIL	MPPA	2017	0,7631
176	RETAIL	RALS	2013	0,5588
177	RETAIL	RALS	2014	0,5588
178	RETAIL	RALS	2015	0,5588
179	RETAIL	RALS	2016	0,6448
180	RETAIL	RALS	2017	0,6542
181	RETAIL	RANC	2013	0,7444
182	RETAIL	RANC	2014	0,6852
183	RETAIL	RANC	2015	0,6802
184	RETAIL	RANC	2016	0,7419
185	RETAIL	RANC	2017	0,7504
186	RETAIL	SKYB	2013	0,7529
187	RETAIL	SKYB	2014	0,9057
188	RETAIL	SKYB	2015	0,9057
189	RETAIL	SKYB	2016	0,9057
190	RETAIL	SKYB	2017	0,9057
191	RETAIL	SONA	2013	0,7968
192	RETAIL	SONA	2014	0,7967
193	RETAIL	SONA	2015	0,7967
194	RETAIL	SONA	2016	0,7967
195	RETAIL	SONA	2017	0,7967
196	RETAIL	TELE	2013	0,6396

197	RETAIL	TELE	2014	0,8295
198	RETAIL	TELE	2015	0,8317
199	RETAIL	TELE	2016	0,7634
200	RETAIL	TELE	2017	0,7500
201	RETAIL	TRIO	2013	0,4860
202	RETAIL	TRIO	2014	0,5355
203	RETAIL	TRIO	2015	0,6527
204	RETAIL	TRIO	2016	0,7018
205	RETAIL	TRIO	2017	0,7018

Lampiran 8 : Data Perhitungan Financial Distress

FD = Laba negative 2 tahun (T dan T-1)

NO.	SECTOR	KODE	TAHUN	LABA/Rugi	FINANCIAL DISTRESS
1	WHOLESALE	AIMS	2012	520000000	
2	WHOLESALE	AIMS	2013	1839000000	0
3	WHOLESALE	AIMS	2014	-1988000000	0
4	WHOLESALE	AIMS	2015	-2166000000	1
5	WHOLESALE	AIMS	2016	-3478000000	1
6	WHOLESALE	AIMS	2017	-1640000000	1
7	WHOLESALE	AKRA	2012	7,559E+11	
8	WHOLESALE	AKRA	2013	9,806E+11	0
9	WHOLESALE	AKRA	2014	7,354E+11	0
10	WHOLESALE	AKRA	2015	1,0848E+12	0
11	WHOLESALE	AKRA	2016	9,01E+11	0
12	WHOLESALE	AKRA	2017	1,2345E+12	0
13	WHOLESALE	APII	2012	19622396797	
14	WHOLESALE	APII	2013	24199872067	0
15	WHOLESALE	APII	2014	31956766696	0
16	WHOLESALE	APII	2015	16531392774	0
17	WHOLESALE	APII	2016	21243297168	0
18	WHOLESALE	APII	2017	11366054267	0
19	WHOLESALE	BSMR	2012	-29168000000	
20	WHOLESALE	BSMR	2013	-27921000000	1
21	WHOLESALE	BSMR	2014	-1,6269E+11	1
22	WHOLESALE	BSMR	2015	-6810000000	1
23	WHOLESALE	BSMR	2016	-19569000000	1
24	WHOLESALE	BSMR	2017	-3089000000	1
25	WHOLESALE	CNKO	2012	68231814000	
26	WHOLESALE	CNKO	2013	83073788000	0
27	WHOLESALE	CNKO	2014	-1,53253E+11	0
28	WHOLESALE	CNKO	2015	-5,43356E+11	1
29	WHOLESALE	CNKO	2016	-5,63871E+11	1
30	WHOLESALE	CNKO	2017	-1,57725E+12	1
31	WHOLESALE	DSSA	2012	22950985	
32	WHOLESALE	DSSA	2013	-4589089	0
33	WHOLESALE	DSSA	2014	8870881	0
34	WHOLESALE	DSSA	2015	-5239631	0
35	WHOLESALE	DSSA	2016	33788253	0

36	WHOLESALE	DSSA	2017	119117078	0
37	WHOLESALE	EMPT	2012	5,14834E+11	
38	WHOLESALE	EMPT	2013	4,64372E+11	0
39	WHOLESALE	EMPT	2014	5,1103E+11	0
40	WHOLESALE	EMPT	2015	5,47174E+11	0
41	WHOLESALE	EMPT	2016	5,56121E+11	0
42	WHOLESALE	EMPT	2017	5,17836E+11	0
43	WHOLESALE	FISH	2012	1,10064E+11	
44	WHOLESALE	FISH	2013	1,20377E+11	0
45	WHOLESALE	FISH	2014	71198080000	0
46	WHOLESALE	FISH	2015	1,00522E+11	0
47	WHOLESALE	FISH	2016	2,07162E+11	0
48	WHOLESALE	FISH	2017	1,59695E+11	0
49	WHOLESALE	HEXA	2012	2,19206E+11	
50	WHOLESALE	HEXA	2013	3,00349E+11	0
51	WHOLESALE	HEXA	2014	2,6023E+11	0
52	WHOLESALE	HEXA	2015	1,00677E+11	0
53	WHOLESALE	HEXA	2016	2,3577E+11	0
54	WHOLESALE	HEXA	2017	2,25495E+11	0
55	WHOLESALE	INTD	2012	3885508855	
56	WHOLESALE	INTD	2013	4300057860	0
57	WHOLESALE	INTD	2014	3598490650	0
58	WHOLESALE	INTD	2015	2518557847	0
59	WHOLESALE	INTD	2016	1226300267	0
60	WHOLESALE	INTD	2017	1680588246	0
61	WHOLESALE	ITTG	2012	3730727006	
62	WHOLESALE	ITTG	2013	1524418487	0
63	WHOLESALE	ITTG	2014	400280522	0
64	WHOLESALE	ITTG	2015	7478602474	0
65	WHOLESALE	ITTG	2016	-5201968987	0
66	WHOLESALE	ITTG	2017	-7907436601	1
67	WHOLESALE	JKON	2012	1,85246E+11	
68	WHOLESALE	JKON	2013	2,10967E+11	0
69	WHOLESALE	JKON	2014	2,2049E+11	0
70	WHOLESALE	JKON	2015	2,36635E+11	0
71	WHOLESALE	JKON	2016	309948018	0
72	WHOLESALE	JKON	2017	3,3166E+11	0
73	WHOLESALE	KOBX	2012	22224770000	
74	WHOLESALE	KOBX	2013	5044110000	0
75	WHOLESALE	KOBX	2014	522550000	0
76	WHOLESALE	KOBX	2015	-62677640000	0

77	WHOLESALE	KOBX	2016	-58500210000	1
78	WHOLESALE	KOBX	2017	15356960000	0
79	WHOLESALE	KONI	2012	2237690000	
80	WHOLESALE	KONI	2013	-3844871381	0
81	WHOLESALE	KONI	2014	1414588081	0
82	WHOLESALE	KONI	2015	-3855076931	0
83	WHOLESALE	KONI	2016	-7133227767	1
84	WHOLESALE	KONI	2017	-864095877	1
85	WHOLESALE	LTLS	2012	1,47869E+11	
86	WHOLESALE	LTLS	2013	2,78397E+11	0
87	WHOLESALE	LTLS	2014	4,17597E+11	0
88	WHOLESALE	LTLS	2015	34032000000	0
89	WHOLESALE	LTLS	2016	1,15337E+11	0
90	WHOLESALE	LTLS	2017	3,66351E+11	0
91	WHOLESALE	MDRN	2012	55726000000	
92	WHOLESALE	MDRN	2013	50145687551	0
93	WHOLESALE	MDRN	2014	39621247528	0
94	WHOLESALE	MDRN	2015	-63027760375	0
95	WHOLESALE	MDRN	2016	-6,39578E+11	1
96	WHOLESALE	MDRN	2017	-1,06247E+12	1
97	WHOLESALE	MICE	2012	46641000000	
98	WHOLESALE	MICE	2013	45841190810	0
99	WHOLESALE	MICE	2014	42053518321	0
100	WHOLESALE	MICE	2015	26291340939	0
101	WHOLESALE	MICE	2016	24239568815	0
102	WHOLESALE	MICE	2017	66623111353	0
103	WHOLESALE	OKAS	2012	-76265560000	
104	WHOLESALE	OKAS	2013	-18551020000	1
105	WHOLESALE	OKAS	2014	-73664090000	1
106	WHOLESALE	OKAS	2015	-1,76069E+11	1
107	WHOLESALE	OKAS	2016	-85216430000	1
108	WHOLESALE	OKAS	2017	1,0006E+11	0
109	WHOLESALE	SDPC	2012	22937000000	
110	WHOLESALE	SDPC	2013	10247289473	0
111	WHOLESALE	SDPC	2014	7318537007	0
112	WHOLESALE	SDPC	2015	11907197455	0
113	WHOLESALE	SDPC	2016	11105831822	0
114	WHOLESALE	SDPC	2017	14180345525	0
115	WHOLESALE	TGKA	2012	11672000000	
116	WHOLESALE	TGKA	2013	1,33864E+11	0
117	WHOLESALE	TGKA	2014	1,65209E+11	0

118	WHOLESALE	TGKA	2015	2,04736E+11	0
119	WHOLESALE	TGKA	2016	2,10672E+11	0
120	WHOLESALE	TGKA	2017	2,50865E+11	0
121	WHOLESALE	TIRA	2012	7147424	
122	WHOLESALE	TIRA	2013	-12717792	0
123	WHOLESALE	TIRA	2014	2401863	0
124	WHOLESALE	TIRA	2015	1180820	0
125	WHOLESALE	TIRA	2016	1111674690	0
126	WHOLESALE	TIRA	2017	-10764777724	0
127	WHOLESALE	WAPO	2012	117000000	
128	WHOLESALE	WAPO	2013	-26849000000	0
129	WHOLESALE	WAPO	2014	224799175	0
130	WHOLESALE	WAPO	2015	267453363	0
131	WHOLESALE	WAPO	2016	-9969664115	0
132	WHOLESALE	WAPO	2017	777398273	0
133	WHOLESALE	WICO	2012	83837097480	
134	WHOLESALE	WICO	2013	-4826555834	0
135	WHOLESALE	WICO	2014	39449966960	0
136	WHOLESALE	WICO	2015	2813610955	0
137	WHOLESALE	WICO	2016	3289390789	0
138	WHOLESALE	WICO	2017	1,68953E+11	0
139	RETAIL	ACES	2012	4,288E+11	
140	RETAIL	ACES	2013	5,03004E+11	0
141	RETAIL	ACES	2014	5,48893E+11	0
142	RETAIL	ACES	2015	5,84873E+11	0
143	RETAIL	ACES	2016	7,0615E+11	0
144	RETAIL	ACES	2017	7,80687E+11	0
145	RETAIL	AMRT	2012	4,81075E+11	
146	RETAIL	AMRT	2013	5,69042E+11	0
147	RETAIL	AMRT	2014	5,72318E+11	0
148	RETAIL	AMRT	2015	4,64204E+11	0
149	RETAIL	AMRT	2016	5,53835E+11	0
150	RETAIL	AMRT	2017	2,57735E+11	0
151	RETAIL	CENT	2012	-7312310000	
152	RETAIL	CENT	2013	-31386107369	1
153	RETAIL	CENT	2014	-24067875381	1
154	RETAIL	CENT	2015	-53392239973	1
155	RETAIL	CENT	2016	-29810785133	1
156	RETAIL	CENT	2017	-1,19047E+11	1
157	RETAIL	CSAP	2012	63072000000	
158	RETAIL	CSAP	2013	75880191000	0

159	RETAIL	CSAP	2014	11468940500	0
160	RETAIL	CSAP	2015	43022000000	0
161	RETAIL	CSAP	2016	74636924000	0
162	RETAIL	CSAP	2017	89022191000	0
163	RETAIL	ERAA	2012	3,48615E+11	
164	RETAIL	ERAA	2013	3,48615E+11	0
165	RETAIL	ERAA	2014	21127000000	0
166	RETAIL	ERAA	2015	24086000000	0
167	RETAIL	ERAA	2016	26172000000	0
168	RETAIL	ERAA	2017	3,4715E+11	0
169	RETAIL	GLOB	2012	1,13128E+11	
170	RETAIL	GLOB	2013	1,15042E+11	0
171	RETAIL	GLOB	2014	92127360416	0
172	RETAIL	GLOB	2015	-1,12991E+12	0
173	RETAIL	GLOB	2016	-1,18146E+11	1
174	RETAIL	GLOB	2017	-14669996785	1
175	RETAIL	GOLD	2012	6896000000	
176	RETAIL	GOLD	2013	6617805183	0
177	RETAIL	GOLD	2014	3020027596	0
178	RETAIL	GOLD	2015	-4337631474	0
179	RETAIL	GOLD	2016	-8047150660	1
180	RETAIL	GOLD	2017	-1057304076	1
181	RETAIL	HERO	2012	3,02728E+11	
182	RETAIL	HERO	2013	6,71138E+11	0
183	RETAIL	HERO	2014	43755000000	0
184	RETAIL	HERO	2015	1,44078E+11	0
185	RETAIL	HERO	2016	1,20588E+11	0
186	RETAIL	HERO	2017	-1,91406E+11	0
187	RETAIL	KOIN	2012	33532000000	
188	RETAIL	KOIN	2013	36682541552	0
189	RETAIL	KOIN	2014	26480721120	0
190	RETAIL	KOIN	2015	14408465567	0
191	RETAIL	KOIN	2016	-6699824	0
192	RETAIL	KOIN	2017	-14597991710	1
193	RETAIL	LPFF	2012	1,15016E+12	
194	RETAIL	LPFF	2013	1,15016E+12	0
195	RETAIL	LPFF	2014	1,41912E+12	0
196	RETAIL	LPFF	2015	1,78085E+12	0
197	RETAIL	LPFF	2016	2,01971E+12	0
198	RETAIL	LPFF	2017	1,90708E+12	0
199	RETAIL	MAPI	2012	326588736	

200	RETAIL	MAPI	2013	327792717	0
201	RETAIL	MAPI	2014	73262562	0
202	RETAIL	MAPI	2015	30095070	0
203	RETAIL	MAPI	2016	208475635	0
204	RETAIL	MAPI	2017	350081265	0
205	RETAIL	MPPA	2012	2,39E+11	
206	RETAIL	MPPA	2013	4,44905E+11	0
207	RETAIL	MPPA	2014	5,54017E+11	0
208	RETAIL	MPPA	2015	1,82999E+11	0
209	RETAIL	MPPA	2016	38483000000	0
210	RETAIL	MPPA	2017	1,243E+12	0
211	RETAIL	RALS	2012	4,23728E+11	
212	RETAIL	RALS	2013	3,90535E+11	0
213	RETAIL	RALS	2014	3,55075E+11	0
214	RETAIL	RALS	2015	3,36054E+11	0
215	RETAIL	RALS	2016	4,08479E+11	0
216	RETAIL	RALS	2017	4,0658E+11	0
217	RETAIL	RANC	2012	36460000000	
218	RETAIL	RANC	2013	33270537888	0
219	RETAIL	RANC	2014	9419731624	0
220	RETAIL	RANC	2015	-20208026210	0
221	RETAIL	RANC	2016	39554411845	0
222	RETAIL	RANC	2017	37685584998	0
223	RETAIL	SKYB	2012	-24308000000	
224	RETAIL	SKYB	2013	-12754954043	1
225	RETAIL	SKYB	2014	-44084344314	1
226	RETAIL	SKYB	2015	-1,74776E+11	1
227	RETAIL	SKYB	2016	39516936252	1
228	RETAIL	SKYB	2017	-2256872950	1
229	RETAIL	SONA	2012	90967939267	
230	RETAIL	SONA	2013	52869709136	0
231	RETAIL	SONA	2014	1,08401E+11	0
232	RETAIL	SONA	2015	36904287825	0
233	RETAIL	SONA	2016	-14579698506	0
234	RETAIL	SONA	2017	54071193194	0
235	RETAIL	TELE	2012	2,03624E+11	
236	RETAIL	TELE	2013	2,94906E+11	0
237	RETAIL	TELE	2014	3,04768E+11	0
238	RETAIL	TELE	2015	3,70649E+11	0
239	RETAIL	TELE	2016	4,68878E+11	0
240	RETAIL	TELE	2017	4,18162E+11	0

241	RETAIL	TRIO	2012	3,67E+11	
242	RETAIL	TRIO	2013	4,99952E+11	0
243	RETAIL	TRIO	2014	3,22562E+11	0
244	RETAIL	TRIO	2015	-8,76981E+12	0
245	RETAIL	TRIO	2016	-5,04992E+11	1
246	RETAIL	TRIO	2017	-1,8994E+11	1

Lampiran 9 : Hasil Pengujian Statistik Deskriptif

Descriptive Statistics						
	N	Minimum	Maximum	Mean		Std. Deviation
	Statistic	Statistic	Statistic	Statistic	Std. Error	Statistic
Leverage	205	.01	16.83	.8478	.13619	1.94997
Likuiditas	205	.05	118.22	4.3579	.84239	12.06117
Profitabilitas	205	-10.89	1.71	-.0850	.07169	1.02647
Ukuran Perusahaan	205	22.78	30.72	27.6735	.12913	1.84881
Kepemilikan Institusional	205	.17	.98	.7156	.01182	.16928
Financial Distress	205	0	1	.19	.027	.390
Valid N (listwise)	205					

Lampiran 10 : Hasil Pengujian Menilai Kelayakan Model(*Goodness of Fit Test*)

Hosmer and Lemeshow Test			
Step	Chi-square	df	Sig.
1	7.008	8	.536

Lampiran 11 :Hasil Uji Kelayakan Keseluruhan Model (*Overall of Fit Test*)

Block 0: Beginning Block

Iteration History^{a,b,c}

Iteration	-2 Log likelihood	Coefficients	
		Constant	
Step 0	1	198.163	-1.259
	2	196.573	-1.467
	3	196.568	-1.480
	4	196.568	-1.480

- a. Constant is included in the model.
 b. Initial -2 Log Likelihood: 196.568
 c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Block 1: Method = Enter

Iteration History^{a,b,c,d}

Iteration	-2 Log likelihood	Coefficients						
		Constant	Leverage	Likuiditas	Profitabilitas	Ukuran_P erusahaan	Kepemilikan Institusional	
Step 1	1	155.819	5.172	.273	-.272	-1.285	-.221	-.147
	2	142.175	7.868	.569	-.394	-2.147	-.326	-.278
	3	139.410	8.549	.863	-.438	-3.148	-.348	-.314
	4	139.098	8.525	.993	-.446	-3.787	-.345	-.289
	5	139.093	8.513	1.008	-.447	-3.883	-.344	-.283
	6	139.093	8.513	1.009	-.447	-3.884	-.344	-.283
	7	139.093	8.513	1.009	-.447	-3.884	-.344	-.283

- a. Method: Enter
 b. Constant is included in the model.
 c. Initial -2 Log Likelihood: 196.568
 d. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Lampiran 11.1 :Hasil Uji Chi Square Test

		Chi-square	df	Sig.
Step		57.474	5	.000
Step 1	Block	57.474	5	.000
	Model	57.474	5	.000

Lampiran 11.2 : Hasil Uji Cox dan Snell's R Square dan Nagelkerke R Square

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	139.093 ^a	.244	.396

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Lampiran 11.3 :Hasil Uji Tabel Klasifikasi 2x2

Observed		Predicted			
		Financial Distress		Percentage Correct	
		Net Income Positif	Net Income Negatif		
Step 1	Financial Distress	Net Income Positif	160	7	95.8
		Net Income Negatif	25	13	34.2
Overall Percentage					84.4

a. The cut value is .500

Lampiran 12 : Hasil Pengujian Signifikansi dari Koefisien Regresi

Variables in the Equation							
	B	S.E.	Wald	df	Sig.	Exp(B)	
Step 1 ^a	Leverage	1.009	.405	6.200	1	.013	2.742
	Likuiditas	-.447	.227	3.879	1	.049	.640
	Profitabilitas	-3.884	1.849	4.412	1	.036	.021
	Ukuran_Perusahaan	-.344	.124	7.677	1	.006	.709
	Kepemilikan_Institusional	-.283	.773	.134	1	.714	.754
	Constant	8.513	3.338	6.504	1	.011	4977.247

a. Variable(s) entered on step 1: Leverage, Likuiditas, Profitabilitas, Ukuran_Perusahaan, Kepemilikan_Institusional.



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NIK : 20140410457
Prodi : Manajemen
Judul : **ANALISIS PENGARUH FINANCIAL RATIO, UKURAN PERUSAHAAN, KEPEMILIKAN INSTITUSIONAL TERHADAP TERJADINYA FINANCIAL DISTRESS (Studi pada Perusahaan Wholesale dan Retail Yang Terdaftar di Bursa Efek Indonesia Tahun 2013-2017)**
Dosen Pembimbing : Alien Akmalia, SE., M.Sc

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Ikram Al- Zein, S.Kom.I