

LAMPIRAN 1
PERHITUNGAN MODEL ALTMAN Z-SCORE
PERUSAHAAN MANUFAKTUR
TAHUN 2016-2018

Lampiran 1

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2016

Sub Sektor Semen

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
1	Indocement Tunggal Prakasa	INTP	0.37269	0.7258	0.1209	14.1308	0.5095	10.85
2	Semen Baturaja Persero	SMBR	0.10409	0.0949	0.2631	1.6821	0.3486	2.48
3	Holcim Indonesia	SMCB	(0.14630)	0.0194	0.0011	0.9790	0.4780	0.92
4	Semen Indonesia	SMGR	0.03206	0.5460	0.0561	2.9382	0.5680	3.32
5	Waskita Beton Precast	WSBP	0.22563	0.0948	0.1087	1.9243	0.4762	2.39
6	Wijaya Karya Beton	WTON	0.01911	0.1323	0.0594	1.8968	0.7587	2.30

Sub Sektor Keramik, Porselen dan Kaca

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
7	Asahimas Flat Glass	AMFG	0.16397	0.5753	0.0638	1.5259	0.6765	2.80
8	Arwana Citra Mulia	ARNA	0.10774	0.5449	0.0926	0.3792	0.9798	2.41
9	Inti Keramik Alam Asri Industri	IKAI	(0.57721)	(1.2397)	(0.2009)	2.6274	0.3163	-1.20
10	Kermika Indonesia Assosiasi	KIAS	0.19026	(0.1912)	(0.0908)	3.5165	0.4644	2.24
11	Mulia Indostrindo	MLIA	(0.03366)	(0.4244)	(0.0011)	0.1191	0.7501	0.18
12	Surya Toto Indonesia	TOTO	0.27158	0.5310	0.1027	4.8596	0.8015	5.13

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2016

Sub Sektor Logam dan Sejenisnya

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
13	Alaska Industrindo	ALKA	(0.03768)	(0.1307)	0.0334	0.1882	8.4293	8.42
14	Alumindo Light Metal Industry	ALMI	(0.11265)	0.0645	(0.0118)	0.0644	0.0293	-0.02
15	Saranacental Bajatama	BAJA	(0.02644)	(0.0406)	0.0760	0.7556	0.9961	1.61
16	Beton Jaya Manunggal	BTON	0.55433	0.7056	(0.0563)	0.6719	0.3540	2.22
17	Gunawan Dianjaya Steel	GDST	0.07206	(0.0229)	0.0362	2.1777	0.6022	2.08
18	Indal Alumunium Industry	INAI	0.00214	0.0393	0.0618	0.1890	0.9593	1.33
19	Steel Pipe Industry of Indonesia	ISSP	0.07461	0.1062	0.0230	0.4443	0.5394	1.12
20	Jakarta Kyoei Steel Works	JKSW	0.20432	(1.9338)	(0.0044)	0.0157	0.9380	-1.53
21	Lion Metal Works	LION	0.56908	0.6075	0.0708	2.5378	0.5528	3.84
22	Lionmesh Prima	LMSH	0.38567	0.6605	0.0480	1.2445	0.9695	3.26
23	Pelangi Indah Canindo	PICO	0.15722	0.2024	0.0868	0.3385	0.1303	1.09

Sub Sektor Kimia

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
24	Aneka Gas Industri	AGII	0.02858	0.0113	0.0150	0.9005	0.2824	0.92
25	Budi Starch and Sweetner	BUDI	0.00053	0.1008	0.0562	0.2214	0.8416	1.30
26	Duta Pertiwi Nusantara	DPNS	0.55170	0.4721	0.0415	4.0302	0.3915	4.27
27	Ekadharma International	EKAD	0.38225	0.4453	0.1697	3.7309	0.8094	4.69
28	Eterindo Wahanatama	ETWA	0.07142	(0.3455)	(0.0389)	0.0689	0.2097	-0.28
29	Intan Wijaya Internasional	INCI	(0.32508)	0.0596	0.0494	0.3327	1.5298	1.59
30	Indo Acitama	SRSN	0.28613	0.0277	0.0278	0.9553	0.6980	1.74

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2016

Sub Sektor Plastik dan Kemasan

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
31	Alam Karya Unggul	AKKU	0.39485	0.0805	0.0195	0.0645	0.0947	0.78
32	Argha Karya Prima Industry	AKPI	0.03794	0.1281	0.0484	0.4091	0.0008	0.63
33	Ashiplast Industries	APLI	0.07491	0.2386	0.1102	2.4718	1.0167	3.29
34	Berlina	BRNA	0.10391	0.1132	0.0098	1.0157	0.6534	1.58
35	Champion Pasific Indonesia	IGAR	0.68413	0.4327	0.2124	0.7693	1.8040	4.39
36	Impack Pratama Industri	IMPC	0.40747	0.3115	0.0961	4.7167	0.4988	4.57
37	Sekawan Intipratama	SIAP	(0.10290)	(0.4184)	(0.1104)	1.0447	0.1086	-0.34
38	Siwani Makmur	SIMA	0.08960	(1.8267)	(0.0077)	6.0891	0.0723	1.25
39	Tunas Alfin	TALF	0.24287	0.2723	0.0409	4.3801	0.6458	4.08
40	Trias Sentosa	TRST	0.08212	0.2985	0.0181	0.6202	0.6836	1.63
41	Yana Prima Hasta Persada	YPAS	(0.01141)	0.1682	(0.0400)	4.0586	0.9931	3.52

Sub Sektor Pakan Ternak

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
42	Charoen Pakphand Indonesia	CPIN	0.26892	0.5784	0.1825	0.5043	1.5805	3.62
43	Japfa Comfeed Indonesia	JPFA	0.28892	0.2309	0.1648	1.7273	1.4058	3.66
44	Malindo Feedmill	MAIN	0.10103	0.2643	0.1183	1.3977	1.3384	3.06
45	Siearad Produce	SIPD	0.16469	(0.0823)	0.0212	0.6393	0.9455	1.48

Sub Sektor Industri Kayu

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
46	Tirta Mahakam Resources	TIRT	0.07604	(0.1237)	0.0617	0.1835	1.0337	1.27

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2016

Sub Sektor Kertas

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
47	Alkindo Naratama	ALDO	0.23518	0.1642	0.1058	1.5756	1.6241	3.43
48	Dwi Aneka Jaya Kemasindo	DAJK	0.29356	(0.3526)	(0.2402)	0.2207	0.1409	-0.66
49	Kertas Basuki Rachmat Indonesia	KBRI	(0.22499)	(2.1559)	(0.0660)	0.5143	0.1277	-3.07
50	Kedaung Setia Industrial	KDSI	0.11695	0.2130	0.0903	0.1962	1.7468	2.60
51	Suparma	SPMA	0.19241	0.1077	0.0516	0.2123	0.8951	1.57

Sub Sektor Aneka Industri

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
52	Ateliers Meaniques D'Indonesie	AMIN	0.42933	0.1561	0.1715	2.9274	0.8467	3.90
53	Grand Kartech	KRAH	0.07394	0.0958	0.0074	5.4499	0.5220	4.04

Sub Sektor Otomotif dan Komponen

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
54	Astra International	ASII	0.08143	0.3882	0.0850	2.7471	0.6915	3.26
55	Astra Auto Part	AUTO	0.11263	0.3995	0.0444	2.4242	0.8764	3.17
56	Garuda Metalindo	BOLT	0.36023	0.1363	0.1320	0.7719	0.8715	2.39
57	Gajah Tunggal	GJTL	0.16972	0.2257	0.0442	0.2902	0.7292	1.57
58	Indomobil Sukses International	IMAS	(0.03726)	0.0609	0.0223	0.1914	0.5871	0.82
59	Indospring	INDS	0.26561	0.1992	0.0365	1.2990	0.6608	2.16
60	Multi Prima Sejahtera	LPIN	(0.15718)	(0.0997)	(0.1390)	0.1346	0.2966	-0.41
61	Nippres	NIPS	0.08316	0.1699	0.0754	0.6189	0.5847	1.54
62	Prima Alloy Steel Universal	PRAS	(0.00911)	0.0271	0.0025	0.1319	0.2297	0.34
63	Selamat Sampurna	SMSM	0.41952	0.5291	0.2963	0.8365	1.2773	4.00

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2016

Sub Sektor Tekstil dan Garmen

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
64	Panasia Indo Resources	HDTX	(0.04035)	(0.2330)	(0.0467)	0.5859	0.3472	0.17
65	Apec Citra Centertex	MYTX	(0.30537)	(0.9824)	(0.0908)	0.1857	0.8006	-1.13
66	Ricky Putra Globalindo	RICY	0.09481	0.0498	0.0521	0.1128	0.9479	1.37
67	Star Petrochem	STAR	0.27971	0.0091	0.0419	1.3429	0.1876	1.48
68	Sunson Textile Manufacturer	SSTM	0.04753	(0.3735)	(0.0319)	0.6282	0.6508	0.46
69	Trisula Internasional	TRIS	0.28265	0.0759	0.0732	1.2010	1.4099	2.82
70	Nusantara Inti Corpora	UNIT	(0.14980)	0.0560	0.0605	0.1437	0.2405	0.43

Sub Sektor Alas Kaki

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
71	Sepatu Bata	BATA	0.40530	0.6821	0.0821	4.1480	1.2424	5.44
72	Primarindo Asia Instructure	BIMA	(0.11015)	(2.4385)	0.2729	0.6268	1.8699	-0.40

Sub Sektor Kabel

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
73	Jembo Cable Company	JECC	0.08769	0.1044	0.1105	0.4738	1.2839	2.18
74	KMI Wire and Cable	KBLI	0.46207	0.1973	0.2063	5.7796	1.5027	6.48
75	Kabelindo Murni	KBLM	0.14313	0.1513	0.0384	0.8441	1.5137	2.53
76	Supreme Cable Manufacturing and Commerce	SCCO	0.33635	0.3898	0.1794	1.2164	1.5276	3.80
77	Voksel Electric	VOKS	0.19362	0.1480	0.1345	6.0930	1.2123	5.75

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2016

Sub Sektor Makanan dan Minuman

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
78	Pilar Sejahtera Food	AISA	0.37223	0.1941	0.1385	1.2545	0.7073	2.64
79	Tri Banyan Tirta	ALTO	(0.07013)	(0.0397)	0.0241	1.0571	0.2545	0.83
80	Wilmar Cahaya Indonesia	CEKA	0.42053	0.4469	0.2234	1.4929	2.8861	5.65
81	Delta Djakarta	DLTA	0.75997	0.8126	0.2125	2.1590	1.3847	5.43
82	Indofood CBP Sukses Makmur	ICBP	0.31491	0.3799	0.1683	0.9614	1.1925	3.23
83	Indofood Sukses Makmur	INDF	0.11884	0.2374	0.1008	1.8200	0.8123	2.71
84	Multi Bintang Indonesia	MLBI	(0.18681)	0.3506	0.4317	1.7022	1.4344	4.15
85	Mayora Indah	MYOR	0.37576	0.4392	0.1792	5.5249	1.4200	6.39
86	Prashida Aneka Niaga	PSDN	0.03016	(0.1598)	0.0061	0.5166	1.4269	1.57
87	Nippon Indosari Corporindo	ROTI	0.21541	0.3863	0.1517	0.6702	0.8638	2.57
88	Sekar Bumi	SKBM	0.05021	0.1896	0.0579	1.7444	1.4986	3.06
89	Sekar Laut	SKLT	0.09395	0.1324	0.0591	0.7819	1.4674	2.43
90	Siantar Top	STTP	0.15596	0.4414	0.0932	3.5781	1.1253	4.38
91	Ultrajaya Milk Industry and Trading Company	ULTJ	0.53814	0.6716	0.2097	0.7040	1.1054	3.81

Sektor Pabrik Tembakau

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
92	Gudang Garam	GGRM	0.32238	0.6114	0.1608	0.5257	1.2116	3.30
93	Hanjaya Mandala Sampoerna	HMSP	0.64032	2.9500	0.4002	0.5346	2.2458	8.79
94	Bentoel International Investama	RMBA	0.37731	(0.4295)	(0.0563)	4.3722	1.4274	3.72
95	Wismiliak Inti Makmur	WIIM	0.51950	0.3521	0.0993	2.5485	1.2454	4.22

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2016

Sub Sektor Farmasi

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
96	Darya Varia Laboratoria	DVLA	0.45354	0.4936	0.1330	4.3507	0.9478	5.23
97	Indofarma	INAF	0.10754	0.1337	(0.0137)	1.7999	1.2121	2.56
98	Kimia Farma	KAEF	(0.01057)	0.3568	0.0577	0.6524	1.2398	2.31
99	Kalbe Farma	KLBF	0.47651	0.7497	0.2030	2.5625	1.2724	5.10
100	Merck	MERK	0.52154	0.7295	0.2867	2.5558	1.3910	5.52
101	Phrindam Farma	PYFA	0.27039	0.2988	0.8100	1.7386	1.2986	5.76
102	Merck Sharp Dohme Pharma	SCPI	0.00067	0.1198	0.0073	0.0901	1.7227	1.97
103	Industri Jamu dan Farmasi Sido Muncul	SIDO	0.52833	0.2055	0.2106	3.3953	0.8575	4.51
104	Tempo Scan Pasific	TSPC	0.41478	0.5945	0.1051	4.5449	1.3876	5.79

Sub Sektor Kosmetik

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
105	Akasha Wira International	ADES	0.16176	(0.2773)	0.1021	3.1440	1.1566	3.19
106	Kino Indonesia	KINO	0.19954	0.1827	0.0668	3.2486	1.0635	3.73
107	Martina Berto	MBTO	0.44718	0.1667	0.0347	0.7358	0.9655	2.29
108	Mustika Ratu	MRAT	0.57730	0.4877	0.0000	0.7888	0.7129	2.56
109	Mandom Indonesia	TCID	0.43530	0.6837	0.1079	0.6253	1.1564	3.37
110	Unilever Indonesia	UNVR	(0.25618)	0.2706	0.5200	2.4585	2.3919	5.65

Sub Sektor Peralatan Rumah Tangga

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
111	Chitose Internasional	CINT	0.33382	0.0578	0.0616	4.3343	0.8199	4.11
112	Kadaung Indah Can	KICI	0.46177	(0.0451)	0.0107	0.6520	0.7108	1.63
113	Langgeng Makmur Industry	LMPI	0.22734	(0.1225)	0.0138	0.0339	0.5083	0.68

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2017

Sub Sektor Semen

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
1	Indocement Tunggal Prakasa	INTP	0.32581	0.7041	0.0650	18.7601	0.5000	13.35
2	Semen Baturaja Persero	SMBR	0.08987	0.2406	0.0380	2.2910	0.3066	2.25
3	Holcim Indonesia	SMCB	(0.21014)	0.0194	0.0011	0.9083	0.4780	0.80
4	Semen Indonesia	SMGR	0.10208	0.5460	0.0561	3.1700	0.5680	3.54
5	Waskita Beton Precast	WSBP	0.26687	0.0948	0.1087	1.4146	0.4762	2.14
6	Wijaya Karya Beton	WTON	0.01911	0.1323	0.0594	1.0087	0.7587	1.77

Sub Sektor Keramik, Porselen, dan Kaca

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
7	Asahimas Flat Glass	AMFG	0.16057	0.5052	0.0149	0.9617	0.0620	1.59
8	Arwana Citra Mulia	ARNA	0.17800	0.5753	0.1166	2.7256	1.0822	4.12
9	Inti Keramik Alam Asri Industri	IKAI	(1.05627)	(1.0329)	(0.2427)	2.6339	0.0607	-1.87
10	Kermika Indonesia Assosiasi	KIAS	0.20237	(0.2511)	(0.0540)	4.3797	0.4583	2.80
11	Mark Dynamics Indonesia	MARK	0.45440	0.0655	0.2461	0.5251	1.3654	3.13
12	Mulia Indostrindo	MLIA	(0.03642)	(0.3026)	0.0098	0.2274	1.2102	0.91
13	Surya Toto Indonesia	TOTO	0.26289	0.5573	0.1322	3.7173	0.7684	4.53

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2017

Sub Sektor Logam dan sejenisnya

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
14	Alaska Industrindo	ALKA	0.20852	(0.0080)	0.0709	0.6852	6.3327	7.22
15	Alumindo Light Metal Industry	ALMI	(0.01956)	0.0599	0.0204	0.0678	1.4665	1.64
16	Saranacentral Bajatama	BAJA	(0.03478)	(0.0694)	(0.0090)	0.3719	1.2873	1.34
17	Beton Jaya Manunggal	BTON	0.61539	0.7443	0.0708	2.8189	0.4796	4.19
18	Gunawan Dianjaya Steel	GDST	0.04614	(0.0144)	0.0170	1.7159	0.9546	2.08
19	Indal Alumunium Industry	INAI	(0.00536)	0.0593	0.0718	0.2557	0.8075	1.27
20	Steel Pipe Industry of Indonesia	ISSP	0.18375	0.1020	0.0033	0.2410	0.5842	1.10
21	Jakarta Kyoei Steel Works	JKSW	0.22195	(2.0900)	(0.0313)	0.0208	0.1261	-2.62
22	Lion Metal Works	LION	0.51229	0.5841	0.0221	0.4761	0.5128	2.30
23	Lionmesh Prima	LMSH	0.42597	0.7437	0.1067	1.9479	1.3922	4.47
24	Pelangi Indah Canindo	PICO	0.22727	0.1986	0.0839	0.2942	1.0372	2.04

Sub Sektor Kimia

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
25	Aneka Gas Industri	AGII	0.07999	0.0237	0.0021	0.6244	0.2871	0.80
26	Budi Starch and Sweetner	BUDI	0.00255	0.1098	0.0622	0.2423	0.8541	1.36
27	Duta Pertiwi Nusantara	DPNS	0.52632	0.4696	0.0245	2.8507	0.3608	3.44
28	Ekadharma International	EKAD	0.40425	0.4843	0.1275	3.6256	0.8078	4.57
29	Eterindo Wahanatama	ETWA	(0.23611)	(0.4743)	(0.0424)	0.0494	0.0464	-1.01
30	Intan Wijaya Internasional	INCI	0.38518	0.2821	0.0727	2.2598	0.8878	3.34
31	Emdeki Utama	MDKI	(0.66078)	0.1028	0.0684	6.6996	0.4244	4.02
32	Indo Acitama	SRSN	0.34366	0.0506	0.0634	1.2689	0.7989	2.25

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2017

Sub Sektor Plastik dan Kemasan

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
33	Argha Karya Prima Industry	AKPI	0.01521	0.1243	0.0318	0.3046	0.7521	1.23
34	Ashiplast Industries	APLI	0.13235	0.2193	0.0129	0.5720	0.9587	1.81
35	Berlina	BRNA	0.03294	0.0491	(0.1141)	1.0920	0.6669	1.05
36	Champion Pasific Indonesia	IGAR	0.65360	0.4645	0.1788	5.1704	0.1207	5.25
37	Impack Pratama Industri	IMPC	0.37812	0.3332	0.0825	0.5239	0.5199	2.03
38	Panca Budi Idaman	PBID	0.40314	0.2120	0.1780	3.2567	1.9138	5.24
39	Sekawan Intipratama	SIAP	(0.14595)	(0.4689)	(0.0662)	0.1006	0.0041	-0.99
40	Siwani Makmur	SIMA	(0.53876)	(0.8591)	(0.0029)	1.4242	0.0435	-0.96
41	Tunas Alfin	TALF	0.24270	0.2761	0.0349	3.6481	0.7013	3.68
42	Trias Sentosa	TRST	0.06640	0.3020	0.0120	0.7737	0.0908	1.10
43	Yana Prima Hasta Persada	YPAS	0.27175	0.0733	(0.0491)	3.6533	0.9969	3.46

Sub Sektor Pakan Ternak

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
44	Charoen Pakphand Indonesia	CPIN	0.27163	0.6339	0.1515	5.5777	2.0131	7.07
45	Japfa Comfeed Indonesia	JPFA	0.30441	0.2349	0.1079	1.3499	1.4037	3.26
46	Malindo Feedmill	MAIN	(0.04187)	0.2209	0.0011	0.6987	1.3362	2.02
47	Siearad Produce	SIPD	0.04280	(0.2528)	1.0939	0.8598	(0.0652)	3.76

Sub Sektor Industri Kayu

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
48	Tirta Mahakam Resources	TIRT	0.08868	(0.1163)	(0.0014)	0.1224	0.9259	0.94

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2017

Sub Sektor Kertas

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
49	Alkindo Naratama	ALDO	0.21378	0.1615	0.0963	1.2255	1.4212	2.96
50	Fajar Surya Wisesa	FASW	(0.10342)	0.0988	0.0088	2.2002	0.7831	2.15
51	Kertas Basuki Rachmat Indonesia	KBRI	(0.18001)	(2.4335)	(0.0897)	0.4947	0.1230	-3.50
52	Kedaung Setia Industrial	KDSI	0.09949	0.2351	0.0981	0.2643	1.6905	2.62
53	Suparma	SPMA	0.00757	0.1494	0.0558	0.4574	0.9621	1.64

Sub Sektor Sektor Lainnya

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
54	Kirana Megatara	KMTR	0.53558	0.1174	0.2347	1.7994	0.3403	3.00
55	Hartadinata Abadi	HRTA	0.68072	0.4677	0.1351	0.3253	1.7503	3.86

Sub Sektor Aneka Industri

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
56	Ateliers Meaniques D'Indonesie	AMIN	0.31353	0.1935	0.1421	2.4165	0.6827	3.25
57	Grand Kartech	KRAH	0.00882	0.0056	(0.0815)	5.1307	0.4076	3.24

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2017

Sub Sektor Otomotif dan Komponen

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
58	Astra International	ASII	0.07634	0.3837	0.0988	2.4119	0.6970	3.10
59	Astra Auto Part	AUTO	0.08300	0.4142	0.0482	3.2644	0.9179	3.72
60	Garuda Metalindo	BOLT	0.30912	0.1576	0.1305	4.9316	0.8813	4.86
61	Gajah Tunggal	GJTL	0.15229	0.2335	0.0059	0.1895	0.0059	0.65
62	Indomobil Sukses International	IMAS	(0.08153)	0.0458	0.0220	0.1051	0.4895	0.59
63	Indospring	INDS	0.34521	0.2361	0.0677	2.8533	0.0808	2.76
64	Multi Prima Sejahtera	LPIN	0.40220	0.5382	0.7015	3.7828	0.3840	6.20
65	Nippres	NIPS	0.07218	0.1824	0.0572	0.8029	0.5675	1.58
66	Prima Alloy Steel Universal	PRAS	(0.01807)	0.0260	0.0026	0.1781	0.2260	0.36
67	Selamat Smpurna	SMSM	0.47075	0.5697	0.2958	1.1702	1.3670	4.41

Sub Sektor Tekstil dan Garmen

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
68	Trisula Textile Industries	BELL	0.31212	0.0918	0.0691	1.3528	0.9574	2.50
69	Panasia Indo Resources	HDTX	(0.20713)	(0.4282)	(0.1001)	0.4826	0.3205	-0.57
70	Apec Citra Centertex	MYTX	(0.25416)	(0.4985)	(0.0383)	0.3463	0.4743	-0.45
71	Ricky Putra Globalindo	RICY	0.11975	0.0542	0.0714	0.1019	1.1644	1.68
72	Star Petrochem	STAR	0.33400	0.0131	0.0341	3.8192	0.1863	3.01
73	Sunson Textile Manufacture	SSTM	0.21321	(0.2429)	(0.0356)	1.1317	5.6773	6.15
74	Trisula Internasional	TRIS	0.31422	0.1738	0.0613	1.7096	1.4199	3.27
75	Nusantara Inti Corpora	UNIT	(0.11001)	0.0599	0.0631	0.0949	0.2421	0.46

Sub Sektor Alas Kaki

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
76	Sepatu Bata	BATA	0.39437	0.6720	0.0941	2.6811	1.1389	4.47
77	Primarindo Asia Instructure	BIMA	(0.13205)	(2.3357)	0.1932	0.2412	1.7208	-0.93

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2017

Sub Sektor Kabel

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
78	Jembo Cable Company	JECC	0.03850	0.0863	0.0579	0.0001	1.1331	1.49
79	KMI Wire and Cable	KBLI	0.30182	0.3374	0.1423	1.3912	1.0574	3.20
80	Kabelindo Murni	KBLM	0.09263	0.1137	0.0361	0.7117	0.9840	1.80
81	Supreme Cable Manufacturing and Commerce	SCCO	0.23037	0.3036	0.0860	1.4387	1.1062	2.95
82	Voksel Electric	VOKS	0.19278	0.1893	0.1091	1.0004	1.0702	2.53

Sub Sektor Makanan dan Minuman

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
83	Pilar Sejahtera Food	AISA	0.07269	0.0141	(0.0629)	0.2880	0.5640	0.64
84	Tri Banyan Tirta	ALTO	0.01213	(0.0980)	(0.0306)	1.2324	0.2363	0.75
85	Campina Ice Cream Industry	CAMP	0.66867	0.0433	0.0837	2.1886	0.7801	3.23
86	Wilmar Cahaya Indonesia	CEKA	0.39070	0.4706	0.1156	1.5677	3.0573	5.51
87	Sriguna Primatirta	CLEO	0.04136	0.1091	0.0948	2.4962	0.9300	2.94
88	Delta Djakarta	DLTA	0.79570	0.8245	0.2752	1.8731	0.5797	4.72
89	Indofood CBP Sukses Makmur	ICBP	0.30841	0.4048	0.1651	0.9189	1.1261	3.16
90	Indofood Sukses Makmur	INDF	0.12369	0.2431	0.0995	1.6257	0.7981	2.59
91	Buyung Poetra Sembada	HOKI	0.54485	0.1744	0.1264	8.0899	2.0958	8.27
92	Multi Bintang Indonesia	MLBI	(0.09054)	0.4150	0.7091	1.9938	1.3505	5.36
93	Mayora Indah	MYOR	0.41570	0.4521	0.1650	5.9730	1.3956	6.66
94	Prima Cakrawala Abadi	PCAR	0.46896	(0.2674)	0.0012	6.5938	0.9618	5.11
95	Prashida Aneka Niaga	PSDN	0.05083	(0.1206)	0.1018	0.9416	2.0254	2.82
96	Nippon Indosari Corporindo	ROTI	0.28353	0.2617	0.0564	4.5346	0.5463	4.16
97	Sekar Bumi	SKBM	0.20027	0.1327	0.0319	2.0575	1.1346	2.90
98	Sekar Laut	SKLT	0.08744	0.1364	0.0649	2.3115	1.4368	3.33
99	Siantar Top	STTP	0.24814	0.5326	0.1232	5.9641	1.2062	6.23
100	Ultrajaya Milk Industry and Trading Company	ULTJ	0.50499	0.0521	1.8495	1.5295	0.9407	8.64

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2017

Sub Sekor Tembakau

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
101	Gudang Garam	GGRM	0.31686	1.2279	0.1683	0.6562	1.2478	4.30
102	Hanjaya Mandala Sampoerna	HMSP	0.64202	0.5789	0.3916	6.0941	2.2969	8.83
103	Bentoel International Investama	RMBA	0.30654	(0.8957)	(0.0223)	2.6807	1.4385	2.09
104	Wismiliak Inti Makmur	WIIM	0.57141	0.7436	0.0360	4.1553	1.2045	5.54

Sub Sektor Farmasi

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
105	Darya Varia Laboratoria	DVLA	0.44734	0.9148	0.1341	4.1846	0.9602	5.73
106	Indofarma	INAF	0.02464	0.1752	(0.0028)	1.8223	1.0663	2.43
107	Kimia Farma	KAEF	0.21203	0.1072	0.0879	4.2558	1.0261	4.27
108	Kalbe Farma	KLBF	0.47042	0.7696	0.1951	2.9101	1.2146	5.25
109	Emdeki Utama	MDKI	0.26304	0.1028	0.0684	6.6996	0.4244	5.13
110	Merck	MERK	0.45445	0.6794	0.2462	1.6444	1.3656	4.66
111	Phrindam Farma	PYFA	0.35170	0.6553	0.0756	1.9311	1.3976	4.15
112	Merck Sharp Dohme Pharma	SCPI	0.18447	0.2130	0.0133	0.1047	1.6133	2.24
113	Industri Jamu dan Farmasi Sido Muncuk	SIDO	0.44975	0.2374	0.2027	3.1163	0.8150	4.23
114	Tempo Scan Pasific	TSPC	0.40979	1.1216	0.0853	3.4426	1.2866	5.70

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2017

Sub Sektor Kosmetik dan Kebutuhan Rumah Tangga

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
115	Akasha Wira International	ADES	0.05874	0.9248	0.0881	3.0473	0.9694	4.45
116	Kino Indonesia	KINO	0.21925	0.3846	0.0435	2.5613	0.9762	3.46
117	Martina Berto	MBTO	0.34347	0.2240	(0.0218)	0.3926	0.9371	1.83
118	Mustika Ratu	MRAT	0.55785	0.8866	0.0073	0.6750	0.6930	3.03
119	Mandom Indonesia	TCID	0.43046	1.3117	0.0954	0.7148	1.1459	4.24
120	Unilever Indonesia	UNVR	(0.24281)	0.2645	0.5023	3.1058	2.1794	5.78

Sub Sektor Peralatan Rumah Tangga

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
121	Chitose Internasional	CINT	0.30335	0.4135	0.0804	0.3542	0.7847	2.21
122	Kadaung Indah Can	KICI	0.52175	(0.1131)	0.0767	0.8148	0.7590	1.97
123	Langgeng Makmur Industry	LMPI	0.25375	(0.1503)	0.0030	0.0367	0.4927	0.62
124	Integra Indocabinet	WOOD	0.04731	0.0742	0.0609	0.7971	0.4514	1.29

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2018

Sub Sektor Semen

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
1	Indocement Tunggal Prakasa	INTP	0.30193	0.6799	0.0387	14.8717	0.5466	10.91
2	Semen Baturaja Persero	SMBR	0.13036	0.2269	0.0447	8.4198	0.3604	6.03
3	Holcim Indonesia	SMCB	0.00464	(0.0239)	0.0024	1.1791	0.5559	1.24
4	Semen Indonesia	SMGR	0.15257	0.5593	0.0802	3.7033	0.5999	4.05
5	Waskita Beton Precast	WSBP	0.19109	0.1163	0.1108	1.3504	0.5256	2.09
6	Wijaya Karya Beton	WTON	0.07010	0.1439	0.0825	0.5704	0.7803	1.68

Sub Sektor Keramik, Porselen dan Kaca

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
7	Asahimas Flat Glass	AMFG	0.05574	0.3812	0.0210	0.3312	0.5269	1.40
8	Arwana Citra Mulia	ARNA	0.21232	0.5992	0.1344	5.5426	1.1927	6.06
9	Inti Keramik Alam Asri Industri	IKAI	(0.07810)	(0.1812)	0.0524	3.7878	0.0084	2.11
10	Cahayaputra Asa Keramik	CAKK	0.14312	(0.1115)	0.0540	1.0472	0.8346	1.66
11	Kermika Indonesia Assosiasi	KIAS	0.21600	(0.2999)	(0.0552)	4.2705	0.5139	2.73
12	Mark Dynamics Indonesia	MARK	0.28004	0.0652	0.3496	1.8777	1.0232	3.73
13	Mulia Indostrindo	MLIA	(0.01522)	(0.2623)	0.0503	0.5275	1.0595	1.16
14	Surya Toto Indonesia	TOTO	0.30571	0.5992	0.1549	3.7115	0.7691	4.71

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2018

Sub Sektor Logam dan sejenisnya

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
15	Alaska Industrindo	ALKA	0.13364	0.0326	0.0423	0.2778	5.5362	6.05
16	Alumindo Light Metal Industry	ALMI	(0.01030)	0.0556	0.0404	0.1004	1.5900	1.85
17	Saranacental Bajatama	BAJA	(0.13227)	(0.1788)	(0.0287)	0.2466	1.4201	1.06
18	Beton Jaya Manunggal	BTON	0.67010	0.7566	0.1575	4.8410	0.5405	5.83
19	Gunawan Dianjaya Steel	GDST	(0.06289)	(0.0607)	(0.0936)	1.9057	1.1512	1.83
20	Indal Alumunium Industry	INAI	0.01713	0.0703	0.0665	0.2368	0.8070	1.29
21	Steel Pipe Industry of Indonesia	ISSP	0.16343	0.1060	0.0092	0.1687	0.6879	1.16
22	Jakarta Kyoei Steel Works	JKSW	0.12710	(1.4742)	(0.0241)	0.0135	0.0004	-1.98
23	Lion Metal Works	LION	0.53044	0.6050	0.0296	1.6003	0.6092	3.15
24	Lionmesh Prima	LMSH	0.46420	0.7682	0.0304	2.0369	1.4999	4.45
25	Pelangi Indah Canindo	PICO	0.11434	0.1910	0.0690	0.2568	0.9099	1.70

Sub Sektor Kimia

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
26	Aneka Gas Industri	AGII	0.04334	0.0378	0.0222	0.5958	0.3119	0.85
27	Budi Starch and Sweetner	BUDI	0.00137	0.1042	0.0571	0.1993	0.8391	1.29
28	Duta Pertiwi Nusantara	DPNS	0.51970	0.4789	0.0383	2.3526	0.4450	3.28
29	Ekadharma International	EKAD	0.43373	0.5280	0.1180	4.6428	0.8668	5.30
30	Eterindo Wahanatama	ETWA	(0.77556)	(0.6105)	(0.0244)	0.0581	0.0219	-1.81
31	Intan Wijaya Internasional	INCI	0.32814	0.2353	0.0563	1.5792	0.9402	2.80
32	Emdeki Utama	MDKI	0.26490	0.1033	0.0482	8.2692	0.4367	6.02
33	Madusari Murni Indah	MOLI	0.33821	0.1778	0.0691	3.6416	0.6372	3.71
34	Indo Acitama	SRSN	0.38659	0.1168	0.0945	0.1815	0.8751	1.92

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2018

Sub Sektor Plastik dan Kemasan

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
35	Argha Karya Prima Industry	AKPI	0.00598	0.1320	0.0516	0.2777	0.7776	1.31
36	Ashiplast Industries	APLI	0.00119	0.1272	(0.0268)	0.3828	0.8706	1.19
37	Berlina	BRNA	(0.00540)	0.0439	(0.0086)	0.8781	0.5360	1.09
38	Champion Pasific Indonesia	IGAR	0.57683	0.4704	0.1005	4.2772	1.3632	5.61
39	Impack Pratama Industri	IMPC	0.37035	0.3488	0.0809	0.6930	0.5887	2.20
40	Panca Budi Idaman	PBID	0.42757	0.2826	0.1695	2.8689	1.8963	5.09
41	Siwani Makmur	SIMA	(0.79309)	(1.1705)	(0.0344)	0.6861	0.0402	-2.25
42	Tunas Alfin	TALF	0.26168	0.3012	0.0635	0.4454	0.7526	1.97
43	Trias Sentosa	TRST	0.04203	0.2499	0.0183	0.5486	0.6140	1.40
44	Yana Prima Hasta Persada	YPAS	0.01663	0.0704	(0.0281)	2.4484	1.2474	2.74

Sub Sektor Pakan Ternak

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
45	Charoen Pakphand Indonesia	CPIN	0.33876	0.6958	0.2347	1.4354	1.9518	4.97
46	Japfa Comfeed Indonesia	JPFA	0.23923	0.2652	0.1668	1.9661	1.4764	3.86
47	Malindo Feedmill	MAIN	0.16887	0.2526	0.0918	1.3322	1.5466	3.21
48	Siearad Produce	SIPD	0.04884	(0.2469)	0.0586	1.0187	1.4262	1.94

Sub Sektor Industri Kayu

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
49	Tirta Mahakam Resources	TIRT	0.05310	(0.1478)	0.0100	0.0750	1.1294	1.06

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2018

Sub Sektor Sektor lainnya

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
56	Kirana Megatar	KMTR	0.08348	0.0842	0.0478	0.9923	2.8639	3.84
57	Hartadinata Abadi	HRTA	0.67827	0.2784	0.1352	3.1717	1.7863	5.34

Sub Sektor Aneka Industri

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
58	Ateliers Meaniques D'Indonesie	AMIN	0.31353	0.1935	0.1421	2.5857	0.6827	3.35
59	Steadfast Marine	KPAL	(0.18636)	0.1198	0.0491	0.5273	0.2017	0.62
60	Grand Kartech	KRAH	0.00043	(0.1042)	(0.1105)	4.3294	0.4288	2.52

Sub Sektor Otomotif dan Komponen

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
61	Astra International	ASII	0.04973	0.3705	0.1015	1.9547	0.6939	2.78
62	Astra Auto Part	AUTO	0.12253	0.4121	0.0542	1.5316	0.9664	2.79
63	Garuda Metalindo	BOLT	0.21429	0.1532	0.1015	3.9583	0.9046	4.09
64	Gajah Tunggal	GJTL	0.14591	0.2117	(0.0043)	0.1637	0.7787	1.33
65	Indomobil Sukses International	IMAS	(0.12103)	0.0353	0.0292	0.1950	0.4284	0.55
66	Indospring	INDS	0.36938	0.2534	0.0597	0.5055	0.9669	2.27
67	Multi Prima Sejahtera	LPIN	0.39861	0.5878	0.0368	3.7722	0.3157	4.00
68	Prima Alloy Steel Universal	PRAS	(0.08410)	0.0310	0.0050	0.1310	0.3515	0.39
69	Selamat Smpurna	SMSM	0.49395	0.5949	0.2970	1.2386	1.4042	4.55

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2018

Sub Sektor Tekstil dan Garmen

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
70	Trisula Textile Industries	BELL	0.24150	0.1445	0.0895	1.3660	1.0901	2.70
71	Panasia Indo Resources	HDTX	(0.33721)	(3.0473)	(0.4588)	1.0066	0.8999	-4.68
72	Apec Citra Centertex	MYTX	(0.49633)	(0.6971)	(0.0369)	0.2404	0.6369	-0.91
73	Ricky Putra Globalindo	RICY	0.14100	0.0540	0.0194	0.0961	1.3691	1.74
74	Star Petrochem	STAR	0.35235	0.0131	0.0378	1.3791	0.2140	1.61
75	Trisula Internasional	TRIS	0.26325	0.1485	0.0656	0.8327	1.3597	2.60
76	Nusantara Inti Corpora	UNIT	(0.06299)	0.0614	0.0592	0.1120	0.2466	0.52
77	Mega Perintis	ZONE	0.38628	0.2244	0.1360	2.1833	1.1457	3.68

Sub Sektor Alas Kaki

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
78	Sepatu Bata	BATA	0.42767	0.7121	0.1090	3.2493	1.1321	4.95
79	Primarindo Asia Instructure	BIMA	(0.03906)	(2.1009)	0.1707	0.1902	1.4883	-0.82

Sub Sektor Kabel

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
80	Jembo Cable Company	JECC	0.06117	0.1096	0.0586	0.6829	1.5409	2.37
81	KMI Wire and Cable	KBLI	0.39799	0.3808	0.0952	0.9970	1.3067	3.23
82	Kabelindo Murni	KBLM	0.10842	0.1311	(0.0438)	0.5871	0.9577	1.48
83	Supreme Cable Manufacturing and Commerce	SCCO	0.26395	0.3387	0.0824	1.4258	1.2389	3.16
84	Voksel Electric	VOKS	0.16415	0.2032	0.0571	0.7977	1.0801	2.23

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2018

Sub Sektor Elektronika

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
85	Sky Energy Indonesia	JSKY	0.12978	0.0829	0.0536	3.1508	0.7478	3.09

Sub Sektor Makanan dan Minuman

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
86	Campina Ice Cream Industry	CAMP	0.60079	0.0963	0.0864	3.5394	0.9570	4.22
87	Wilmar Cahaya Indonesia	CEKA	0.55683	0.6171	0.1171	4.2542	3.1048	7.58
88	Sriguna Primatirta	CLEO	0.09291	0.1626	0.0981	1.7173	0.9966	2.69
89	Delta Jakarta	DLTA	0.78235	0.8172	0.2896	1.8398	0.5861	4.73
90	Indofood CBP Sukses Makmur	ICBP	0.20037	0.4373	0.1876	1.0452	1.1177	3.22
91	Indofood Sukses Makmur	INDF	0.02143	0.2414	0.0947	1.4031	0.7603	2.28
92	Garudafood Putra Putri Indonesia	GOOD	0.05754	0.1766	0.1537	8.0306	1.9108	7.55
93	Buyung Poetra Sembada	HOKI	0.40525	0.2359	0.1698	8.8596	1.8855	8.58
94	Multi Bintang Indonesia	MLBI	(0.12111)	0.3960	0.5786	1.9578	1.2631	4.76
95	Mayora Indah	MYOR	0.44813	0.4491	0.1494	6.4735	1.3677	6.91
96	Pratama Abadi Nusa Industri	PANI	0.12019	(0.0105)	0.0137	0.6614	1.9718	2.54
97	Prima Cakrawala Abadi	PCAR	0.53183	(0.3872)	(0.0722)	2.1543	1.5032	2.65
98	Prashida Aneka Niaga	PSDN	0.01155	(0.2086)	(0.0036)	0.6080	1.9122	1.99
99	Nippon Indosari Corporindo	ROTI	0.30713	0.3040	0.0442	5.0266	0.6289	4.58
100	Sekar Bumi	SKBM	0.13318	0.1301	0.0260	1.6415	1.1031	2.52
101	Sekar Laut	SKLT	0.08750	0.1587	0.0725	2.5391	1.3984	3.49
102	Siantar Top	STTP	0.21820	0.5712	0.1234	4.9883	1.0744	5.54
103	Ultrajaya Milk Industry and Trading Company	ULTJ	0.38848	0.7288	0.1607	1.9973	0.9851	4.20

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2018

Sub Sektor Tembakau

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
104	Gudang Garam	GGRM	0.33693	0.6390	0.1615	0.6714	1.3851	3.62
105	Hanjaya Mandala Sampoerna	HMSP	0.62309	0.2946	0.3854	3.8379	2.2905	7.03
106	Bentoel International Investama	RMBA	0.23897	(0.4611)	(0.0145)	2.3414	1.4734	2.47
107	Wismiliak Inti Makmur	WIIM	0.58840	0.3903	0.0416	1.1827	1.1193	3.22

Sub Sektor Farmasi

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
108	Darya Varia Laboratoria	DVLA	0.46757	0.5275	0.1588	4.5027	1.0100	5.54
109	Indofarma	INAF	0.02791	0.0732	0.0180	2.1302	1.1044	2.58
110	Kimia Farma	KAEF	0.16862	0.2393	0.0809	2.3657	0.8072	3.03
111	Kalbe Farma	KLBF	0.46082	0.7755	0.1822	2.4986	1.1614	4.90
112	Merck	MERK	0.20891	0.3787	0.0373	2.5864	0.4845	2.94
113	Phapros	PEHA	0.01880	0.2873	0.0950	2.1879	0.0005	2.05
114	Phrindam Farma	PYFA	0.31138	0.3387	0.0008	1.4844	1.3389	3.08
115	Industri Jamu dan Farmasi Sido Muncul	SIDO	0.35333	0.2263	0.2470	2.8965	0.8279	4.12
116	Tempo Scan Pasific	TSPC	0.39283	0.5767	0.0893	2.5665	1.2818	4.40

Sub Sektor Kosmetik dan Kebutuhan Rumah Tangga

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
117	Akasha Wira International	ADES	0.11545	(0.1380)	0.1034	1.3589	0.9127	2.01
118	Kino Indonesia	KINO	0.18364	0.2194	0.0558	2.8464	1.0054	3.42
119	Cottonindo Ariesta	KPAS	(0.09175)	0.0332	0.0063	4.5151	0.3176	2.98
120	Martina Berto	MBTO	0.23480	(0.0321)	(0.2120)	0.0031	0.7755	0.31
121	Mustika Ratu	MRAT	0.50675	0.4532	0.0148	0.5323	0.5872	2.20
122	Mandom Indonesia	TCID	0.45065	0.6884	0.0757	0.7338	1.0833	3.28
123	Unilever Indonesia	UNVR	(0.14392)	0.3793	0.6289	2.9000	2.1412	6.32

PERHITUNGAN MODEL ALTMAN Z-SCORE PERUSAHAAN MANUFAKTUR TAHUN 2018

Sub sektor Peralatan Rumah Tangga

NO	NAMA PERUSAHAAN	KODE	WC/TA	RE/TA	EBIT/TA	MVE/BVL	SALES/TA	Altman Z-Score
124	Chitose Internasional	CINT	0.28186	0.2506	0.0450	0.2765	0.7538	1.76
125	Kadaung Indah Can	KICI	0.52774	(0.0768)	0.0011	1.3187	0.5641	1.88
126	Langgeng Makmur Industry	LMPI	0.18576	(0.2184)	(0.0748)	0.0318	0.5791	0.27
127	Integra Indocabinet	WOOD	0.10718	0.1177	0.0707	1.8136	0.4580	2.07

LAMPIRAN 2
PERHITUNGAN *CURRENT RATIO*
PERUSAHAAN MANUFAKTUR
TAHUN 2016-2018

Lampiran 2

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2016

Sub Sektor Semen

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio</i>
			Asset Lancar	Liabilitas J. Pendek	
1	Indocement Tunggal Prakasa	INTP	14,424,622,000,000	3,187,742,000,000	4.53
2	Semen Baturaja Persero	SMBR	1,123,602,449,000	668,827,967,000	1.68
3	Holcim Indonesia	SMCB	2,439,964,000,000	5,311,358,000,000	0.46
4	Semen Indonesia	SMGR	10,373,158,827,000	8,803,577,054,000	1.18
5	Waskita Beton Precast	WSBP	8,132,620,689,686	4,766,317,324,109	1.71

Sub Sektor Keramik, Porselen, dan Kaca

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio</i>
			Asset Lancar	Liabilitas J. Pendek	
7	Asahimas Flat Glass	AMFG	1,787,723,000,000	885,086,000,000	2.02
8	Arwana Citra Mulia	ARNA	642,892,045,913	476,631,150,852	1.35
9	Inti Keramik Alam Asri Industri	IKAI	38,485,081,000	191,371,167,000	0.20
10	Kermika Indonesia Assosiasi	KIAS	519,661,000,000	165,848,000,000	3.13
11	Mulia Indostrindo	MLIA	1,589,944,730,000	1,849,891,122,000	0.86
12	Surya Toto Indonesia	TOTO	1,290,208,433,386	589,149,809,544	2.19

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2016

Sub Sektor Logam dan sejenisnya

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio</i>
			Asset Lancar	Liabilitas J. Pendek	
13	Alaska Industrindo	ALKA	58,323,930,000	63,472,099,000	0.92
14	Alumindo Light Metal Industry	ALMI	1,424,711,407,181	1,667,249,369,925	0.85
15	Saranacentral Bajatama	BAJA	749,830,324,140	775,814,969,312	0.97
16	Beton Jaya Manunggal	BTON	128,801,476,086	30,523,107,064	4.22
17	Gunawan Dianjaya Steel	GDST	467,637,658,247	377,013,051,111	1.24
18	Indal Alumunium Industry	INAI	974,282,450,341	971,422,099,001	1.00
19	Steel Pipe Industry of Indonesia	ISSP	3,277,978,000,000	2,827,200,000,000	1.16
20	Jakarta Kyoei Steel Works	JKSW	117,120,198,198	61,304,422,851	1.91
21	Lion Metal Works	LION	542,813,854,009	152,533,565,561	3.56
22	Lionmesh Prima	LMSH	98,274,709,046	35,476,763,264	2.77
23	Pelangi Indah Canindo	PICO	396,400,172,713	296,005,351,843	1.34

Sub Sektor Kimia

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio</i>
			Asset Lancar	Liabilitas J. Pendek	
24	Aneka Gas Industri	AGII	1,479,828,000,000	1,312,711,000,000	1.13
25	Budi Starch and Sweetner	BUDI	1,092,360,000,000	1,090,816,000,000	1.00
26	Duta Pertiwi Nusantara	DPNS	174,907,377,454	11,533,925,524	15.16
27	Ekadharma International	EKAD	337,644,083,636	69,110,450,442	4.89
28	Eterindo Wahanatama	ETWA	82,772,799,336	170,334,228,356	0.49
29	Intan Wijaya Internasional	INCI	118,743,367,562	20,420,038,273	5.82
30	Indo Acitama	SRSN	481,542,567,000	276,341,289,000	1.74

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2016

Sub Sektor Plastik dan Kemasan

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio</i>
			Asset Lancar	Liabilitas J. Pendek	
31	Alam Karya Unggul	AKKU	533,431,662,213	110,879,929,245	4.81
32	Argha Karya Prima Industry	AKPI	870,146,141,000	770,887,902,000	1.13
33	Ashiplast Industries	APLI	71,131,579,000	47,573,871,564	1.50
34	Berlina	BRNA	777,316,455,000	560,277,480,000	1.39
35	Champion Pasific Indonesia	IGAR	363,004,314,204	62,350,881,953	5.82
36	Impack Pratama Industri	IMPC	1,261,952,056,094	334,534,009,282	3.77
37	Sekawan Intipratama	SIAP	10,386,996,238	33,920,541,503	0.31
38	Siwani Makmur	SIMA	4,502,826,710	890,672,163	5.06
39	Tunas Alfin	TALF	325,494,162,443	111,360,300,869	2.92
40	Trias Sentosa	TRST	1,179,999,891,768	909,779,313,844	1.30
41	Yana Prima Hasta Persada	YPAS	118,108,607,817	121,306,029,590	0.97

Sub Sektor Pakan Ternak

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio</i>
			Asset Lancar	Liabilitas J. Pendek	
42	Charoen Pakphand Indonesia	CPIN	12,059,433,000,000	5,550,257,000,000	2.17
43	Japfa Comfeed Indonesia	JPFA	10,755,503,000,000	5,193,549,000,000	2.07
44	Malindo Feedmill	MAIN	1,761,071,797,000	1,365,050,337,000	1.29
45	Siearad Produce	SIPD	1,498,156,764,347	1,075,374,955,578	1.39

Sub Sektor Industri Kayu

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio</i>
			Asset Lancar	Liabilitas J. Pendek	
46	Tirta Mahakam Resources	TIRT	558,602,090,736	496,551,611,099	1.12

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2016

Sub Sektor Kertas

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio</i>
			Asset Lancar	Liabilitas J. Pendek	
47	Alkindo Naratama	ALDO	298,258,060,232	201,756,667,857	1.48
48	Dwi Aneka Jaya Kemasindo	DAJK	524,537,686,000	76,609,536,000	6.85
49	Kertas Basuki Rachmat Indonesia	KBRI	160,272,232,793	444,595,675,025	0.36
50	Kedaung Setia Industrial	KDSI	709,583,883,699	575,996,641,235	1.23
51	Suparma	SPMA	699,313,460,414	283,923,795,368	2.46

Sub Sektor Aneka Industri

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio</i>
			Asset Lancar	Liabilitas J. Pendek	
52	Ateliers Meaniques D'Indonesie	AMIN	198,101,001,850	89,715,515,949	2.21
53	Grand Kartech	KRAH	398,546,720,456	354,278,813,444	1.12

Sub Sektor Otomotif dan Komponen

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio</i>
			Asset Lancar	Liabilitas J. Pendek	
54	Astra International	ASII	110,403,000,000,000	89,079,000,000,000	1.24
55	Astra Auto Part	AUTO	4,903,902,000,000	3,258,146,000,000	1.51
56	Garuda Metalindo	BOLT	572,646,028,968	138,176,728,896	4.14
57	Gajah Tunggal	GJTL	7,517,152,000,000	4,343,805,000,000	1.73
58	Indomobil Sukses International	IMAS	11,639,697,824,750	12,594,693,691,894	0.92
59	Indospring	INDS	981,694,103,645	323,699,362,103	3.03
60	Multi Prima Sejahtera	LPIN	187,053,339,566	262,162,231,019	0.71
61	Nippres	NIPS	825,372,776,000	677,524,406,000	1.22
62	Prima Alloy Steel Universal	PRAS	667,616,686,456	682,161,662,936	0.98
63	Selamat Sampurna	SMSM	1,454,387,000,000	508,482,000,000	2.86

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2016

Sub Sektor Tekstil dan Garmen

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio</i>
			Asset Lancar	Liabilitas J. Pendek	
64	Panasia Indo Resources	HDTX	582,043,492,000	773,443,042,000	0.75
65	Apec Citra Centertex	MYTX	360,309,000,000	854,929,000,000	0.42
66	Ricky Putra Globalindo	RICY	943,936,823,539	821,755,111,705	1.15
67	Star Petrochem	STAR	386,235,136,503	193,182,418,174	2.00
68	Sunson Textile Manufacturer	SSTM	330,396,510,184	298,508,103,736	1.11
69	Trisula Internasional	TRIS	462,578,104,758	281,765,921,952	1.64
70	Nusantara Inti Corpora	UNIT	119,703,443,513	184,553,791,533	0.65

Sub Sektor Alas Kaki

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio</i>
			Asset Lancar	Liabilitas J. Pendek	
71	Sepatu Bata	BATA	533,900,133,000	207,734,690,000	2.57
72	Primarindo Asia Instructure	BIMA	79,300,156,166	89,438,951,168	0.89

Sub Sektor Kabel

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio</i>
			Asset Lancar	Liabilitas J. Pendek	
73	Jembo Cable Company	JECC	1,131,735,197,000	992,544,784,000	1.14
74	KMI Wire and Cable	KBLI	1,223,453,184,817	358,715,994,083	3.41
75	Kabelindo Murni	KBLM	394,738,153,988	303,264,273,023	1.30
76	Supreme Cable Manufacturing and Commerce	SCCO	2,019,183,845,621	1,195,158,412,670	1.69
77	Voksel Electric	VOKS	1,291,317,191,672	968,322,757,177	1.33

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2016

Sub Sektor Makanan dan Minuman

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio</i>
			Asset Lancar	Liabilitas J. Pendek	
78	Pilar Sejahtera Food	AISA	5,949,164,000,000	2,504,330,000,000	2.38
79	Tri Banyan Tirta	ALTO	249,820,943,200	331,532,658,228	0.75
80	Wilmar Cahaya Indonesia	CEKA	1,103,865,252,070	504,208,767,076	2.19
81	Delta Djakarta	DLTA	1,048,133,697,000	137,842,096,000	7.60
82	Indofood CBP Sukses Makmur	ICBP	15,571,362,000,000	6,469,785,000,000	2.41
83	Indofood Sukses Makmur	INDF	28,985,443,000,000	19,219,441,000,000	1.51
84	Multi Bintang Indonesia	MLBI	901,258,000,000	1,326,261,000,000	0.68
85	Mayora Indah	MYOR	8,739,782,750,141	3,884,051,319,005	2.25
86	Prashida Aneka Niaga	PSDN	349,455,819,960	329,735,955,102	1.06
87	Nippon Indosari Corporindo	ROTI	949,414,338,057	320,501,824,382	2.96
88	Sekar Bumi	SKBM	519,269,756,899	468,979,800,633	1.11
89	Sekar Laut	SKLT	222,686,872,602	169,302,583,936	1.32
90	Siantar Top	STTP	921,133,961,428	556,752,312,634	1.65
91	Ultrajaya Milk Industry and Trading Company	ULTJ	2,874,821,874,013	593,525,591,694	4.84

Sub Sektor Tembakau

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio</i>
			Asset Lancar	Liabilitas J. Pendek	
92	Gudang Garam	GGRM	41,933,173,000,000	21,638,565,000,000	1.94
93	Hanjaya Mandala Sampoerna	HMSP	33,647,496,000,000	6,428,478,000,000	5.23
94	Bentoel International Investama	RMBA	8,708,423,000,000	3,625,665,000,000	2.40
95	Wismiliak Inti Makmur	WIIM	996,925,071,640	293,711,761,060	3.39

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2016

Sub sektor Farmasi

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio</i>
			Asset Lancar	Liabilitas J. Pendek	
96	Darya Varia Laboratoria	DVLA	1,068,967,094,000	374,427,510,000	2.85
97	Indofarma	INAF	853,506,463,800	704,929,715,911	1.21
98	Kimia Farma	KAEF	1,586,737,458,280	1,636,266,267,583	0.97
99	Kalbe Farma	KLBF	9,572,529,767,897	2,317,161,787,100	4.13
100	Merck	MERK	508,615,377,000	120,622,129,000	4.22
101	Phrindam Farma	PYFA	83,106,443,468	37,933,579,448	2.19
102	Merck Sharp Dohme Pharma	SCPI	1,144,723,804	214,416,021	5.34
103	Industri Jamu dan Farmasi Sido Muncul	SIDO	1,794,125,000,000	215,686,000,000	8.32
104	Tempo Scan Pasific	TSPC	4,385,083,916,291	1,653,413,220,121	2.65

Sub Sektor Kosmetik dan Keperluan Rumah Tangga

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio</i>
			Asset Lancar	Liabilitas J. Pendek	
105	Akasha Wira International	ADES	319,614,000,000	195,466,000,000	1.64
106	Kino Indonesia	KINO	1,876,157,549,127	1,220,778,246,218	1.54
107	Martina Berto	MBTO	472,762,014,033	155,284,557,576	3.04
108	Mustika Ratu	MRAT	372,731,501,477	93,871,952,310	3.97
109	Mandom Indonesia	TCID	1,174,482,404,487	223,305,151,868	5.26
110	Unilever Indonesia	UNVR	6,588,109,000,000	10,878,074,000,000	0.61

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2016

Sub Sektor Peralatan Rumah Tangga

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio</i>
			Asset Lancar	Liabilitas J. Pendek	
111	Chitose Internasional	CINT	195,009,437,765	61,704,877,496	3.16
112	Kadaung Indah Can	KICI	79,416,740,506	14,856,909,996	5.35
113	Langgeng Makmur Industry	LMPI	548,573,737,189	364,348,673,440	1.51

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2017

Sub Sektor Semen

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
1	Indocement Tunggal Prakasa	INTP	12,883,074,000,000	3,479,024,000,000	3.70
2	Semen Baturaja Persero	SMBR	1,123,602,449,000	668,827,967,000	1.68
3	Holcim Indonesia	SMCB	2,920,318,000,000	7,044,649,000,000	0.41
4	Semen Indonesia	SMGR	13,801,818,533,000	8,803,577,054,000	1.57
5	Waskita Beton Precast	WSBP	11,574,944,658,940	7,593,431,366,806	1.52
6	Wijaya Karya Beton	WTON	4,351,377,174,399	4,216,314,368,712	1.03

Sub Sektor Keramik, Porslen, dan Kaca

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
7	Asahimas Flat Glass	AMFG	2,003,321,000,000	996,903,000,000	2.01
8	Arwana Citra Mulia	ARNA	740,190,524,246	455,152,838,360	1.63
9	Inti Keramik Alam Asri Industri	IKAI	8,077,769,000	239,659,849,000	0.03
10	Kermika Indonesia Assosiasi	KIAS	527,456,425,373	169,750,005,433	3.11
11	Mark Dynamics Indonesia	MARK	569,889,512,000	184,971,088,000	3.08
12	Mulia Indostrindo	MLIA	1,261,014,750,000	1,449,898,887,000	0.87
13	Surya Toto Indonesia	TOTO	1,316,631,634,008	573,582,902,438	2.30

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2017

Sub Sektor Logam dan sejenisnya

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
14	Alaska Industrindo	ALKA	277,157,394,000	213,515,571,000	1.30
15	Alumindo Light Metal Industry	ALMI	1,701,281,476,100	1,747,767,173,359	0.97
16	Saranacental Bajatama	BAJA	727,240,100,955	760,156,840,021	0.96
17	Beton Jaya Manunggal	BTON	138,161,399,969	25,235,541,036	5.47
18	Gunawan Dianjaya Steel	GDST	452,019,244,440	392,632,933,617	1.15
19	Indal Alumunium Industry	INAI	860,749,259,575	867,251,288,494	0.99
20	Steel Pipe Industry of Indonesia	ISSP	3,431,703,000,000	2,279,714,000,000	1.51
21	Jakarta Kyoei Steel Works	JKSW	100,362,768,229	44,364,847,180	2.26
22	Lion Metal Works	LION	503,156,333,673	153,806,819,548	3.27
23	Lionmesh Prima	LMSH	89,570,023,525	20,918,453,456	4.28
24	Pelangi Indah Canindo	PICO	487,491,234,444	323,802,228,719	1.51

Sektor Kimia

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
25	Aneka Gas Industri	AGII	1,526,964,000,000	1,014,745,000,000	1.50
26	Budi Starch and Sweetner	BUDI	1,027,489,000,000	1,019,986,000,000	1.01
27	Duta Pertiwi Nusantara	DPNS	181,198,774,207	18,832,789,797	9.62
28	Ekadharma International	EKAD	413,617,087,456	91,524,721,725	4.52
29	Eterindo Wahanatama	ETWA	40,266,954,272	303,431,764,582	0.13
30	Intan Wijaya Internasional	INCI	145,540,638,781	28,527,518,002	5.10
31	Emdeki Utama	MDKI	294,255,000,000	66,077,000,000	4.45
32	Indo Acitama	SRSN	422,532,126,000	198,217,020,000	2.13

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2017

Sub Sektor Plastik dan Kemasan

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
33	Argha Karya Prima Industry	AKPI	1,003,030,428,000	961,284,302,000	1.04
34	Ashiplast Industries	APLI	126,404,952,607	73,638,951,697	1.72
35	Berlina	BRNA	718,757,530,000	654,032,840,000	1.10
36	Champion Pasific Indonesia	IGAR	396,252,892,753	60,941,267,200	6.50
37	Impack Pratama Industri	IMPC	1,200,668,597,438	333,004,593,743	3.61
38	Panca Budi Idaman	PBID	1,180,832,299,000	445,625,975,000	2.65
39	Sekawan Intipratama	SIAP	7,821,429,510	40,984,855,603	0.19
40	Siwani Makmur	SIMA	4,547,184,467	50,989,690,489	0.09
41	Tunas Alfin	TALF	351,255,636,607	127,673,269,661	2.75
42	Trias Sentosa	TRST	1,189,727,024,906	968,421,072,104	1.23
43	Yana Prima Hasta Persada	YPAS	148,857,935,337	66,371,675,360	2.24

Sub Sektor Pakan Ternak

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
44	Charoen Pakphand Indonesia	CPIN	11,720,730,000,000	5,059,552,000,000	2.32
45	Japfa Comfeed Indonesia	JPFA	11,189,325,000,000	4,769,640,000,000	2.35
46	Malindo Feedmill	MAIN	1,695,042,774,000	1,865,529,073,000	0.91
47	Siearad Produce	SIPD	1,168,670,000,000	1,072,809,000,000	1.09

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2017

Sub Sektor Industri Kayu

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
48	Tirta Mahakam Resources	TIRT	589,913,892,673	513,715,444,072	1.15

Sub Sektor Kertas

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
49	Alkindo Naratama	ALDO	348,662,337,262	242,051,192,180	1.44
50	Fajar Surya Wisesa	FASW	2,784,006,841,253	3,753,070,066,277	0.74
51	Kertas Basuki Rachmat Indonesia	KBRI	107,266,392,534	318,104,922,819	0.34
52	Kedaung Setia Industrial	KDSI	841,180,578,033	709,035,285,125	1.19
53	Suparma	SPMA	750,237,084,349	733,771,730,418	1.02

Sub Sektor Sektor Lainnya

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
54	Kirana Megatara	KMTR	2,207,392,472,857	302,411,734,607	7.30
55	Hartadinata Abadi	HRTA	1,312,626,412,274	347,059,973,082	3.78

Sub Sektor Aneka Industri

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
56	Ateliers Meaniques D'Indonesie	AMIN	257,665,373,808	144,509,470,711	1.78
57	Grand Kartech	KRAH	469,101,177,938	463,401,644,222	1.01

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2017

Sub Sektor Otomotif dan Komponen

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
58	Astra International	ASII	121,293,000,000,000	98,722,000,000,000	1.23
59	Astra Auto Part	AUTO	5,228,541,000,000	4,003,233,000,000	1.31
60	Garuda Metalindo	BOLT	540,253,003,059	172,769,473,994	3.13
61	Gajah Tunggal	GJTL	7,168,378,000,000	4,397,957,000,000	1.63
62	Indomobil Sukses International	IMAS	13,207,228,569,571	15,765,338,395,006	0.84
63	Indospring	INDS	1,044,177,985,635	203,724,817,070	5.13
64	Multi Prima Sejahtera	LPIN	133,470,797,422	25,635,299,203	5.21
65	Nippres	NIPS	925,814,248,000	788,823,821,000	1.17
66	Prima Alloy Steel Universal	PRAS	622,230,971,368	650,095,154,148	0.96
67	Selamat Sampurna	SMSM	1,570,110,000,000	419,913,000,000	3.74

Sub Sektor Tekstil dan Garmen

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
68	Trisula Textile Industries	BELL	333,171,768,612	187,735,291,863	1.77
69	Panasia Indo Resources	HDTX	247,829,628,000	1,170,337,450,000	0.21
70	Apec Citra Centertex	MYTX	764,428,000,000	1,643,506,000,000	0.47
71	Ricky Putra Globalindo	RICY	1,037,820,994,280	873,224,844,013	1.19
72	Star Petrochem	STAR	321,284,372,984	115,972,411,559	2.77
73	Sunson Textile Manufacture	SSTM	311,547,858,348	182,421,582,456	1.71
74	Trisula Internasional	TRIS	356,846,493,425	185,606,885,071	1.92
75	Nusantara Inti Corpora	UNIT	132,822,954,660	179,729,679,061	0.74

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2017

Sub Sektor Alas Kaki

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
76	Sepatu Bata	BATA	567,954,415,000	230,497,528,000	2.46
77	Primarindo Asia Instructure	BIMA	72,385,157,397	84,180,581,813	0.86

Sub Sektor Kabel

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
78	Jembo Cable Company	JECC	1,294,457,697,000	1,220,226,620,000	1.06
79	KMI Wire and Cable	KBLI	1,843,100,256,808	933,490,170,009	1.97
80	Kabelindo Murni	KBLM	548,840,102,130	434,423,462,965	1.26
81	Supreme Cable Manufacturing and Commerce	SCCO	2,171,012,758,933	1,246,236,997,513	1.74
82	Voksel Electric	VOKS	1,667,656,034,897	1,260,868,218,485	1.32

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2017

Sub Sektor Makanan dan Minuman

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
83	Pilar Sejahtera Food	AISA	4,536,882,000,000	3,902,708,000,000	1.16
84	Tri Banyan Tirta	ALTO	192,943,940,639	179,485,187,884	1.07
85	Campina Ice Cream Industry	CAMP	864,515,740,386	54,639,027,443	15.82
86	Wilmar Cahaya Indonesia	CEKA	988,479,957,549	444,383,077,820	2.22
87	Sriguna Primatirta	CLEO	144,179,181,317	116,843,320,205	1.23
88	Delta Djakarta	DLTA	1,206,576,189,000	139,684,908,000	8.64
89	Indofood CBP Sukses Makmur	ICBP	16,579,331,000,000	6,827,588,000,000	2.43
90	Indofood Sukses Makmur	INDF	32,515,399,000,000	21,637,763,000,000	1.50
91	Buyung Poetra Sembada	HOKI	402,492,112,857	88,130,681,014	4.57
92	Multi Bintang Indonesia	MLBI	1,076,845,000,000	1,304,114,000,000	0.83
93	Mayora Indah	MYOR	10,674,199,571,313	4,473,628,322,956	2.39
94	Prima Cakrawala Abadi	PCAR	102,516,143,530	36,483,673,037	2.81
95	Prashida Aneka Niaga	PSDN	369,067,844,907	333,943,794,874	1.11
96	Nippon Indosari Corporindo	ROTI	2,319,937,439,019	1,027,176,531,240	2.26
97	Sekar Bumi	SKBM	836,639,597,232	511,596,750,506	1.64
98	Sekar Laut	SKLT	267,129,479,669	211,493,160,519	1.26
99	Siantar Top	STTP	940,212,374,995	358,963,437,494	2.62
100	Ultrajaya Milk Industry and Trading Company	ULTJ	3,439,990,000,000	820,625,000,000	4.19

Sub Sektor Tembakau

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
101	Gudang Garam	GGRM	43,764,490,000,000	22,611,042,000,000	1.94
102	Hanjaya Mandala Sampoerna	HMSP	34,180,353,000,000	6,482,969,000,000	5.27
103	Bentoel International Investama	RMBA	9,005,061,000,000	4,687,842,000,000	1.92
104	Wismiliak Inti Makmur	WIIM	861,172,306,233	160,790,695,868	5.36

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2017

Sub Sektor Farmasi

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
105	Darya Varia Laboratoria	DVLA	1,175,655,601,000	441,622,865,000	2.66
106	Indofarma	INAF	930,982,222,120	893,289,627,427	1.04
107	Kimia Farma	KAEF	3,662,090,215,984	2,369,507,448,769	1.55
108	Kalbe Farma	KLBF	10,043,950,500,578	2,227,336,011,715	4.51
109	Emdeki Utama	MDKI	294,255,000,000	66,077,000,000	4.45
110	Merck	MERK	569,889,512,000	184,971,088,000	3.08
111	Phrindam Farma	PYFA	78,364,312,306	22,245,115,479	3.52
112	Merck Sharp Dohme Pharma	SCPI	1,098,244,680,000	848,450,095,000	1.29
113	Industri Jamu dan Farmasi Sido Muncuk	SIDO	1,628,901,000,000	208,507,000,000	7.81
114	Tempo Scan Pasific	TSPC	5,049,363,864,387	2,002,621,403,597	2.52

Sub Sektor Kosmetik dan Kebutuhan Rumah Tangga

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
115	Akasha Wira International	ADES	294,244,000,000	171,317,000,000	1.72
116	Kino Indonesia	KINO	1,795,404,979,854	1,085,566,305,465	1.65
117	Martina Berto	MBTO	520,384,083,342	252,247,858,307	2.06
118	Mustika Ratu	MRAT	384,262,906,538	106,813,922,324	3.60
119	Mandom Indonesia	TCID	1,276,478,591,542	259,806,845,843	4.91
120	Unilever Indonesia	UNVR	7,941,635,000,000	12,532,304,000,000	0.63

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2017

Sub Sektor Peralatan Rumah Tangga

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
121	Chitose Internasional	CINT	210,584,866,561	66,014,779,104	3.19
122	Kadaung Indah Can	KICI	90,345,642,590	12,385,069,176	7.29
123	Langgeng Makmur Industry	LMPI	572,240,218,362	360,471,900,688	1.59
124	Integra Indocabinet	WOOD	1,666,396,628,130	1,484,590,174,142	1.12

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2018

Sub Sektor Semen

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
1	Indocement Tunggal Prakasa	INTP	12,315,796,000,000	3,925,649,000,000	3.14
2	Semen Baturaja Persero	SMBR	1,358,329,865,000	636,408,215,000	2.13
3	Holcim Indonesia	SMCB	2,597,672,000,000	2,511,062,000,000	1.03
4	Semen Indonesia	SMGR	16,007,685,627,000	8,202,837,599,000	1.95
5	Waskita Beton Precast	WSBP	10,236,132,156,003	7,327,262,600,178	1.40
6	Wijaya Karya Beton	WTON	5,870,714,397,037	5,248,086,459,534	1.12

Sub Sektor Keramik, Porselen dan Kaca

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
7	Asahimas Flat Glass	AMFG	2,208,918,000,000	1,738,904,000,000	1.27
8	Arwana Citra Mulia	ARNA	827,587,984,112	476,647,908,156	1.74
9	Inti Keramik Alam Asri Industri	IKAI	92,211,026,000	196,634,638,000	0.47
10	Cahayaputra Asa Keramik	CAKK	129,352,367,121	82,281,904,302	1.57
11	Kermika Indonesia Assosiasi	KIAS	560,456,340,708	192,300,522,743	2.91
12	Mark Dynamics Indonesia	MARK	162,149,436,873	73,075,412,445	2.22
13	Mulia Indostrindo	MLIA	1,151,925,372,000	1,232,040,043,000	0.93
14	Surya Toto Indonesia	TOTO	1,339,048,037,127	453,374,610,070	2.95

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2018

Sub Sektor Logam dan sejenisnya

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
15	Alaska Industrindo	ALKA	622,859,287,000	536,128,557,000	1.16
16	Alumindo Light Metal Industry	ALMI	2,115,994,105,157	2,144,650,311,300	0.99
17	Saranacental Bajatama	BAJA	692,169,207,950	811,365,493,384	0.85
18	Beton Jaya Manunggal	BTON	176,074,193,688	30,419,618,514	5.79
19	Gunawan Dianjaya Steel	GDST	297,658,998,332	382,679,320,708	0.78
20	Indal Alumunium Industry	INAI	1,053,375,131,067	1,029,377,481,187	1.02
21	Steel Pipe Industry of Indonesia	ISSP	3,640,720,000,000	2,579,383,000,000	1.41
22	Jakarta Kyoei Steel Works	JKSW	80,941,795,056	31,292,282,225	2.59
23	Lion Metal Works	LION	516,186,639,128	146,900,045,005	3.51
24	Lionmesh Prima	LMSH	91,588,263,964	17,303,304,955	5.29
25	Pelangi Indah Canindo	PICO	508,708,851,191	411,184,672,224	1.24

Sub Sektor Kimia

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
26	Aneka Gas Industri	AGII	1,585,943,000,000	1,297,840,000,000	1.22
27	Budi Starch and Sweetner	BUDI	1,472,140,000,000	1,467,508,000,000	1.00
28	Duta Pertiwi Nusantara	DPNS	192,296,998,181	24,857,084,132	7.74
29	Ekadharma International	EKAD	461,472,621,715	91,381,683,504	5.05
30	Eterindo Wahanatama	ETWA	18,460,713,565	864,335,838,685	0.02
31	Intan Wijaya Internasional	INCI	191,492,982,970	63,071,077,029	3.04
32	Emdeki Utama	MDKI	282,378,000,000	40,242,000,000	7.02
33	Madusari Murni Indah	MOLI	1,087,918,253,000	456,061,430,000	2.39
34	Indo Acitama	SRSN	448,247,260,000	182,749,220,000	2.45

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2018

Sub Sektor Plastik dan Kemasan

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
35	Argha Karya Prima Industry	AKPI	1,233,718,090,000	1,215,369,846,000	1.02
36	Ashiplast Industries	APLI	201,923,603,048	201,327,226,691	1.00
37	Berlina	BRNA	811,798,388,000	825,079,803,000	0.98
38	Champion Pasific Indonesia	IGAR	416,191,470,230	87,283,567,361	4.77
39	Impack Pratama Industri	IMPC	1,220,137,554,014	342,328,901,816	3.56
40	Panca Budi Idaman	PBID	1,689,893,416,000	708,309,176,000	2.39
41	Siwani Makmur	SIMA	41,683,149	59,166,165,079	0.00
42	Tunas Alfin	TALF	408,988,723,901	151,341,881,953	2.70
43	Trias Sentosa	TRST	1,494,150,559,018	1,314,074,889,815	1.14
44	Yana Prima Hasta Persada	YPAS	189,670,901,662	184,166,194,553	1.03

Sub Sektor Pakan Ternak

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
45	Charoen Pakphand Indonesia	CPIN	14,097,959,000,000	4,732,868,000,000	2.98
46	Japfa Comfeed Indonesia	JPFA	12,415,809,000,000	6,904,477,000,000	1.80
47	Malindo Feedmill	MAIN	1,882,512,184,000	1,150,319,584,000	1.64
48	Siearad Produce	SIPD	1,154,203,000,000	1,047,350,000,000	1.10

Sub Sektor Industri Kayu

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
49	Tirta Mahakam Resources	TIRT	648,335,408,999	599,302,543,303	1.08

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2018

Sub Sektor Kertas

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
50	Alkindo Naratama	ALDO	373,344,346,111	231,453,796,427	1.61
51	Fajar Surya Wisesa	FASW	3,530,218,883,678	3,010,538,868,185	1.17
52	Kertas Basuki Rachmat Indonesia	KBRI	35,350,526,457	672,263,564,452	0.05
53	Kedaung Setia Industrial	KDSI	824,176,454,137	704,831,802,004	1.17
54	Suparma	SPMA	887,886,684,146	236,077,148,880	3.76
55	Sriwahana Adityakarta	SWAT	187,154,293,062	196,455,406,732	0.95

Sub Sektor lainnya

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
56	Kirana Megatar	KMTR	2,059,600,582,207	1,763,387,428,345	1.17
57	Hartadinata Abadi	HRTA	1,430,530,685,815	388,009,846,474	3.69

Sub Sektor Aneka Industri

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
58	Ateliers Meaniques D'Indonesie	AMIN	257,665,373,808	144,509,470,711	1.78
59	Steadfast Marine	KPAL	298,969,349,858	439,432,705,322	0.68
60	Grand Kartech	KRAH	436,596,444,571	436,338,221,754	1.00

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2018

Sub Sektor Otomotif dan Komponen

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
61	Astra International	ASII	133,609,000,000,000	116,467,000,000,000	1.15
62	Astra Auto Part	AUTO	6,013,683,000,000	4,066,699,000,000	1.48
63	Garuda Metalindo	BOLT	633,450,427,483	352,222,592,938	1.80
64	Gajah Tunggal	GJTL	8,673,407,000,000	5,797,360,000,000	1.50
65	Indomobil Sukses International	IMAS	16,377,048,870,513	21,333,832,691,448	0.77
66	Indospring	INDS	1,134,664,034,610	217,729,909,744	5.21
67	Multi Prima Sejahtera	LPIN	137,578,748,642	17,360,517,147	7.92
68	Prima Alloy Steel Universal	PRAS	639,455,076,770	776,997,095,215	0.82
69	Selamat Smpurna	SMSM	1,853,782,000,000	470,116,000,000	3.94

Sub Sektor Tekstil dan Garmen

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
70	Trisula Textile Industries	BELL	342,554,523,490	218,191,271,919	1.57
71	Panasia Indo Resources	HDTX	37,133,314,000	235,055,724,000	0.16
72	Apec Citra Centertex	MYTX	714,140,000,000	1,885,089,000,000	0.38
73	Ricky Putra Globalindo	RICY	1,211,372,836,329	994,288,048,839	1.22
74	Star Petrochem	STAR	332,865,525,071	115,834,635,089	2.87
75	Trisula Internasional	TRIS	439,825,803,141	273,186,011,900	1.61
76	Nusantara Inti Corpora	UNIT	145,766,923,001	172,205,836,809	0.85
77	Mega Perintis	ZONE	298,517,634,098	144,608,972,242	2.06

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2018

Sub Sektor Alas Kaki

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
78	Sepatu Bata	BATA	569,545,551,000	194,538,478,000	2.93
79	Primarindo Asia Instructure	BIMA	80,207,862,904	84,043,258,686	0.95

Sub Sektor Kabel

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
80	Jembo Cable Company	JECC	1,415,578,044,000	1,288,252,935,000	1.10
81	KMI Wire and Cable	KBLI	2,173,538,859,435	882,122,694,126	2.46
82	Kabelindo Murni	KBLM	604,353,216,583	463,589,374,916	1.30
83	Supreme Cable Manufacturing and Commerce	SCCO	2,310,899,967,253	1,211,478,289,822	1.91
84	Voksel Electric	VOKS	1,905,388,216,804	1,497,401,925,999	1.27

Sub Sektor Elektronika

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
85	Sky Energy Indonesia	JSKY	388,621,173,509	314,911,254,451	1.23

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2018

Sub Sektor Makanan dan Minuman

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
86	Campina Ice Cream Industry	CAMP	664,681,699,769	61,322,975,128	10.84
87	Wilmar Cahaya Indonesia	CEKA	809,166,450,672	158,255,592,250	5.11
88	Sriguna Primatirta	CLEO	198,544,322,066	121,061,155,519	1.64
89	Delta Djakarta	DLTA	1,384,227,944,000	192,299,843,000	7.20
90	Indofood CBP Sukses Makmur	ICBP	14,121,568,000,000	7,235,398,000,000	1.95
91	Indofood Sukses Makmur	INDF	33,272,618,000,000	31,204,102,000,000	1.07
92	Garudafood Putra Putri Indonesia	GOOD	1,570,545,769,306	1,328,163,043,500	1.18
93	Buyung Poetra Sembada	HOKI	490,747,589,782	183,224,424,681	2.68
94	Multi Bintang Indonesia	MLBI	1,228,961,000,000	1,578,919,000,000	0.78
95	Mayora Indah	MYOR	12,647,858,727,872	4,764,510,387,113	2.65
96	Pratama Abadi Nusa Industri	PANI	109,504,732,067	91,524,875,312	1.20
97	Prima Cakrawala Abadi	PCAR	86,383,519,237	23,934,318,332	3.61
98	Prashida Aneka Niaga	PSDN	369,067,844,907	361,013,085,421	1.02
99	Nippon Indosari Corporindo	ROTI	1,876,409,299,238	525,422,150,049	3.57
100	Sekar Bumi	SKBM	851,410,216,636	615,506,825,729	1.38
101	Sekar Laut	SKLT	356,735,670,030	291,349,105,535	1.22
102	Siantar Top	STTP	1,250,806,822,918	676,673,564,908	1.85
103	Ultrajaya Milk Industry and Trading Company	ULTJ	2,793,521,000,000	635,161,000,000	4.40

Sub Sektor Tembakau

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
104	Gudang Garam	GGRM	45,284,719,000,000	22,003,567,000,000	2.06
105	Hanjaya Mandala Sampoerna	HMSP	37,831,483,000,000	8,793,999,000,000	4.30
106	Bentoel International Investama	RMBA	9,584,354,000,000	6,028,559,000,000	1.59
107	Wismiliak Inti Makmur	WIIM	888,979,741,744	150,202,377,711	5.92

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2018

Sub Sektor Farmasi

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
108	Darya Varia Laboratoria	DVLA	1,203,372,372,000	416,537,366,000	2.89
109	Indofarma	INAF	867,493,107,334	827,237,832,766	1.05
110	Kimia Farma	KAEF	5,369,546,726,061	3,774,304,481,466	1.42
111	Kalbe Farma	KLBF	10,648,288,386,726	2,286,167,471,594	4.66
112	Merck	MERK	973,309,659,000	709,437,157,000	1.37
113	Phapros	PEHA	1,006,461,509,000	971,332,958,000	1.04
114	Phrindam Farma	PYFA	91,387,136,759	33,141,647,397	2.76
115	Industri Jamu dan Farmasi Sido Muncuk	SIDO	1,547,666,000,000	368,380,000,000	4.20
116	Tempo Scan Pasific	TSPC	5,130,662,268,849	2,039,075,034,339	2.52

Sub Sektor Kosmetik dan Kebutuhan Rumah Tangga

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
117	Akasha Wira International	ADES	364,138,000,000	262,397,000,000	1.39
118	Kino Indonesia	KINO	1,975,979,249,304	1,316,323,262,100	1.50
119	Cottonindo Ariesta	KPAS	51,999,023,248	73,167,363,109	0.71
120	Martina Berto	MBTO	392,357,840,917	240,203,560,883	1.63
121	Mustika Ratu	MRAT	382,330,851,179	122,929,175,890	3.11
122	Mandom Indonesia	TCID	1,333,428,311,186	231,533,842,787	5.76
123	Unilever Indonesia	UNVR	8,325,029,000,000	11,134,786,000,000	0.75

PERHITUNGAN *CURRENT RATIO* PERUSAHAAN MANUFAKTUR TAHUN 2018

Sub Sektor Peralatan Rumah Tangga

NO	NAMA PERUSAHAAN	KODE	<i>Current Ratio (CR)</i>		<i>Current Ratio (CR)</i>
			Asset Lancar	Liabilitas J. Pendek	
124	Chitose Internasional	CINT	219,577,845,340	81,075,913,501	2.71
125	Kadaung Indah Can	KICI	97,221,132,552	15,902,122,815	6.11
126	Langgeng Makmur Industry	LMPI	525,674,069,930	379,536,352,404	1.39
127	Integra Indocabinet	WOOD	2,326,016,811,717	1,834,205,245,388	1.27

LAMPIRAN 3
OUTPUT *STATISTIC DESCRIPTIVE* PER
MODEL PREDIKSI *FINANCIAL DISTRESS*

Lampiran 3

OUTPUT STATISTIC DESCRIPTIVE PER MODEL PREDIKSI FINANCIAL
DISTRESS

Statistic Descriptive Model Altman Z-Score

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Altman Z-score	364	-4.68	8.83	2.7977	2.09552
Valid N (listwise)	364				

Statistic Descriptive Current Ratio

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Current Ratio	364	.00	15.82	2.3506	2.01580
Valid N (listwise)	364				

OUTPUT STATISTIC DESCRIPTIVE PER MODEL PREDIKSI FINANCIAL
DISTRESS PER TAHUN

Statistic Descriptive Model Altman Z-Score tahun 2016

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Altman Z-score	113	-3.07	8.79	2.6476	2.00943
Valid N (listwise)	113				

Statistic Descriptive Model Altman Z-Score tahun 2017

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Altman Z-score	124	-3.50	8.83	2.9205	2.15992
Valid N (listwise)	124				

Statistic Descriptive Model Altman Z-Score tahun 2018

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Altman Z-score	127	-4.68	10.91	2.8746	2.23356
Valid N (listwise)	127				

Statistic Descriptive Current ratio tahun 2016

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Current Ratio	113	.20	15.16	2.3474	2.04169
Valid N (listwise)	113				

Statistic Descriptive Current ratio tahun 2017

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Current Ratio	124	.03	15.82	2.4423	2.18077
Valid N (listwise)	124				

Statistic Descriptive Current ratio tahun 2018

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Current Ratio	127	.00	10.84	2.2640	1.82838
Valid N (listwise)	127				

LAMPIRAN 4
OUTPUT *PAIRED SAMPLE STATISTICS* PER
MODEL PREDIKSI *FINANCIAL DISTRESS*

Lampiran 4

OUTPUT *PAIRED SAMPLE STATISTICS* MODEL PREDIKSI *FINANCIAL DISTRESS*

OUTPUT UJI HIPOTESIS

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Altman Z-score	2.7977	364	2.09552	.10984
	Current Ratio	2.3506	364	2.01580	.10566

T-TEST

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Altman Z-score & Current Ratio	364	.399	.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	Altman Z-score - Current Ratio	.44706	2.25381	.11813	.21475	.67937	3.784	363	.000

SURAT PERNYATAAN

Yang bertanda tangan di bawah ini :

Nama : Ivana Kurniati
Alamat : Jl. Nginden Tembusan No. 04, Surabaya
NIM : 2015310619
Program Studi : Akuntansi
Program Pendidikan : Sarjana

Dengan ini menyatakan bahwa skripsi saya yang berjudul :

PERBEDAAN PENGGUNAAN MODEL ALTMAN Z-SCORE DAN STATUS *CURRENT RATIO* DALAM MEMPREDIKSI *FINANCIAL DISTRESS*

adalah benar-benar merupakan karya saya sendiri bukan jiplakan (plagiat) dari karya ilmiah orang lain serta bukan hasil dibuatkan oleh orang/pihak lain. Apabila di kemudian hari ternyata pernyataan saya tersebut tidak benar, maka saya bersedia menerima sanksi berupa pembatalan skripsi beserta segala hal yang terkait dengan skripsi tersebut.

Demikian Surat Pernyataan ini saya buat dengan sebenarnya.

Surabaya, 25 September 2019

Yang menyatakan.

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(Ivana Kurniati)

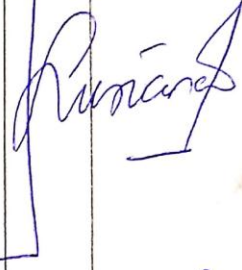





BERITA ACARA PERBAIKAN PROPOSAL SKRIPSI

Pada hari ini, Selasa, tanggal 30 April 2019 telah dilakukan evaluasi proposal skripsi

N a m a : IVANA KURNIATI
 N I M : 2015310619
 Program Pendidikan : S1 Akuntansi
 dengan saran perbaikan/revisi sebagai berikut :

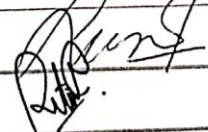


No.	Halaman	ACC Penguji
<p>Luciana Spica Almilia :</p> <ul style="list-style-type: none"> - Cek teknik penulisan → baca buku pedoman - Fenomena : brp banyak peneliti yg mendit t₂ score & hasil yg berbeda. Begitu juga & CR (tabel 1.1 tdk ps diadukan fenomena) - Konsistensi persamaan & perbedaan (teknik dll) - Teori FD & CR → penjabaran dari fenomena & latar blkg - FD ≠ kebangkrutan <p>Putri Wulanditya :</p> <ul style="list-style-type: none"> - Manfaat : perbaiki - Penomoran sub bab - Cek : kutipan tdk ada tahun 	<p>8 Juli 2019</p> 	<p>19/7</p> 

Perubahan Judul : ADA / ~~TIDAK ADA~~ *)

Judul Baru : Perbedaan Penggunaan Model Altman 2-Score dan Status ~~Ratio~~
~~Ketangganan~~ Current Ratio Dalam Mempredikan Financial Distress.

Tim Evaluator Proposal

Tanda Tangan

1. Dr. LUCIANA SPICA ALMILIA, S.E., M.Si., QIA., CPSAK	1. 
2. PUTRI WULANDITYA, SE., MAK., CPSAK.	2. 
3. ERIDA HERLINA, SE., M.SI	3. 


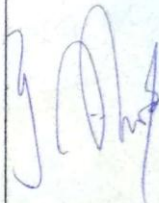


Yayasan Pendidikan Perbanas Jawa Timur
Sekolah Tinggi Ilmu Ekonomi Perbanas Surabaya
 Jalan Nginden Semolo 34-36 Surabaya, Telp. (031)5947151 - 52 / Fax. (031)5935937

DAFTAR PERBAIKAN SKRIPSI

Ujian ke - 1

Nama : IVANA KURNIATI
 N I M : 2015310619
 Program Pendidikan : S1 Akuntansi
 Hari, tanggal : Rabu, 28 Agustus 2019

	Halaman	ACC Penguji
Nursuci I Mei Murni : Tabel 4 +		
Dewi Murdiawati : - Kriteria bab 3 & 4 → hrs match - Teori grand masukkan pembahasan - Keterbatasan ≠ batasan		

Perubahan Judul : ADA / TIDAK ADA *)
 Judul Baru : _____

Mengetahui,
 Dosen Pembimbing


 ERIDA HERLINA, SE., M.Si

Tim Penguji,
 Sekretaris


 ERIDA HERLINA, SE., M.Si

HASIL TURNITIN

Feedback Studio - Google Chrome
feedback studio Ivana Kurniati Skripsi ha Siap Uj

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Page 1 of 111 Word Count: 10363 Text only Report High Resolution

Disetujui dan diterima baik oleh :

Dosen Pembimbing

Tanggal: 08 - 08 - 2019...

(Erida Herlina, S.E., M.Si)

Ketua Program Studi Sarjana Akuntansi

Tanggal: 08 - 08 - 2019...

(Dr. Nanang Shonhadji, S.E., M.Si., Ak., CA., CIBA., CMA)