

LAMPIRAN

Lampiran 1**Data Perusahaan Terdaftar di BEI**

NO	PERUSAHAAN TERDAFTAR DI BEI				
	2014	2015	2016	2017	2018
1	ADES	ADES	ADES	ADES	ADES
2	ADMG	ADMG	ADMG	ADMG	ADMG
3	AISA	AISA	AISA	AISA	AISA
4	AKKU	AKKU	AKKU	AKKU	AKKU
5	AKPI	AKPI	AKPI	AKPI	AKPI
6	ALDO	ALDO	ALDO	ALDO	ALDO
7	ALKA	ALKA	ALKA	ALKA	ALKA
8	ALMI	ALMI	ALMI	ALMI	ALMI
9	ALTO	ALTO	ALTO	ALTO	ALTO
10	AMFG	AMFG	AMFG	AMFG	AMFG
11	APLI	AMIN	AMIN	AMIN	AMIN
12	ARGO	APLI	APLI	APLI	APLI
13	ARNA	ARGO	ARGO	ARGO	ARGO
14	ASII	ARNA	ARNA	ARNA	ARNA
15	AUTO	ASII	ASII	ASII	ASII
16	BAJA	AUTO	AUTO	AUTO	AUTO
17	BATA	BAJA	BAJA	BAJA	BAJA
18	BIMA	BATA	BATA	BATA	BATA
19	BRAM	BIMA	BIMA	BIMA	BIMA
20	BRNA	BOLT	BOLT	BOLT	BOLT
21	BRPT	BRAM	BRAM	BRAM	BRAM
22	BTON	BRNA	BRNA	BRNA	BRNA
23	BUDI	BRPT	BRPT	BRPT	BRPT
24	CEKA	BTON	BTON	BTON	BTON
25	CINT	BUDI	BUDI	BUDI	BUDI
26	CNTX	CEKA	CEKA	CEKA	CEKA
27	CPIN	CINT	CINT	CINT	CINT
28	CTBN	CNTX	CNTX	CNTX	CNTX
29	DAJK	CPIN	CPIN	CPIN	CPIN
30	DLTA	CTBN	CTBN	CTBN	CTBN
31	DPNS	DAJK	DAJK	DAJK	DLTA
32	DVLA	DLTA	DLTA	DLTA	DPNS
33	EKAD	DPNS	DPNS	DPNS	DVLA
34	ERTX	DVLA	DVLA	DVLA	EKAD
35	ESTI	EKAD	EKAD	EKAD	ERTX
36	ETWA	ERTX	ERTX	ERTX	ESTI

NO	PERUSAHAAN TERDAFTAR DI BEI				
	2014	2015	2016	2017	2018
37	FASW	ESTI	ESTI	ESTI	ETWA
38	FPNI	ETWA	ETWA	ETWA	FASW
39	GDST	FASW	FASW	FASW	FPNI
40	GDYR	FPNI	FPNI	FPNI	GDST
41	GGRM	GDST	GDST	GDST	GDYR
42	GJTL	GDYR	GDYR	GDYR	GGRM
43	HDTX	GGRM	GGRM	GGRM	GJTL
44	HMSP	GJTL	GJTL	GJTL	HDTX
45	ICBP	HDTX	HDTX	HDTX	HMSP
46	IGAR	HMSP	HMSP	HMSP	ICBP
47	IKAI	ICBP	ICBP	ICBP	IGAR
48	IKBI	IGAR	IGAR	IGAR	IKAI
49	IMAS	IKAI	IKAI	IKAI	IKBI
50	IMPC	IKBI	IKBI	IKBI	IMAS
51	INAF	IMAS	IMAS	IMAS	IMPC
52	INAI	IMPC	IMPC	IMPC	INAF
53	INCI	INAF	INAF	INAF	INAI
54	INDF	INAI	INAI	INAI	INCI
55	INDR	INCI	INCI	INCI	INDF
56	INDS	INDF	INDF	INDF	INDR
57	INKP	INDR	INDR	INDR	INDS
58	INRU	INDS	INDS	INDS	INKP
59	INTP	INKP	INKP	INKP	INRU
60	IPOL	INRU	INRU	INRU	INTP
61	ISSP	INTP	INTP	INTP	IPOL
62	ITMA	IPOL	IPOL	IPOL	ISSP
63	JECC	ISSP	ISSP	ISSP	JECC
64	JKSW	JECC	JECC	JECC	JKSW
65	JPFA	JKSW	JKSW	JKSW	JPFA
66	JPRS	JPFA	JPFA	JPFA	KAEF
67	KAEF	JPRS	JPRS	JPRS	KBLI
68	KBLI	KAEF	KAEF	KAEF	KBLM
69	KBLM	KBLI	KBLI	KBLI	KBRI
70	KBRI	KBLM	KBLM	KBLM	KDSI
71	KDSI	KBRI	KBRI	KBRI	KIAS
72	KIAS	KDSI	KDSI	KDSI	KICI
73	KICI	KIAS	KIAS	KIAS	KINO
74	KLBF	KICI	KICI	KICI	KLBF
75	KRAH	KINO	KINO	KINO	KRAH

NO	PERUSAHAAN TERDAFTAR DI BEI				
	2014	2015	2016	2017	2018
76	KRAS	KLBF	KLBF	KLBF	KRAS
77	LION	KRAH	KRAH	KRAH	LION
78	LMPI	KRAS	KRAS	KRAS	LMPI
79	LMSH	LION	LION	LION	LMSH
80	LPIN	LMPI	LMPI	LMPI	LPIN
81	MAIN	LMSH	LMSH	LMSH	MAIN
82	MASA	LPIN	LPIN	LPIN	MASA
83	MBTO	MAIN	MAIN	MAIN	MBTO
84	MERK	MASA	MASA	MASA	MERK
85	MLBI	MBTO	MBTO	MBTO	MLBI
86	MLIA	MERK	MERK	MERK	MLIA
87	MRAT	MLBI	MLBI	MLBI	MRAT
88	MYOR	MLIA	MLIA	MLIA	MYOR
89	MYRX	MRAT	MRAT	MRAT	MYRX
90	MYTX	MYOR	MYOR	MYOR	MYTX
91	NIKL	MYRX	MYRX	MYRX	NIKL
92	NIPS	MYTX	MYTX	MYTX	NIPS
93	PBRX	NIKL	NIKL	NIKL	PBRX
94	PICO	NIPS	NIPS	NIPS	PICO
95	POLY	PBRX	PBRX	PBRX	POLY
96	PRAS	PICO	PICO	PICO	PRAS
97	PSDN	POLY	POLY	POLY	PSDN
98	PTSN	PRAS	PRAS	PRAS	PTSN
99	PYFA	PSDN	PSDN	PSDN	PYFA
100	RICY	PTSN	PTSN	PTSN	RICY
101	RMBA	PYFA	PYFA	PYFA	RMBA
102	ROTI	RICY	RICY	RICY	ROTI
103	SCCO	RMBA	RMBA	RMBA	SCCO
104	SCPI	ROTI	ROTI	ROTI	SCPI
105	SIAP	SCCO	SCCO	SCCO	SIAP
106	SIDO	SCPI	SCPI	SCPI	SIDO
107	SIMA	SIAP	SIAP	SIAP	SIMA
108	SIPD	SIDO	SIDO	SIDO	SIPD
109	SKBM	SIMA	SIMA	SIMA	SKBM
110	SKLT	SIPD	SIPD	SIPD	SKLT
111	SMBR	SKBM	SKBM	SKBM	SMBR
112	SMCB	SKLT	SKLT	SKLT	SMCB
113	SMGR	SMBR	SMBR	SMBR	SMGR
114	SMSM	SMCB	SMCB	SMCB	SMSM

NO	PERUSAHAAN TERDAFTAR DI BEI				
	2014	2015	2016	2017	2018
115	SPMA	SMGR	SMGR	SMGR	SPMA
116	SQBI	SMSM	SMSM	SMSM	SRIL
117	SRIL	SPMA	SPMA	SPMA	SRSN
118	SRSN	SQBI	SQBI	SRIL	SSTM
119	SSTM	SRIL	SRIL	SRSN	STAR
120	STAR	SRSN	SRSN	SSTM	STTP
121	STTP	SSTM	SSTM	STAR	SULI
122	SULI	STAR	STAR	SULI	TALF
123	TALF	STTP	STTP	TALF	TBMS
124	TCID	SULI	SULI	TBMS	TCID
125	TIRT	TALF	TALF	TCID	TFCO
126	TKIM	TBMS	TBMS	TFCO	TIRT
127	TOTO	TCID	TCID	TIRT	TKIM
128	TPIA	TFCO	TFCO	TKIM	TOTO
129	TRIS	TIRT	TIRT	TOTO	TPIA
130	TRST	TKIM	TKIM	TPIA	TRIS
131	TSPC	TOTO	TOTO	TRIS	TRST
132	ULTJ	TPIA	TPIA	TRST	TSPC
133	UNIC	TRIS	TRIS	TSPC	ULTJ
134	UNIT	TRST	TRST	ULTJ	UNIC
135	UNTX	TSPC	TSPC	UNIC	UNIT
136	UNVR	ULTJ	ULTJ	UNIT	UNVR
137	VOKS	UNIC	UNIC	UNVR	VOKS
138	WIIM	UNIT	UNIT	VOKS	WIIM
139	WTON	UNVR	UNVR	WIIM	WSBP
140		VOKS	VOKS	WSBP	YPAS
141		WIIM	WIIM	WTON	
142		WTON	WSBP		
143			YPAS		

Data Perusahaan Tidak Laba

NO	PERUSAHAAN TIDAK LABA				
	2014	2015	2016	2017	2018
1	ADMG	ADMG	ADMG	ADMG	ADMG
2	AKKU	AKKU	ALMI	AISA	AKKU
3	ALMI	ALKA	ALTO	AKKU	ALMI
4	ALTO	ALMI	ARGO	ALMI	ALTO
5	ARGO	ALTO	BAJA	ALTO	APLI
6	BAJA	ARGO	BTON	ARGO	ARGO
7	BRPT	BAJA	BUDI	BAJA	BAJA
8	ESTI	BIMA	CNTX	BRNA	BRNA
9	ETWA	BRNA	CTBN	CNTX	CNTX
10	FPNO	CBTX	DAJK	CTBN	CTBN
11	GDST	DAJK	ETWA	ERTX	ETWA
12	HDTX	ESTI	HDTX	ESTI	GDST
13	IKAI	ETWA	IKAI	ETWA	GJTL
14	IMAS	FASW	IMAS	FPNI	HDTX
15	JKSW	GDST	INAF	GDST	INAF
16	JPRS	GDYR	JKSW	GDYR	JKSW
17	KBRI	GJTL	JPRS	HDTX	KBRI
18	KRAS	HDTX	KBRI	IKAI	KIAS
19	LPIN	IKAI	KIAS	IMAS	KICI
20	MAIN	IMAS	KRAS	INAF	KRAH
21	MYTX	INRU	LPIN	JKSW	KRAS
22	NIKL	JKSW	MASA	JPRS	LMPI
23	POLY	JPRS	MRAT	KBRI	MASA
24	PSDN	KBRI	MYTX	KIAS	MBTO
25	PTSN	KIAS	POLY	KRAH	MRAT
26	RMBA	KICI	PRAS	KRAS	MYTX
27	SCPI	KRAH	RMBA	LMPI	NIKL
28	SIAP	KRAS	SIAP	MASA	PSDN
29	SSTM	LPIN	SMCB	MBTO	RMBA
30	VOKS	MAIN	SSTM	MRAT	SIAP
31		MASA	YPAS	MYRX	SIMA
32		MBTO		MYTX	SMCB
33		MLIA		POLY	TFCO
34		MYTX		PRAS	TIRT
35		NIKL		RMBA	YPAS
36		POLY		SIAP	
37		PSDN		SIPD	
38		RMBA		SMCB	

NO	PERUSAHAAN TIDAK LABA				
	2014	2015	2016	2017	2018
39		SIAP		SSTM	
40		SIMA			
41		SIPD			
42		SPMA			
43		SSTM			
44		TFCO			
45		TIRT			
46		UNIC			

Data Perusahaan Tidak Memiliki Laporan Keuangan Lengkap

PERUSAHAAN TIDAK MEMILIKI LK LENGKAP			
NO	PERUSAHAAN	TAHUN	ALASAN
1	AISA	2018	tdk mengeluarkan LK (suspen)
2	DAJK	2017	tidak ada LK (sudah berniat mengundurkan diri sejak nov 2017)
3	INRU	2014	tidak memiliki piutang
4		2016	tidak memiliki piutang
5		2017	tidak memiliki piutang
6		2018	tidak memiliki piutang
7	ITMA	2014	tidak memiliki persediaan
8	SCPI	2017	tidak ada LK (sudah berniat delisting sejak 2014, tetapi saham blm kembali semua)
9		2018	tidak ada LK (sudah berniat delisting sejak 2014, tetapi saham blm kembali semua)
10	SIMA	2016	tidak memiliki piutang
11		2017	tidak memiliki piutang
12	SQBI	2014	tidak mengeluarkan LK (delisted 2017)
13		2015	tidak mengeluarkan LK (delisted 2017)
14		2016	tidak mengeluarkan LK (delisted 2017)

Data Perusahaan Outlier

NO	PERUSAHAAN OUTLIER				
	2014	2015	2016	2017	2018
1	HMSP	MYRX	STTP	LPIN	MERK
2	ALKA	ICBP	ALKA	MLBI	CEKA
3	ARNA	HMSP	GGRM	GGRM	IKAI
4		GGRM	SPMA	ALKA	MYRX
5		ARNA	HMSP		GGRM
6			TBMS		ALKA
7					ROTI

Data Profitabilitas (ROA)

NO	TAHUN	KODE PERUSAHAAN	PROFITABILITAS (ROA)
1	2014	ADES	0.0614
2	2015	ADES	0.0503
3	2016	ADES	0.0729
4	2017	ADES	0.0455
5	2018	ADES	0.0601
6	2014	AISA	0.0513
7	2015	AISA	0.0412
8	2016	AISA	0.0777
9	2016	AKKU	0.0192
10	2014	AKPI	0.0156
11	2015	AKPI	0.0096
12	2016	AKPI	0.0200
13	2017	AKPI	0.0049
14	2018	AKPI	0.0209
15	2014	ALDO	0.0590
16	2015	ALDO	0.0658
17	2016	ALDO	0.0615
18	2017	ALDO	0.0582
19	2018	ALDO	0.0808
20	2014	AMFG	0.1176
21	2015	AMFG	0.0799
22	2016	AMFG	0.0473
23	2017	AMFG	0.0062
24	2018	AMFG	0.0008
25	2015	AMIN	0.0583
26	2016	AMIN	0.0943
27	2017	AMIN	0.1278
28	2018	AMIN	0.1083
29	2014	APLI	0.0352
30	2015	APLI	0.0060
31	2016	APLI	0.0798
32	2017	APLI	0.0310
33	2016	ARNA	0.0592
34	2017	ARNA	0.0763
35	2018	ARNA	0.0957
36	2014	ASII	0.0937
37	2015	ASII	0.0636

NO	TAHUN	KODE PERUSAHAAN	PROFITABILITAS (ROA)
38	2016	ASII	0.0699
39	2017	ASII	0.0784
40	2018	ASII	0.0794
41	2014	AUTO	0.0665
42	2015	AUTO	0.0225
43	2016	AUTO	0.0331
44	2017	AUTO	0.0371
45	2018	AUTO	0.0428
46	2014	BATA	0.0913
47	2015	BATA	0.1629
48	2016	BATA	0.0525
49	2017	BATA	0.0627
50	2018	BATA	0.0775
51	2014	BIMA	0.2044
52	2016	BIMA	0.2729
53	2017	BIMA	0.1932
54	2018	BIMA	0.1707
55	2015	BOLT	0.1063
56	2016	BOLT	0.1156
57	2017	BOLT	0.0784
58	2018	BOLT	0.0577
59	2014	BRAM	0.0515
60	2015	BRAM	0.0431
61	2016	BRAM	0.0753
62	2017	BRAM	0.0807
63	2018	BRAM	0.0654
64	2014	BRNA	0.0427
65	2016	BRNA	0.0061
66	2015	BRPT	0.0023
67	2016	BRPT	0.1088
68	2017	BRPT	0.0546
69	2018	BRPT	0.0344
70	2014	BTON	0.0438
71	2015	BTON	0.0345
72	2017	BTON	0.0620
73	2018	BTON	0.1280
74	2014	BUDI	0.0115
75	2015	BUDI	0.0065
76	2017	BUDI	0.0155
77	2018	BUDI	0.0149

NO	TAHUN	KODE PERUSAHAAN	PROFITABILITAS (ROA)
78	2014	CEKA	0.0319
79	2015	CEKA	0.0717
80	2016	CEKA	0.1751
81	2017	CEKA	0.0771
82	2014	CINT	0.0695
83	2015	CINT	0.0770
84	2016	CINT	0.0516
85	2017	CINT	0.0622
86	2018	CINT	0.0276
87	2014	CNTX	0.0093
88	2014	CPIN	0.0837
89	2015	CPIN	0.0742
90	2016	CPIN	0.0930
91	2017	CPIN	0.1018
92	2018	CPIN	0.1646
93	2014	CTBN	0.0980
94	2015	CTBN	0.0353
95	2014	DAJK	0.0476
96	2014	DLTA	0.2904
97	2015	DLTA	0.1850
98	2016	DLTA	0.2125
99	2017	DLTA	0.2087
100	2018	DLTA	0.2219
101	2014	DPNS	0.0540
102	2015	DPNS	0.0359
103	2016	DPNS	0.0338
104	2017	DPNS	0.0193
105	2018	DPNS	0.0291
106	2014	DVLA	0.0655
107	2015	DVLA	0.0784
108	2016	DVLA	0.0993
109	2017	DVLA	0.0989
110	2018	DVLA	0.1192
111	2014	EKAD	0.0999
112	2015	EKAD	0.0783
113	2016	EKAD	0.1291
114	2017	EKAD	0.0956
115	2018	EKAD	0.0868
116	2014	ERTX	0.0004
117	2015	ERTX	0.0994

NO	TAHUN	KODE PERUSAHAAN	PROFITABILITAS (ROA)
118	2016	ERTX	0.0296
119	2018	ERTX	0.0169
120	2016	ESTI	0.0633
121	2018	ESTI	0.0228
122	2014	FASW	0.0155
123	2016	FASW	0.0906
124	2017	FASW	0.0636
125	2018	FASW	0.1282
126	2015	FPNI	0.0128
127	2016	FPNI	0.0106
128	2018	FPNI	0.0313
129	2016	GDST	0.0252
130	2014	GDYR	0.0218
131	2016	GDYR	0.0147
132	2018	GDYR	0.0040
133	2014	GGRM	0.0933
134	2014	GJTL	0.0168
135	2016	GJTL	0.0335
136	2017	GJTL	0.0025
137	2017	HMSP	0.2937
138	2018	HMSP	0.2905
139	2014	ICBP	0.1016
140	2016	ICBP	0.1256
141	2017	ICBP	0.1121
142	2018	ICBP	0.1356
143	2014	IGAR	0.1569
144	2015	IGAR	0.1339
145	2016	IGAR	0.1577
146	2017	IGAR	0.1411
147	2018	IGAR	0.0783
148	2014	IKBI	0.0319
149	2015	IKBI	0.0284
150	2016	IKBI	0.0520
151	2017	IKBI	0.0603
152	2018	IKBI	0.0152
153	2018	IMAS	0.0008
154	2014	IMPC	0.1669
155	2015	IMPC	0.0775
156	2016	IMPC	0.0553
157	2017	IMPC	0.0398

NO	TAHUN	KODE PERUSAHAAN	PROFITABILITAS (ROA)
158	2018	IMPC	0.0445
159	2014	INAF	0.0009
160	2015	INAF	0.0043
161	2014	INAI	0.0246
162	2015	INAI	0.0215
163	2016	INAI	0.0266
164	2017	INAI	0.0318
165	2018	INAI	0.0289
166	2014	INCI	0.0747
167	2015	INCI	0.1000
168	2016	INCI	0.0371
169	2017	INCI	0.0545
170	2018	INCI	0.0426
171	2014	INDF	0.0511
172	2015	INDF	0.0352
173	2016	INDF	0.0591
174	2017	INDF	0.0582
175	2018	INDF	0.0514
176	2014	INDR	0.0054
177	2015	INDR	0.0126
178	2016	INDR	0.0017
179	2017	INDR	0.0022
180	2018	INDR	0.0774
181	2014	INDS	0.0559
182	2015	INDS	0.0008
183	2016	INDS	0.0200
184	2017	INDS	0.0467
185	2018	INDS	0.0446
186	2014	INKP	0.0194
187	2015	INKP	0.0316
188	2016	INKP	0.0295
189	2017	INKP	0.0541
190	2018	INKP	0.0672
191	2014	INTP	0.1826
192	2015	INTP	0.1576
193	2016	INTP	0.1284
194	2017	INTP	0.0644
195	2018	INTP	0.0412
196	2014	IPOL	0.0144
197	2015	IPOL	0.0095

NO	TAHUN	KODE PERUSAHAAN	PROFITABILITAS (ROA)
198	2016	IPOL	0.0230
199	2017	IPOL	0.0086
200	2018	IPOL	0.0174
201	2014	ISSP	0.0395
202	2015	ISSP	0.0292
203	2016	ISSP	0.0170
204	2017	ISSP	0.0014
205	2018	ISSP	0.0075
206	2014	JECC	0.0224
207	2015	JECC	0.0018
208	2016	JECC	0.0834
209	2017	JECC	0.0432
210	2018	JECC	0.0425
211	2014	JPFA	0.0245
212	2015	JPFA	0.3056
213	2016	JPFA	0.1128
214	2017	JPFA	0.0525
215	2018	JPFA	0.0978
216	2014	KAEF	0.0856
217	2015	KAEF	0.0782
218	2016	KAEF	0.0589
219	2017	KAEF	0.0544
220	2018	KAEF	0.0425
221	2014	KBLI	0.0524
222	2015	KBLI	0.0743
223	2016	KBLI	0.1787
224	2017	KBLI	0.1191
225	2018	KBLI	0.0726
226	2014	KBLM	0.0316
227	2015	KBLM	0.0195
228	2016	KBLM	0.0332
229	2017	KBLM	0.0356
230	2018	KBLM	0.0313
231	2014	KDSI	0.0476
232	2015	KDSI	0.0097
233	2016	KDSI	0.0413
234	2017	KDSI	0.0519
235	2018	KDSI	0.0552
236	2014	KIAS	0.0392
237	2014	KICI	0.0486

NO	TAHUN	KODE PERUSAHAAN	PROFITABILITAS (ROA)
238	2016	KICI	0.0026
239	2017	KICI	0.0532
240	2015	KINO	0.0819
241	2016	KINO	0.0551
242	2017	KINO	0.0339
243	2018	KINO	0.0418
244	2014	KLBF	0.1707
245	2015	KLBF	0.1502
246	2016	KLBF	0.1544
247	2017	KLBF	0.1476
248	2018	KLBF	0.1376
249	2014	KRAH	0.0662
250	2016	KRAH	0.0014
251	2014	LION	0.0817
252	2015	LION	0.0720
253	2016	LION	0.0617
254	2017	LION	0.0136
255	2018	LION	0.0211
256	2014	LMPI	0.0022
257	2015	LMPI	0.0050
258	2016	LMPI	0.0086
259	2014	LMSH	0.0529
260	2015	LMSH	0.0145
261	2016	LMSH	0.0384
262	2017	LMSH	0.0805
263	2018	LMSH	0.0180
264	2018	LPIN	0.1086
265	2016	MAIN	0.0740
266	2017	MAIN	0.0120
267	2018	MAIN	0.0656
268	2014	MASA	0.0008
269	2014	MBTO	0.0047
270	2016	MBTO	0.0124
271	2014	MERK	0.2532
272	2015	MERK	0.2222
273	2016	MERK	0.2068
274	2017	MERK	0.1708
275	2014	MLBI	0.3563
276	2015	MLBI	0.2365
277	2016	MLBI	0.4317

NO	TAHUN	KODE PERUSAHAAN	PROFITABILITAS (ROA)
278	2018	MLBI	0.4239
279	2014	MLIA	0.0173
280	2016	MLIA	0.0012
281	2017	MLIA	0.0092
282	2018	MLIA	0.0359
283	2014	MRAT	0.0148
284	2015	MRAT	0.0021
285	2014	MYOR	0.0398
286	2015	MYOR	0.1102
287	2016	MYOR	0.1075
288	2017	MYOR	0.1093
289	2018	MYOR	0.1001
290	2014	MYRX	0.0002
291	2016	MYRX	0.0081
292	2016	NIKL	0.0211
293	2017	NIKL	0.0108
294	2014	NIPS	0.0415
295	2015	NIPS	0.0198
296	2016	NIPS	0.0369
297	2017	NIPS	0.0232
298	2018	NIPS	0.0015
299	2014	PBRX	0.0276
300	2015	PBRX	0.0195
301	2016	PBRX	0.0256
302	2017	PBRX	0.0136
303	2018	PBRX	0.0281
304	2014	PICO	0.0258
305	2015	PICO	0.0247
306	2016	PICO	0.0215
307	2017	PICO	0.0234
308	2018	PICO	0.0184
309	2018	POLY	0.0539
310	2014	PRAS	0.0088
311	2015	PRAS	0.0042
312	2018	PRAS	0.0039
313	2016	PSDM	0.0561
314	2017	PSDM	0.0465
315	2015	PTSN	0.0017
316	2016	PTSN	0.0182
317	2017	PTSN	0.0073

NO	TAHUN	KODE PERUSAHAAN	PROFITABILITAS (ROA)
318	2018	PTSN	0.0417
319	2014	PYFA	0.0154
320	2015	PYFA	0.0193
321	2016	PYFA	0.0308
322	2017	PYFA	0.0447
323	2018	PYFA	0.0452
324	2014	RICY	0.0129
325	2015	RICY	0.0112
326	2016	RICY	0.0109
327	2017	RICY	0.0120
328	2018	RICY	0.0120
329	2014	ROTI	0.0880
330	2015	ROTI	0.1000
331	2016	ROTI	0.0958
332	2017	ROTI	0.0297
333	2014	SCCO	0.0831
334	2015	SCCO	0.0897
335	2016	SCCO	0.1390
336	2017	SCCO	0.0672
337	2018	SCCO	0.0610
338	2015	SCPI	0.0922
339	2016	SCPI	0.0967
340	2014	SIDO	0.1415
341	2015	SIDO	0.1551
342	2016	SIDO	0.1719
343	2017	SIDO	0.1690
344	2018	SIDO	0.1989
345	2014	SIMA	0.0220
346	2014	SIPD	0.0013
347	2016	SIPD	0.0051
348	2018	SIPD	0.0119
349	2014	SKBM	0.1372
350	2015	SKBM	0.0525
351	2016	SKBM	0.0225
352	2017	SKBM	0.0159
353	2018	SKBM	0.0090
354	2014	SKLT	0.0497
355	2015	SKLT	0.0532
356	2016	SKLT	0.0363
357	2017	SKLT	0.0361

NO	TAHUN	KODE PERUSAHAAN	PROFITABILITAS (ROA)
358	2018	SKLT	0.0428
359	2014	SMBR	0.1122
360	2015	SMBR	0.1084
361	2016	SMBR	0.0593
362	2017	SMBR	0.0290
363	2018	SMBR	0.0137
364	2014	SMCB	0.0389
365	2015	SMCB	0.0101
366	2014	SMGR	0.1624
367	2015	SMGR	0.1186
368	2016	SMGR	0.1025
369	2017	SMGR	0.0417
370	2018	SMGR	0.0603
371	2014	SMSM	0.2409
372	2015	SMSM	0.2078
373	2016	SMSM	0.2227
374	2017	SMSM	0.2273
375	2018	SMSM	0.2262
376	2014	SPMA	0.0232
377	2017	SPMA	0.0424
378	2018	SPMA	0.0360
379	2014	SRIL	0.0723
380	2015	SRIL	0.0711
381	2016	SRIL	0.0627
382	2017	SRIL	0.0570
383	2018	SRIL	0.0620
384	2014	SRSN	0.0312
385	2015	SRSN	0.0270
386	2016	SRSN	0.0154
387	2017	SRSN	0.0271
388	2018	SRSN	0.0564
389	2018	SSTM	0.0020
390	2014	STAR	0.0004
391	2015	STAR	0.0004
392	2016	STAR	0.0007
393	2017	STAR	0.0010
394	2018	STAR	0.0003
395	2014	STTP	0.0726
396	2015	STTP	0.0967
397	2018	STTP	0.0969

NO	TAHUN	KODE PERUSAHAAN	PROFITABILITAS (ROA)
398	2014	SULI	0.0028
399	2015	SULI	0.0036
400	2016	SULI	0.0042
401	2017	SULI	0.0163
402	2018	SULI	0.0323
403	2014	TALF	0.1336
404	2015	TALF	0.0777
405	2016	TALF	0.0342
406	2017	TALF	0.0233
407	2018	TALF	0.0447
408	2015	TBMS	0.0166
409	2017	TBMS	0.0460
410	2018	TBMS	0.0334
411	2014	TCID	0.0941
412	2015	TCID	0.2615
413	2016	TCID	0.0742
414	2017	TCID	0.0758
415	2018	TCID	0.0708
416	2016	TFCO	0.0193
417	2017	TFCO	0.0099
418	2014	TIRT	0.0324
419	2016	TIRT	0.0355
420	2017	TIRT	0.0012
421	2014	TKIM	0.0076
422	2015	TKIM	0.0005
423	2016	TKIM	0.0031
424	2017	TKIM	0.0106
425	2018	TKIM	0.0829
426	2014	TOTO	0.1449
427	2015	TOTO	0.1169
428	2016	TOTO	0.0653
429	2017	TOTO	0.0987
430	2018	TOTO	0.1197
431	2014	TPIA	0.0095
432	2015	TPIA	0.0141
433	2016	TPIA	0.1410
434	2017	TPIA	0.1068
435	2018	TPIA	0.0574
436	2014	TRIS	0.0685
437	2015	TRIS	0.0769

NO	TAHUN	KODE PERUSAHAAN	PROFITABILITAS (ROA)
438	2016	TRIS	0.0394
439	2017	TRIS	0.0261
440	2018	TRIS	0.0311
441	2014	TRST	0.0092
442	2015	TRST	0.0075
443	2016	TRST	0.1054
444	2017	TRST	0.0115
445	2018	TRST	0.0147
446	2014	TSPC	0.1045
447	2015	TSPC	0.0842
448	2016	TSPC	0.0828
449	2017	TSPC	0.0750
450	2018	TSPC	0.0687
451	2014	ULTJ	0.0971
452	2015	ULTJ	0.1478
453	2016	ULTJ	0.1674
454	2017	ULTJ	0.1372
455	2018	ULTJ	0.1263
456	2014	UNIC	0.0109
457	2016	UNIC	0.0931
458	2017	UNIC	0.0533
459	2018	UNIC	0.0731
460	2014	UNIT	0.0009
461	2015	UNIT	0.0008
462	2016	UNIT	0.0020
463	2017	UNIT	0.0025
464	2018	UNIT	0.0012
465	2014	UNTX	0.0279
466	2014	UNVR	0.4150
467	2015	UNVR	0.3720
468	2016	UNVR	0.3816
469	2017	UNVR	0.3705
470	2018	UNVR	0.4666
471	2015	VOKS	0.0002
472	2016	VOKS	0.0959
473	2017	VOKS	0.0788
474	2018	VOKS	0.0424
475	2014	WIIM	0.0843
476	2015	WIIM	0.0976
477	2016	WIIM	0.0785

NO	TAHUN	KODE PERUSAHAAN	PROFITABILITAS (ROA)
478	2017	WIIM	0.0331
479	2018	WIIM	0.0407
480	2016	WSBP	0.0462
481	2017	WSBP	0.0670
482	2018	WSBP	0.0725
483	2014	WTON	0.0848
484	2015	WTON	0.0386
485	2017	WTON	0.0482

Data Perputaran Kas

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN KAS
1	2014	ADES	22.1824
2	2015	ADES	25.1852
3	2016	ADES	29.8957
4	2017	ADES	26.7823
5	2018	ADES	12.5889
6	2014	AISA	6.7051
7	2015	AISA	6.6600
8	2016	AISA	14.8019
9	2016	AKKU	22.3499
10	2014	AKPI	26.3337
11	2015	AKPI	37.6172
12	2016	AKPI	28.4322
13	2017	AKPI	28.4148
14	2018	AKPI	54.7394
15	2014	ALDO	58.5258
16	2015	ALDO	59.5885
17	2016	ALDO	75.3843
18	2017	ALDO	78.1504
19	2018	ALDO	74.4762
20	2014	AMFG	3.7299
21	2015	AMFG	3.5956
22	2016	AMFG	5.9462
23	2017	AMFG	11.6512
24	2018	AMFG	13.8242
25	2015	AMIN	78.8689
26	2016	AMIN	196.3800
27	2017	AMIN	281.4564
28	2018	AMIN	68.2465
29	2014	APLI	14.8732
30	2015	APLI	95.1183
31	2016	APLI	122.6115
32	2017	APLI	126.5285
33	2016	ARNA	365.6530
34	2017	ARNA	55.2817
35	2018	ARNA	15.6253
36	2014	ASII	10.2233
37	2015	ASII	7.6742
38	2016	ASII	6.4147

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN KAS
39	2017	ASII	6.7636
40	2018	ASII	8.4276
41	2014	AUTO	8.9173
42	2015	AUTO	10.4077
43	2016	AUTO	13.5344
44	2017	AUTO	16.9952
45	2018	AUTO	19.5681
46	2014	BATA	275.5033
47	2015	BATA	56.5268
48	2016	BATA	52.4763
49	2017	BATA	153.8373
50	2018	BATA	170.8586
51	2014	BIMA	26.1776
52	2016	BIMA	7.6082
53	2017	BIMA	8.6945
54	2018	BIMA	12.4678
55	2015	BOLT	19.0259
56	2016	BOLT	11.0413
57	2017	BOLT	17.5202
58	2018	BOLT	46.1018
59	2014	BRAM	49.2497
60	2015	BRAM	29.0051
61	2016	BRAM	33.9184
62	2017	BRAM	53.4784
63	2018	BRAM	45.8996
64	2014	BRNA	13.9133
65	2016	BRNA	10.2307
66	2015	BRPT	8.6773
67	2016	BRPT	9.5307
68	2017	BRPT	4.7037
69	2018	BRPT	3.6038
70	2014	BTON	1.4020
71	2015	BTON	0.7372
72	2017	BTON	0.7719
73	2018	BTON	0.8855
74	2014	BUDI	51.7229
75	2015	BUDI	72.4505
76	2017	BUDI	20.0866
77	2018	BUDI	44.2808
78	2014	CEKA	129.1534

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN KAS
79	2015	CEKA	180.9230
80	2016	CEKA	261.3093
81	2017	CEKA	254.2382
82	2014	CINT	4.8031
83	2015	CINT	4.5087
84	2016	CINT	5.2450
85	2017	CINT	5.5361
86	2018	CINT	6.5833
87	2014	CNTX	82.1848
88	2014	CPIN	28.6957
89	2015	CPIN	23.4840
90	2016	CPIN	18.2885
91	2017	CPIN	22.9729
92	2018	CPIN	23.4773
93	2014	CTBN	5.0990
94	2015	CTBN	3.4968
95	2014	DAJK	9.8955
96	2014	DLTA	2.0714
97	2015	DLTA	1.5373
98	2016	DLTA	1.3436
99	2017	DLTA	1.0337
100	2018	DLTA	0.9875
101	2014	DPNS	1.9423
102	2015	DPNS	1.3817
103	2016	DPNS	1.0226
104	2017	DPNS	1.1348
105	2018	DPNS	1.9806
106	2014	DVLA	3.4572
107	2015	DVLA	3.5105
108	2016	DVLA	3.6529
109	2017	DVLA	3.8278
110	2018	DVLA	4.4905
111	2014	EKAD	45.6638
112	2015	EKAD	16.9435
113	2016	EKAD	7.8775
114	2017	EKAD	6.2161
115	2018	EKAD	6.5619
116	2014	ERTX	25.5411
117	2015	ERTX	34.9134
118	2016	ERTX	20.2820

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN KAS
119	2018	ERTX	60.4903
120	2016	ESTI	24.3632
121	2018	ESTI	74.5184
122	2014	FASW	77.2434
123	2016	FASW	40.8644
124	2017	FASW	28.6834
125	2018	FASW	30.9082
126	2015	FPNI	201.2024
127	2016	FPNI	144.7183
128	2018	FPNI	146.8250
129	2016	GDST	4.2474
130	2014	GDYR	16.9679
131	2016	GDYR	13.5560
132	2018	GDYR	10.1519
133	2014	GGRM	43.5703
134	2014	GJTL	8.8443
135	2016	GJTL	19.5119
136	2017	GJTL	19.4857
137	2017	HMSP	15.7815
138	2018	HMSP	9.2746
139	2014	ICBP	4.6658
140	2016	ICBP	4.3003
141	2017	ICBP	4.1479
142	2018	ICBP	5.6810
143	2014	IGAR	43.1214
144	2015	IGAR	16.5334
145	2016	IGAR	9.4416
146	2017	IGAR	6.1843
147	2018	IGAR	6.2341
148	2014	IKBI	48.8488
149	2015	IKBI	19.2700
150	2016	IKBI	6.0620
151	2017	IKBI	6.5458
152	2018	IKBI	11.9399
153	2018	IMAS	5.5582
154	2014	IMPC	7.1994
155	2015	IMPC	4.4663
156	2016	IMPC	3.5297
157	2017	IMPC	2.7221
158	2018	IMPC	4.3904

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN KAS
159	2014	INAF	10.7427
160	2015	INAF	7.2208
161	2014	INAI	75.9075
162	2015	INAI	23.4047
163	2016	INAI	20.4479
164	2017	INAI	34.2960
165	2018	INAI	17.1503
166	2014	INCI	2.1183
167	2015	INCI	2.6061
168	2016	INCI	3.4090
169	2017	INCI	6.0015
170	2018	INCI	7.5340
171	2014	INDF	4.5712
172	2015	INDF	5.8732
173	2016	INDF	6.3512
174	2017	INDF	5.1890
175	2018	INDF	6.5242
176	2014	INDR	49.5149
177	2015	INDR	37.2125
178	2016	INDR	30.2675
179	2017	INDR	37.5367
180	2018	INDR	29.3598
181	2014	INDS	9.1868
182	2015	INDS	19.6717
183	2016	INDS	11.1022
184	2017	INDS	8.0093
185	2018	INDS	9.1169
186	2014	INKP	27.1050
187	2015	INKP	19.4598
188	2016	INKP	14.2096
189	2017	INKP	7.5278
190	2018	INKP	4.8468
191	2014	INTP	1.6767
192	2015	INTP	1.7877
193	2016	INTP	1.6762
194	2017	INTP	1.6062
195	2018	INTP	1.9574
196	2014	IPOL	22.2611
197	2015	IPOL	15.5005
198	2016	IPOL	13.7516

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN KAS
199	2017	IPOL	15.8699
200	2018	IPOL	17.8749
201	2014	ISSP	21.2503
202	2015	ISSP	32.2317
203	2016	ISSP	116.5603
204	2017	ISSP	36.2965
205	2018	ISSP	22.1869
206	2014	JECC	335.1155
207	2015	JECC	44.7398
208	2016	JECC	17.5817
209	2017	JECC	19.6711
210	2018	JECC	39.7076
211	2014	JPFA	19.4549
212	2015	JPFA	29.9735
213	2016	JPFA	15.0249
214	2017	JPFA	13.6312
215	2018	JPFA	24.9264
216	2014	KAEF	9.3457
217	2015	KAEF	9.3979
218	2016	KAEF	10.4837
219	2017	KAEF	7.4848
220	2018	KAEF	5.0542
221	2014	KBLI	55.0554
222	2015	KBLI	113.1706
223	2016	KBLI	32.0463
224	2017	KBLI	21.3206
225	2018	KBLI	35.7455
226	2014	KBLM	34.8169
227	2015	KBLM	47.2430
228	2016	KBLM	26.1332
229	2017	KBLM	12.3633
230	2018	KBLM	14.8288
231	2014	KDSI	20.5388
232	2015	KDSI	18.9889
233	2016	KDSI	23.0945
234	2017	KDSI	29.6337
235	2018	KDSI	32.9529
236	2014	KIAS	3.5239
237	2014	KICI	22.4994
238	2016	KICI	34.3276

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN KAS
239	2017	KICI	20.5833
240	2015	KINO	10.1468
241	2016	KINO	6.7003
242	2017	KINO	1.7490
243	2018	KINO	2.0773
244	2014	KLBF	10.4596
245	2015	KLBF	7.7549
246	2016	KLBF	6.9019
247	2017	KLBF	7.1060
248	2018	KLBF	15.1186
249	2014	KRAH	26.5050
250	2016	KRAH	35.1663
251	2014	LION	2.0064
252	2015	LION	2.0761
253	2016	LION	1.8394
254	2017	LION	1.9240
255	2018	LION	2.7818
256	2014	LMPI	62.6438
257	2015	LMPI	54.8623
258	2016	LMPI	70.1399
259	2014	LMSH	5.9287
260	2015	LMSH	4.1915
261	2016	LMSH	4.5659
262	2017	LMSH	7.6056
263	2018	LMSH	8.9329
264	2018	LPIN	2.0782
265	2016	MAIN	15.6386
266	2017	MAIN	33.7941
267	2018	MAIN	41.9688
268	2014	MASA	7.3079
269	2014	MBTO	2.9181
270	2016	MBTO	36.5413
271	2014	MERK	3.9091
272	2015	MERK	4.9389
273	2016	MERK	8.1076
274	2017	MERK	13.3024
275	2014	MLBI	20.4780
276	2015	MLBI	10.9834
277	2016	MLBI	8.7272
278	2018	MLBI	13.7475

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN KAS
279	2014	MLIA	45.4903
280	2016	MLIA	107.2068
281	2017	MLIA	76.6159
282	2018	MLIA	67.5747
283	2014	MRAT	9.5162
284	2015	MRAT	11.8402
285	2014	MYOR	11.0119
286	2015	MYOR	12.3747
287	2016	MYOR	11.3791
288	2017	MYOR	11.1171
289	2018	MYOR	10.2441
290	2014	MYRX	4.4481
291	2016	MYRX	2.2933
292	2016	NIKL	8.8687
293	2017	NIKL	8.5238
294	2014	NIPS	50.3403
295	2015	NIPS	27.1083
296	2016	NIPS	21.6330
297	2017	NIPS	42.8820
298	2018	NIPS	33.1259
299	2014	PBRX	4.0738
300	2015	PBRX	4.1558
301	2016	PBRX	6.3462
302	2017	PBRX	6.9576
303	2018	PBRX	8.0462
304	2014	PICO	94.2263
305	2015	PICO	222.7883
306	2016	PICO	76.6378
307	2017	PICO	53.8110
308	2018	PICO	61.2872
309	2018	POLY	29.6414
310	2014	PRAS	17.7950
311	2015	PRAS	19.6702
312	2018	PRAS	8.8201
313	2016	PSDM	15.0619
314	2017	PSDM	19.1690
315	2015	PTSN	83.7861
316	2016	PTSN	51.4300
317	2017	PTSN	50.1666
318	2018	PTSN	77.5133

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN KAS
319	2014	PYFA	42.3717
320	2015	PYFA	65.4726
321	2016	PYFA	85.1924
322	2017	PYFA	255.6290
323	2018	PYFA	214.7036
324	2014	RICY	24.7359
325	2015	RICY	25.1774
326	2016	RICY	21.4674
327	2017	RICY	22.9379
328	2018	RICY	20.2267
329	2014	ROTI	14.2592
330	2015	ROTI	6.4161
331	2016	ROTI	4.4785
332	2017	ROTI	1.9881
333	2014	SCCO	18.0479
334	2015	SCCO	15.4909
335	2016	SCCO	5.7340
336	2017	SCCO	5.0946
337	2018	SCCO	8.8576
338	2015	SCPI	101.2098
339	2016	SCPI	61.9865
340	2014	SIDO	0.9928
341	2015	SIDO	1.3037
342	2016	SIDO	1.3968
343	2017	SIDO	1.3547
344	2018	SIDO	1.6172
345	2014	SIMA	0.8775
346	2014	SIPD	22.0709
347	2016	SIPD	10.7456
348	2018	SIPD	14.3512
349	2014	SKBM	13.6456
350	2015	SKBM	11.7107
351	2016	SKBM	14.8532
352	2017	SKBM	9.8702
353	2018	SKBM	7.1384
354	2014	SKLT	83.5295
355	2015	SKLT	99.6031
356	2016	SKLT	81.5112
357	2017	SKLT	70.5481
358	2018	SKLT	62.3320

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN KAS
359	2014	SMBR	0.6172
360	2015	SMBR	0.8842
361	2016	SMBR	1.9173
362	2017	SMBR	3.7682
363	2018	SMBR	4.1919
364	2014	SMCB	35.6824
365	2015	SMCB	21.6648
366	2014	SMGR	5.9995
367	2015	SMGR	6.0626
368	2016	SMGR	7.6883
369	2017	SMGR	8.5948
370	2018	SMGR	6.9089
371	2014	SMSM	30.8536
372	2015	SMSM	28.1952
373	2016	SMSM	26.2436
374	2017	SMSM	39.8778
375	2018	SMSM	57.0630
376	2014	SPMA	45.4695
377	2017	SPMA	15.6494
378	2018	SPMA	13.2397
379	2014	SRIL	12.6465
380	2015	SRIL	7.8366
381	2016	SRIL	9.8811
382	2017	SRIL	8.0903
383	2018	SRIL	8.0997
384	2014	SRSN	29.4415
385	2015	SRSN	27.6067
386	2016	SRSN	52.7663
387	2017	SRSN	88.6390
388	2018	SRSN	71.1792
389	2018	SSTM	143.7516
390	2014	STAR	25.8804
391	2015	STAR	41.8072
392	2016	STAR	28.4267
393	2017	STAR	3.5229
394	2018	STAR	3.9993
395	2014	STTP	222.6225
396	2015	STTP	268.0887
397	2018	STTP	42.1740
398	2014	SULI	22.4898

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN KAS
399	2015	SULI	21.3642
400	2016	SULI	20.4835
401	2017	SULI	19.3821
402	2018	SULI	21.1044
403	2014	TALF	5.2897
404	2015	TALF	4.2710
405	2016	TALF	6.3544
406	2017	TALF	11.6035
407	2018	TALF	19.6501
408	2015	TBMS	29.7420
409	2017	TBMS	60.6739
410	2018	TBMS	71.1273
411	2014	TCID	27.3296
412	2015	TCID	14.7089
413	2016	TCID	9.7515
414	2017	TCID	7.4134
415	2018	TCID	6.6157
416	2016	TFCO	18.9755
417	2017	TFCO	8.2281
418	2014	TIRT	27.6322
419	2016	TIRT	94.2832
420	2017	TIRT	39.9367
421	2014	TKIM	9.2731
422	2015	TKIM	11.0250
423	2016	TKIM	12.2995
424	2017	TKIM	8.5540
425	2018	TKIM	7.5922
426	2014	TOTO	12.2046
427	2015	TOTO	18.1531
428	2016	TOTO	13.1114
429	2017	TOTO	14.8136
430	2018	TOTO	14.5831
431	2014	TPIA	10.9381
432	2015	TPIA	9.0400
433	2016	TPIA	9.7591
434	2017	TPIA	4.2382
435	2018	TPIA	3.2413
436	2014	TRIS	12.5790
437	2015	TRIS	15.0474
438	2016	TRIS	11.6975

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN KAS
439	2017	TRIS	12.7728
440	2018	TRIS	51.4515
441	2014	TRST	33.5817
442	2015	TRST	27.8732
443	2016	TRST	35.3358
444	2017	TRST	53.1855
445	2018	TRST	33.1512
446	2014	TSPC	4.6192
447	2015	TSPC	5.1192
448	2016	TSPC	5.3404
449	2017	TSPC	5.2277
450	2018	TSPC	0.5205
451	2014	ULTJ	7.1156
452	2015	ULTJ	6.5659
453	2016	ULTJ	3.9536
454	2017	ULTJ	2.6798
455	2018	ULTJ	3.0706
456	2014	UNIC	61.5962
457	2016	UNIC	23.5499
458	2017	UNIC	22.4964
459	2018	UNIC	18.9504
460	2014	UNIT	38.7505
461	2015	UNIT	38.9878
462	2016	UNIT	39.2281
463	2017	UNIT	34.8675
464	2018	UNIT	53.4573
465	2014	UNTX	21.1780
466	2014	UNVR	61.6096
467	2015	UNVR	49.0612
468	2016	UNVR	79.9480
469	2017	UNVR	105.8400
470	2018	UNVR	110.5216
471	2015	VOKS	28.4836
472	2016	VOKS	26.1256
473	2017	VOKS	19.6085
474	2018	VOKS	14.4185
475	2014	WIIM	13.8166
476	2015	WIIM	22.0239
477	2016	WIIM	22.0654
478	2017	WIIM	24.7420

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN KAS
479	2018	WIIM	19.3193
480	2016	WSBP	2.1920
481	2017	WSBP	2.7145
482	2018	WSBP	6.8743
483	2014	WTON	4.5156
484	2015	WTON	2.8491
485	2017	WTON	10.9438

Data Perputaran Piutang

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PIUTANG
1	2014	ADES	6.3301
2	2015	ADES	5.8416
3	2016	ADES	6.3863
4	2017	ADES	5.5558
5	2018	ADES	5.9041
6	2014	AISA	4.5713
7	2015	AISA	3.6181
8	2016	AISA	5.7556
9	2016	AKKU	4.2521
10	2014	AKPI	4.7784
11	2015	AKPI	4.6580
12	2016	AKPI	4.9716
13	2017	AKPI	5.2199
14	2018	AKPI	4.8964
15	2014	ALDO	3.9805
16	2015	ALDO	3.6554
17	2016	ALDO	3.9524
18	2017	ALDO	3.7814
19	2018	ALDO	3.9925
20	2014	AMFG	10.0244
21	2015	AMFG	1.8849
22	2016	AMFG	1.9128
23	2017	AMFG	10.7025
24	2018	AMFG	11.5806
25	2015	AMIN	3.6406
26	2016	AMIN	6.3109
27	2017	AMIN	5.5332
28	2018	AMIN	5.1997
29	2014	APLI	6.3503
30	2015	APLI	6.2896
31	2016	APLI	8.8430
32	2017	APLI	7.9497
33	2016	ARNA	3.4659
34	2017	ARNA	3.5137
35	2018	ARNA	3.8373
36	2014	ASII	9.7973
37	2015	ASII	9.5694
38	2016	ASII	10.0293

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PIUTANG
39	2017	ASII	9.3034
40	2018	ASII	8.4568
41	2014	AUTO	7.6446
42	2015	AUTO	7.2592
43	2016	AUTO	8.0296
44	2017	AUTO	7.8250
45	2018	AUTO	8.1791
46	2014	BATA	27.5225
47	2015	BATA	31.5790
48	2016	BATA	30.5788
49	2017	BATA	28.5838
50	2018	BATA	29.6186
51	2014	BIMA	21.6936
52	2016	BIMA	11.1152
53	2017	BIMA	10.6421
54	2018	BIMA	11.6981
55	2015	BOLT	6.0254
56	2016	BOLT	6.5704
57	2017	BOLT	6.8962
58	2018	BOLT	13.0665
59	2014	BRAM	6.8196
60	2015	BRAM	7.1674
61	2016	BRAM	6.9918
62	2017	BRAM	6.3357
63	2018	BRAM	6.4914
64	2014	BRNA	6.5420
65	2016	BRNA	5.0634
66	2015	BRPT	18.2306
67	2016	BRPT	20.1732
68	2017	BRPT	12.5136
69	2018	BRPT	10.8090
70	2014	BTON	9.5196
71	2015	BTON	7.6301
72	2017	BTON	9.5194
73	2018	BTON	8.9273
74	2014	BUDI	3.8485
75	2015	BUDI	3.2984
76	2017	BUDI	6.3819
77	2018	BUDI	4.9225
78	2014	CEKA	12.3619

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PIUTANG
79	2015	CEKA	12.1192
80	2016	CEKA	15.1710
81	2017	CEKA	14.8802
82	2014	CINT	4.9206
83	2015	CINT	5.4796
84	2016	CINT	6.8095
85	2017	CINT	8.9234
86	2018	CINT	9.2470
87	2014	CNTX	5.5158
88	2014	CPIN	10.2960
89	2015	CPIN	9.7775
90	2016	CPIN	14.3949
91	2017	CPIN	21.1166
92	2018	CPIN	21.0061
93	2014	CTBN	3.8966
94	2015	CTBN	2.8363
95	2014	DAJK	2.2344
96	2014	DLTA	0.0082
97	2015	DLTA	0.0065
98	2016	DLTA	5.2240
99	2017	DLTA	5.2800
100	2018	DLTA	5.8916
101	2014	DPNS	9.4119
102	2015	DPNS	8.8608
103	2016	DPNS	9.3157
104	2017	DPNS	8.8739
105	2018	DPNS	8.8030
106	2014	DVLA	3.0309
107	2015	DVLA	3.4839
108	2016	DVLA	3.3741
109	2017	DVLA	6.5734
110	2018	DVLA	3.2506
111	2014	EKAD	7.7245
112	2015	EKAD	7.3906
113	2016	EKAD	7.4926
114	2017	EKAD	7.4375
115	2018	EKAD	7.5632
116	2014	ERTX	4.8746
117	2015	ERTX	8.1345
118	2016	ERTX	9.4429

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PIUTANG
119	2018	ERTX	9.2676
120	2016	ESTI	8.3962
121	2018	ESTI	9.5713
122	2014	FASW	6.4267
123	2016	FASW	6.5516
124	2017	FASW	5.9736
125	2018	FASW	6.1816
126	2015	FPNI	14.0872
127	2016	FPNI	15.3577
128	2018	FPNI	19.6926
129	2016	GDST	7.2797
130	2014	GDYR	14.1239
131	2016	GDYR	14.9024
132	2018	GDYR	18.7062
133	2014	GGRM	34.9676
134	2014	GJTL	6.3047
135	2016	GJTL	4.9151
136	2017	GJTL	4.7904
137	2017	HMSP	28.6373
138	2018	HMSP	30.0448
139	2014	ICBP	11.6590
140	2016	ICBP	9.9627
141	2017	ICBP	9.3795
142	2018	ICBP	9.6040
143	2014	IGAR	5.3663
144	2015	IGAR	4.9714
145	2016	IGAR	6.0457
146	2017	IGAR	5.5251
147	2018	IGAR	5.2744
148	2014	IKBI	4.2156
149	2015	IKBI	10.2715
150	2016	IKBI	7.6692
151	2017	IKBI	9.6349
152	2018	IKBI	8.8738
153	2018	IMAS	3.5176
154	2014	IMPC	8.2032
155	2015	IMPC	7.2108
156	2016	IMPC	6.7049
157	2017	IMPC	5.5654
158	2018	IMPC	5.6112

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PIUTANG
159	2014	INAF	5.8801
160	2015	INAF	8.2604
161	2014	INAI	4.8435
162	2015	INAI	4.1235
163	2016	INAI	2.6096
164	2017	INAI	2.0495
165	2018	INAI	2.7174
166	2014	INCI	6.6976
167	2015	INCI	6.2704
168	2016	INCI	4.8135
169	2017	INCI	4.6634
170	2018	INCI	4.9466
171	2014	INDF	15.3393
172	2015	INDF	16.4033
173	2016	INDF	15.0463
174	2017	INDF	14.5366
175	2018	INDF	14.0580
176	2014	INDR	8.9407
177	2015	INDR	9.6154
178	2016	INDR	8.1395
179	2017	INDR	7.4406
180	2018	INDR	7.8373
181	2014	INDS	5.7552
182	2015	INDS	5.1018
183	2016	INDS	5.3909
184	2017	INDS	6.0926
185	2018	INDS	6.0704
186	2014	INKP	13.1165
187	2015	INKP	6.9273
188	2016	INKP	4.2010
189	2017	INKP	4.0370
190	2018	INKP	3.3995
191	2014	INTP	7.7063
192	2015	INTP	6.8379
193	2016	INTP	5.9774
194	2017	INTP	5.6703
195	2018	INTP	5.5738
196	2014	IPOL	4.9921
197	2015	IPOL	4.8224
198	2016	IPOL	4.8157

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PIUTANG
199	2017	IPOL	4.2510
200	2018	IPOL	4.0649
201	2014	ISSP	4.0198
202	2015	ISSP	4.9563
203	2016	ISSP	4.9431
204	2017	ISSP	5.3236
205	2018	ISSP	6.4496
206	2014	JECC	3.0315
207	2015	JECC	3.5491
208	2016	JECC	4.1146
209	2017	JECC	4.2539
210	2018	JECC	6.0118
211	2014	JPFA	20.0483
212	2015	JPFA	20.4911
213	2016	JPFA	22.4461
214	2017	JPFA	21.5110
215	2018	JPFA	21.0386
216	2014	KAEF	8.5181
217	2015	KAEF	9.0824
218	2016	KAEF	9.1854
219	2017	KAEF	7.4724
220	2018	KAEF	8.3577
221	2014	KBLI	5.0482
222	2015	KBLI	5.3129
223	2016	KBLI	5.2775
224	2017	KBLI	5.0656
225	2018	KBLI	4.6395
226	2014	KBLM	4.2543
227	2015	KBLM	4.7626
228	2016	KBLM	6.2023
229	2017	KBLM	6.8309
230	2018	KBLM	4.7958
231	2014	KDSI	6.1057
232	2015	KDSI	5.4610
233	2016	KDSI	5.7149
234	2017	KDSI	5.7446
235	2018	KDSI	5.9287
236	2014	KIAS	3.2017
237	2014	KICI	2.7011
238	2016	KICI	7.4883

239	2017	KICI	6.7980
240	2015	KINO	5.2055
241	2016	KINO	3.7499
242	2017	KINO	3.5079
243	2018	KINO	3.9288
244	2014	KLBF	7.7328
245	2015	KLBF	7.6089
246	2016	KLBF	7.7715
247	2017	KLBF	7.3288
248	2018	KLBF	6.8736
249	2014	KRAH	3.3970
250	2016	KRAH	3.9572
251	2014	LION	5.3925
252	2015	LION	5.0580
253	2016	LION	4.7259
254	2017	LION	3.9684
255	2018	LION	3.7605
256	2014	LMPI	2.1465
257	2015	LMPI	1.8413
258	2016	LMPI	1.6428
259	2014	LMSH	10.2909
260	2015	LMSH	7.7629
261	2016	LMSH	7.8484
262	2017	LMSH	12.1309
263	2018	LMSH	12.6794
264	2018	LPIN	3.9984
265	2016	MAIN	12.2112
266	2017	MAIN	12.6632
267	2018	MAIN	17.0303
268	2014	MASA	9.0221
269	2014	MBTO	2.3120
270	2016	MBTO	2.0059
271	2014	MERK	6.1693
272	2015	MERK	6.4503
273	2016	MERK	6.6608
274	2017	MERK	6.4199
275	2014	MLBI	8.4438
276	2015	MLBI	9.1119
277	2016	MLBI	13.0702
278	2018	MLBI	6.1961
279	2014	MLIA	21.3373

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PIUTANG
280	2016	MLIA	12.7194
281	2017	MLIA	11.7078
282	2018	MLIA	10.5042
283	2014	MRAT	2.3427
284	2015	MRAT	1.9180
285	2014	MYOR	4.8503
286	2015	MYOR	4.6202
287	2016	MYOR	4.7461
288	2017	MYOR	4.1187
289	2018	MYOR	4.2522
290	2014	MYRX	5.1291
291	2016	MYRX	12.3520
292	2016	NIKL	3.4406
293	2017	NIKL	3.4581
294	2014	NIPS	3.5087
295	2015	NIPS	3.0674
296	2016	NIPS	3.2384
297	2017	NIPS	3.2393
298	2018	NIPS	2.5035
299	2014	PBRX	6.9708
300	2015	PBRX	7.1221
301	2016	PBRX	6.5996
302	2017	PBRX	6.2284
303	2018	PBRX	6.0113
304	2014	PICO	7.1450
305	2015	PICO	7.4550
306	2016	PICO	8.0534
307	2017	PICO	5.8077
308	2018	PICO	4.6782
309	2018	POLY	17.8341
310	2014	PRAS	5.7283
311	2015	PRAS	6.0484
312	2018	PRAS	5.8644
313	2016	PSDM	16.9975
314	2017	PSDM	17.5925
315	2015	PTSN	19.4359
316	2016	PTSN	8.9149
317	2017	PTSN	8.9247
318	2018	PTSN	7.0295
319	2014	PYFA	6.3633

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PIUTANG
320	2015	PYFA	6.2381
321	2016	PYFA	6.2919
322	2017	PYFA	5.8651
323	2018	PYFA	6.2595
324	2014	RICY	4.6671
325	2015	RICY	4.4540
326	2016	RICY	4.5386
327	2017	RICY	5.4936
328	2018	RICY	7.1542
329	2014	ROTI	9.4960
330	2015	ROTI	9.4139
331	2016	ROTI	9.5337
332	2017	ROTI	15.3337
333	2014	SCCO	4.5192
334	2015	SCCO	4.5504
335	2016	SCCO	5.7462
336	2017	SCCO	6.4805
337	2018	SCCO	6.2684
338	2015	SCPI	4.8508
339	2016	SCPI	6.0434
340	2014	SIDO	3.3683
341	2015	SIDO	3.3708
342	2016	SIDO	3.6449
343	2017	SIDO	3.2393
344	2018	SIDO	5.9155
345	2014	SIMA	16.6933
346	2014	SIPD	5.8022
347	2016	SIPD	9.0745
348	2018	SIPD	9.8173
349	2014	SKBM	11.9744
350	2015	SKBM	13.3929
351	2016	SKBM	11.8949
352	2017	SKBM	10.2702
353	2018	SKBM	8.7575
354	2014	SKLT	8.8467
355	2015	SKLT	8.8268
356	2016	SKLT	8.4250
357	2017	SKLT	7.9441
358	2018	SKLT	7.2237
359	2014	SMBR	20.8947

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PIUTANG
360	2015	SMBR	24.3601
361	2016	SMBR	12.0781
362	2017	SMBR	5.0016
363	2018	SMBR	4.4504
364	2014	SMCB	10.5650
365	2015	SMCB	8.7787
366	2014	SMGR	8.8101
367	2015	SMGR	7.8737
368	2016	SMGR	7.0808
369	2017	SMGR	6.3767
370	2018	SMGR	5.7511
371	2014	SMSM	4.6362
372	2015	SMSM	4.7754
373	2016	SMSM	4.3369
374	2017	SMSM	4.4670
375	2018	SMSM	4.6172
376	2014	SPMA	8.2465
377	2017	SPMA	19.0684
378	2018	SPMA	20.0268
379	2014	SRIL	5.8368
380	2015	SRIL	5.3754
381	2016	SRIL	5.4019
382	2017	SRIL	4.4903
383	2018	SRIL	5.3746
384	2014	SRSN	5.3554
385	2015	SRSN	5.0098
386	2016	SRSN	4.2455
387	2017	SRSN	4.8740
388	2018	SRSN	5.3670
389	2018	SSTM	26.1428
390	2014	STAR	2.8708
391	2015	STAR	3.6478
392	2016	STAR	2.8817
393	2017	STAR	2.9303
394	2018	STAR	3.1813
395	2014	STTP	9.1005
396	2015	STTP	9.2768
397	2018	STTP	7.1327
398	2014	SULI	17.0421
399	2015	SULI	19.6515

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PIUTANG
400	2016	SULI	19.9004
401	2017	SULI	23.1601
402	2018	SULI	23.4111
403	2014	TALF	7.5673
404	2015	TALF	6.0680
405	2016	TALF	6.3041
406	2017	TALF	5.4643
407	2018	TALF	4.9907
408	2015	TBMS	7.5791
409	2017	TBMS	7.8986
410	2018	TBMS	7.4094
411	2014	TCID	7.5876
412	2015	TCID	6.1507
413	2016	TCID	6.6679
414	2017	TCID	7.4877
415	2018	TCID	6.7427
416	2016	TFCO	8.3475
417	2017	TFCO	9.7971
418	2014	TIRT	23.4495
419	2016	TIRT	24.9288
420	2017	TIRT	19.2803
421	2014	TKIM	10.0664
422	2015	TKIM	10.0935
423	2016	TKIM	13.1694
424	2017	TKIM	10.8754
425	2018	TKIM	8.8512
426	2014	TOTO	4.2362
427	2015	TOTO	4.3713
428	2016	TOTO	4.1840
429	2017	TOTO	4.4073
430	2018	TOTO	4.6834
431	2014	TPIA	17.8223
432	2015	TPIA	17.8771
433	2016	TPIA	19.4899
434	2017	TPIA	14.1371
435	2018	TPIA	14.2224
436	2014	TRIS	5.9335
437	2015	TRIS	6.4200
438	2016	TRIS	6.7185
439	2017	TRIS	6.4565

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PIUTANG
440	2018	TRIS	7.9568
441	2014	TRST	6.0932
442	2015	TRST	5.3869
443	2016	TRST	5.3752
444	2017	TRST	5.6126
445	2018	TRST	5.6193
446	2014	TSPC	9.1143
447	2015	TSPC	9.2819
448	2016	TSPC	9.7485
449	2017	TSPC	9.2587
450	2018	TSPC	0.8815
451	2014	ULTJ	10.2581
452	2015	ULTJ	10.4217
453	2016	ULTJ	10.2926
454	2017	ULTJ	10.0916
455	2018	ULTJ	10.5743
456	2014	UNIC	6.5842
457	2016	UNIC	6.3397
458	2017	UNIC	4.8754
459	2018	UNIC	8.9725
460	2014	UNIT	4.7963
461	2015	UNIT	5.0694
462	2016	UNIT	4.1080
463	2017	UNIT	3.9415
464	2018	UNIT	3.4887
465	2014	UNTX	5.5339
466	2014	UNVR	11.1956
467	2015	UNVR	11.8838
468	2016	UNVR	11.5215
469	2017	UNVR	9.7829
470	2018	UNVR	8.6199
471	2015	VOKS	2.9449
472	2016	VOKS	0.6078
473	2017	VOKS	0.6619
474	2018	VOKS	3.5544
475	2014	WIIM	25.6736
476	2015	WIIM	27.3709
477	2016	WIIM	26.8891
478	2017	WIIM	24.5635
479	2018	WIIM	11.8914

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PIUTANG
480	2016	WSBP	2.6515
481	2017	WSBP	1.4688
482	2018	WSBP	0.3914
483	2014	WTON	7.3022
484	2015	WTON	5.0729
485	2017	WTON	5.7260

Data Perputaran Persediaan

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PERSEDIAAN
1	2014	ADES	3.1578
2	2015	ADES	3.4434
3	2016	ADES	4.3951
4	2017	ADES	3.6918
5	2018	ADES	3.8248
6	2014	AISA	3.6211
7	2015	AISA	3.3723
8	2016	AISA	2.6725
9	2016	AKKU	0.3859
10	2014	AKPI	5.9357
11	2015	AKPI	5.6464
12	2016	AKPI	5.8129
13	2017	AKPI	5.9455
14	2018	AKPI	5.3265
15	2014	ALDO	6.0111
16	2015	ALDO	5.6006
17	2016	ALDO	6.3309
18	2017	ALDO	5.1989
19	2018	ALDO	4.6361
20	2014	AMFG	3.8581
21	2015	AMFG	3.5719
22	2016	AMFG	3.2327
23	2017	AMFG	3.1383
24	2018	AMFG	3.0989
25	2015	AMIN	1.3636
26	2016	AMIN	2.0674
27	2017	AMIN	2.6514
28	2018	AMIN	2.4522
29	2014	APLI	7.3394
30	2015	APLI	6.9478
31	2016	APLI	4.7630
32	2017	APLI	8.3810
33	2016	ARNA	9.3786
34	2017	ARNA	8.3411
35	2018	ARNA	10.9486
36	2014	ASII	10.3690
37	2015	ASII	8.3507
38	2016	ASII	8.0122

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PERSEDIAAN
39	2017	ASII	8.7828
40	2018	ASII	8.1913
41	2014	AUTO	6.5809
42	2015	AUTO	5.7631
43	2016	AUTO	6.1313
44	2017	AUTO	5.9077
45	2018	AUTO	5.8109
46	2014	BATA	1.8731
47	2015	BATA	2.0835
48	2016	BATA	1.8712
49	2017	BATA	1.4878
50	2018	BATA	1.3588
51	2014	BIMA	3.7870
52	2016	BIMA	2.8460
53	2017	BIMA	2.4197
54	2018	BIMA	1.7759
55	2015	BOLT	2.3171
56	2016	BOLT	2.5500
57	2017	BOLT	1.3859
58	2018	BOLT	2.8754
59	2014	BRAM	3.6480
60	2015	BRAM	3.2801
61	2016	BRAM	3.1158
62	2017	BRAM	3.2106
63	2018	BRAM	3.8760
64	2014	BRNA	6.1924
65	2016	BRNA	4.8412
66	2015	BRPT	6.2412
67	2016	BRPT	7.6422
68	2017	BRPT	8.5838
69	2018	BRPT	8.5271
70	2014	BTON	6.7042
71	2015	BTON	5.8634
72	2017	BTON	8.1852
73	2018	BTON	8.3641
74	2014	BUDI	7.9853
75	2015	BUDI	6.7417
76	2017	BUDI	4.8349
77	2018	BUDI	4.1096
78	2014	CEKA	8.2654

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PERSEDIAAN
79	2015	CEKA	7.0773
80	2016	CEKA	7.5025
81	2017	CEKA	8.1772
82	2014	CINT	4.1827
83	2015	CINT	3.2157
84	2016	CINT	2.9210
85	2017	CINT	2.9265
86	2018	CINT	0.2314
87	2014	CNTX	5.3511
88	2014	CPIN	5.9719
89	2015	CPIN	5.1021
90	2016	CPIN	6.0099
91	2017	CPIN	7.9798
92	2018	CPIN	7.5637
93	2014	CTBN	1.7250
94	2015	CTBN	1.1020
95	2014	DAJK	2.4733
96	2014	DLTA	1.4341
97	2015	DLTA	1.2453
98	2016	DLTA	1.2826
99	2017	DLTA	1.1195
100	2018	DLTA	1.2581
101	2014	DPNS	2.2631
102	2015	DPNS	2.2714
103	2016	DPNS	2.5277
104	2017	DPNS	2.3700
105	2018	DPNS	2.2451
106	2014	DVLA	2.3913
107	2015	DVLA	2.9521
108	2016	DVLA	3.1825
109	2017	DVLA	3.2961
110	2018	DVLA	3.1957
111	2014	EKAD	2.8932
112	2015	EKAD	2.7467
113	2016	EKAD	3.1013
114	2017	EKAD	3.0486
115	2018	EKAD	2.7903
116	2014	ERTX	2.4017
117	2015	ERTX	6.2869
118	2016	ERTX	5.1980

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PERSEDIAAN
119	2018	ERTX	4.5685
120	2016	ESTI	1.7077
121	2018	ESTI	1.4671
122	2014	FASW	6.5996
123	2016	FASW	5.6107
124	2017	FASW	6.3618
125	2018	FASW	6.2481
126	2015	FPNI	7.3540
127	2016	FPNI	7.7935
128	2018	FPNI	7.6222
129	2016	GDST	4.8779
130	2014	GDYR	5.1418
131	2016	GDYR	6.3317
132	2018	GDYR	7.0606
133	2014	GGRM	1.5945
134	2014	GJTL	5.2250
135	2016	GJTL	4.7517
136	2017	GJTL	4.8604
137	2017	HMSP	3.9971
138	2018	HMSP	4.8937
139	2014	ICBP	7.7193
140	2016	ICBP	8.3464
141	2017	ICBP	7.7054
142	2018	ICBP	7.2004
143	2014	IGAR	5.6884
144	2015	IGAR	4.9671
145	2016	IGAR	5.8118
146	2017	IGAR	5.7862
147	2018	IGAR	5.4404
148	2014	IKBI	8.6268
149	2015	IKBI	12.3987
150	2016	IKBI	5.9733
151	2017	IKBI	8.0782
152	2018	IKBI	7.6522
153	2018	IMAS	1.9645
154	2014	IMPC	1.8511
155	2015	IMPC	1.5452
156	2016	IMPC	1.5242
157	2017	IMPC	1.6038
158	2018	IMPC	2.5837

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PERSEDIAAN
159	2014	INAF	4.7215
160	2015	INAF	5.0006
161	2014	INAI	2.7073
162	2015	INAI	4.0008
163	2016	INAI	4.0228
164	2017	INAI	3.2871
165	2018	INAI	4.3340
166	2014	INCI	6.1220
167	2015	INCI	5.4298
168	2016	INCI	6.3211
169	2017	INCI	8.2003
170	2018	INCI	7.2901
171	2014	INDF	5.5959
172	2015	INDF	5.8237
173	2016	INDF	5.8795
174	2017	INDF	5.5414
175	2018	INDF	4.9855
176	2014	INDR	5.2895
177	2015	INDR	4.7283
178	2016	INDR	4.7517
179	2017	INDR	5.4447
180	2018	INDR	5.2572
181	2014	INDS	3.5931
182	2015	INDS	2.9002
183	2016	INDS	2.8728
184	2017	INDS	4.0558
185	2018	INDS	5.6800
186	2014	INKP	2.4543
187	2015	INKP	2.5617
188	2016	INKP	2.3210
189	2017	INKP	2.3083
190	2018	INKP	2.0002
191	2014	INTP	6.9506
192	2015	INTP	6.2063
193	2016	INTP	5.4703
194	2017	INTP	5.3105
195	2018	INTP	6.0012
196	2014	IPOL	8.1794
197	2015	IPOL	7.3367
198	2016	IPOL	7.0450

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PERSEDIAAN
199	2017	IPOL	6.5048
200	2018	IPOL	6.0014
201	2014	ISSP	1.3537
202	2015	ISSP	1.2670
203	2016	ISSP	1.1342
204	2017	ISSP	1.2737
205	2018	ISSP	1.5517
206	2014	JECC	3.1507
207	2015	JECC	4.1181
208	2016	JECC	4.6218
209	2017	JECC	3.9272
210	2018	JECC	4.8826
211	2014	JPFA	4.2658
212	2015	JPFA	3.8275
213	2016	JPFA	3.8017
214	2017	JPFA	0.7937
215	2018	JPFA	4.2340
216	2014	KAEF	4.7211
217	2015	KAEF	4.6493
218	2016	KAEF	4.6180
219	2017	KAEF	3.6354
220	2018	KAEF	3.1180
221	2014	KBLI	7.7184
222	2015	KBLI	8.4933
223	2016	KBLI	7.4104
224	2017	KBLI	4.7042
225	2018	KBLI	4.4720
226	2014	KBLM	8.7206
227	2015	KBLM	7.6143
228	2016	KBLM	6.0879
229	2017	KBLM	7.3612
230	2018	KBLM	6.2074
231	2014	KDSI	8.2137
232	2015	KDSI	6.4441
233	2016	KDSI	6.3597
234	2017	KDSI	6.5833
235	2018	KDSI	5.6592
236	2014	KIAS	3.1928
237	2014	KICI	1.6908
238	2016	KICI	1.4454

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PERSEDIAAN
239	2017	KICI	1.4255
240	2015	KINO	6.3461
241	2016	KINO	5.5459
242	2017	KINO	4.6054
243	2018	KINO	4.3556
244	2014	KLBF	2.8948
245	2015	KLBF	3.0510
246	2016	KLBF	3.1150
247	2017	KLBF	3.0049
248	2018	KLBF	3.1929
249	2014	KRAH	0.7673
250	2016	KRAH	0.6607
251	2014	LION	1.6249
252	2015	LION	1.6464
253	2016	LION	1.4757
254	2017	LION	1.3924
255	2018	LION	1.6527
256	2014	LMPI	2.0304
257	2015	LMPI	1.8055
258	2016	LMPI	1.6002
259	2014	LMSH	6.7412
260	2015	LMSH	6.1384
261	2016	LMSH	4.2747
262	2017	LMSH	5.0364
263	2018	LMSH	6.7225
264	2018	LPIN	1.6271
265	2016	MAIN	5.2323
266	2017	MAIN	5.3363
267	2018	MAIN	5.4764
268	2014	MASA	2.7622
269	2014	MBTO	5.1731
270	2016	MBTO	3.8358
271	2014	MERK	1.8693
272	2015	MERK	2.8255
273	2016	MERK	2.5112
274	2017	MERK	2.1860
275	2014	MLBI	6.0866
276	2015	MLBI	6.3389
277	2016	MLBI	8.2789
278	2018	MLBI	6.9039

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PERSEDIAAN
279	2014	MLIA	5.7644
280	2016	MLIA	5.3352
281	2017	MLIA	7.3210
282	2018	MLIA	8.2624
283	2014	MRAT	2.4308
284	2015	MRAT	2.1961
285	2014	MYOR	6.7970
286	2015	MYOR	5.6945
287	2016	MYOR	6.9204
288	2017	MYOR	8.0232
289	2018	MYOR	6.8240
290	2014	MYRX	1.0971
291	2016	MYRX	0.8500
292	2016	NIKL	4.1742
293	2017	NIKL	4.8971
294	2014	NIPS	3.9941
295	2015	NIPS	3.4154
296	2016	NIPS	3.4917
297	2017	NIPS	3.5193
298	2018	NIPS	2.2114
299	2014	PBRX	4.8579
300	2015	PBRX	4.6762
301	2016	PBRX	4.3825
302	2017	PBRX	4.2772
303	2018	PBRX	4.2777
304	2014	PICO	0.0641
305	2015	PICO	0.0613
306	2016	PICO	0.0560
307	2017	PICO	0.0673
308	2018	PICO	0.0621
309	2018	POLY	7.4442
310	2014	PRAS	2.0577
311	2015	PRAS	1.5681
312	2018	PRAS	2.0477
313	2016	PSDM	4.2032
314	2017	PSDM	5.7496
315	2015	PTSN	7.2253
316	2016	PTSN	6.8077
317	2017	PTSN	7.6485
318	2018	PTSN	6.1499

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PERSEDIAAN
319	2014	PYFA	2.3768
320	2015	PYFA	2.3343
321	2016	PYFA	2.1353
322	2017	PYFA	2.2807
323	2018	PYFA	2.5316
324	2014	RICY	2.2111
325	2015	RICY	1.8538
326	2016	RICY	1.9988
327	2017	RICY	2.3977
328	2018	RICY	2.7854
329	2014	ROTI	25.3196
330	2015	ROTI	24.2841
331	2016	ROTI	25.9983
332	2017	ROTI	23.4265
333	2014	SCCO	11.7541
334	2015	SCCO	11.2538
335	2016	SCCO	9.8057
336	2017	SCCO	9.3265
337	2018	SCCO	6.9724
338	2015	SCPI	5.0203
339	2016	SCPI	0.1839
340	2014	SIDO	2.6199
341	2015	SIDO	2.6934
342	2016	SIDO	2.5670
343	2017	SIDO	2.4135
344	2018	SIDO	2.3120
345	2014	SIMA	2.0680
346	2014	SIPD	4.6468
347	2016	SIPD	4.8399
348	2018	SIPD	6.6109
349	2014	SKBM	12.8675
350	2015	SKBM	10.7723
351	2016	SKBM	7.5817
352	2017	SKBM	6.2299
353	2018	SKBM	5.8064
354	2014	SKLT	7.3299
355	2015	SKLT	7.3114
356	2016	SKLT	7.2589
357	2017	SKLT	6.4155
358	2018	SKLT	5.6431

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PERSEDIAAN
359	2014	SMBR	5.2698
360	2015	SMBR	5.1848
361	2016	SMBR	5.6197
362	2017	SMBR	5.7161
363	2018	SMBR	5.2164
364	2014	SMCB	11.2989
365	2015	SMCB	11.0040
366	2014	SMGR	5.6393
367	2015	SMGR	6.2452
368	2016	SMGR	6.4087
369	2017	SMGR	6.2459
370	2018	SMGR	5.9075
371	2014	SMSM	4.4329
372	2015	SMSM	3.8949
373	2016	SMSM	3.4867
374	2017	SMSM	3.8480
375	2018	SMSM	3.8714
376	2014	SPMA	3.7265
377	2017	SPMA	3.9947
378	2018	SPMA	4.2062
379	2014	SRIL	3.7708
380	2015	SRIL	3.9826
381	2016	SRIL	3.7726
382	2017	SRIL	2.8420
383	2018	SRIL	2.8430
384	2014	SRSN	2.0059
385	2015	SRSN	2.0565
386	2016	SRSN	1.6865
387	2017	SRSN	1.5410
388	2018	SRSN	1.8449
389	2018	SSTM	1.4020
390	2014	STAR	2.4250
391	2015	STAR	3.0640
392	2016	STAR	1.7930
393	2017	STAR	2.3481
394	2018	STAR	4.0374
395	2014	STTP	5.9224
396	2015	STTP	6.6158
397	2018	STTP	7.2089
398	2014	SULI	3.3066

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PERSEDIAAN
399	2015	SULI	2.9821
400	2016	SULI	2.6531
401	2017	SULI	2.7138
402	2018	SULI	3.8573
403	2014	TALF	4.8032
404	2015	TALF	3.7520
405	2016	TALF	3.9518
406	2017	TALF	3.7312
407	2018	TALF	3.3860
408	2015	TBMS	24.7714
409	2017	TBMS	25.0434
410	2018	TBMS	26.0260
411	2014	TCID	3.7653
412	2015	TCID	3.5817
413	2016	TCID	3.5257
414	2017	TCID	3.7131
415	2018	TCID	3.4935
416	2016	TFCO	4.7744
417	2017	TFCO	5.5067
418	2014	TIRT	2.1495
419	2016	TIRT	1.9280
420	2017	TIRT	1.8257
421	2014	TKIM	3.0597
422	2015	TKIM	3.2204
423	2016	TKIM	3.3710
424	2017	TKIM	3.7235
425	2018	TKIM	3.3315
426	2014	TOTO	3.7498
427	2015	TOTO	3.2376
428	2016	TOTO	2.6003
429	2017	TOTO	2.5845
430	2018	TOTO	2.4721
431	2014	TPIA	9.1815
432	2015	TPIA	6.2091
433	2016	TPIA	7.5998
434	2017	TPIA	8.5772
435	2018	TPIA	8.6496
436	2014	TRIS	6.6481
437	2015	TRIS	3.4657
438	2016	TRIS	3.5908

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PERSEDIAAN
439	2017	TRIS	3.1369
440	2018	TRIS	3.0739
441	2014	TRST	4.2893
442	2015	TRST	4.1136
443	2016	TRST	3.4122
444	2017	TRST	3.4503
445	2018	TRST	3.4982
446	2014	TSPC	4.4461
447	2015	TSPC	4.4246
448	2016	TSPC	4.3576
449	2017	TSPC	4.1589
450	2018	TSPC	4.1828
451	2014	ULTJ	4.7700
452	2015	ULTJ	4.1445
453	2016	ULTJ	4.0723
454	2017	ULTJ	4.2361
455	2018	ULTJ	5.0548
456	2014	UNIC	3.8344
457	2016	UNIC	2.7851
458	2017	UNIC	3.3112
459	2018	UNIC	3.1656
460	2014	UNIT	1.4504
461	2015	UNIT	1.6693
462	2016	UNIT	1.4439
463	2017	UNIT	1.3733
464	2018	UNIT	1.2098
465	2014	UNTX	4.2813
466	2014	UNVR	7.8473
467	2015	UNVR	7.7150
468	2016	UNVR	8.4906
469	2017	UNVR	8.4831
470	2018	UNVR	8.1993
471	2015	VOKS	3.1311
472	2016	VOKS	3.5357
473	2017	VOKS	3.2558
474	2018	VOKS	3.6930
475	2014	WIIM	1.6283
476	2015	WIIM	1.6882
477	2016	WIIM	1.5274
478	2017	WIIM	1.4430

NO	TAHUN	KODE PERUSAHAAN	PERPUTARAN PERSEDIAAN
479	2018	WIIM	1.4595
480	2016	WSBP	25.5994
481	2017	WSBP	9.4549
482	2018	WSBP	3.9872
483	2014	WTON	4.2805
484	2015	WTON	4.3034
485	2017	WTON	5.4327

Lampiran 2

Hasil Uji Analisis Statistik Deskriptif

	NO?	ROA?	PK?	PP?	PS?
Mean	326.2330	0.068250	31.38286	8.261285	4.826260
Median	320.0000	0.051300	15.06190	6.450260	4.203200
Maximum	639.0000	0.466600	365.6530	34.96756	26.02600
Minimum	1.000000	0.000200	0.520500	0.006520	0.056000
Std. Dev.	186.7466	0.071560	47.78852	5.640901	3.520512
Skewness	-0.034502	2.371604	3.612305	1.920998	3.197690
Kurtosis	1.775702	10.48938	18.71193	6.995868	18.81355
Jarque-Bera Probability	30.38661 0.000000	1588.149 0.000000	6043.497 0.000000	620.9595 0.000000	5880.004 0.000000
Sum	158223.0	33.10140	15220.69	4006.723	2340.736
Sum Sq. Dev.	16879157	2.478511	1105331.	15400.77	5998.697
Observations	485	485	485	485	485
Cross sections	126	126	126	126	126

Lampiran 3

Hasil Uji Regresi Linier Berganda

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.039784	0.009383	4.239745	0.0000
PK?	-2.21E-05	5.01E-05	-0.441131	0.6593
PP?	0.001682	0.000611	2.750488	0.0062
PS?	0.002217	0.001087	2.040026	0.0419

Lampiran 4

Hasil Uji Hausman Test

Correlated Random Effects - Hausman Test
 Pool: A_DATA
 Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	1.270545	3	0.7361

Lampiran 5

Koefisien Determinasi (R Square)

Weighted Statistics			
R-squared	0.025870	Mean dependent var	0.016077
Adjusted R-squared	0.019794	S.D. dependent var	0.032182
S.E. of regression	0.032025	Sum squared resid	0.493327
F-statistic	4.257964	Durbin-Watson stat	1.772546
Prob(F-statistic)	0.005534		

Uji Kelayakan Model (Uji F)

Weighted Statistics			
R-squared	0.025870	Mean dependent var	0.016077
Adjusted R-squared	0.019794	S.D. dependent var	0.032182
S.E. of regression	0.032025	Sum squared resid	0.493327
F-statistic	4.257964	Durbin-Watson stat	1.772546
Prob(F-statistic)	0.005534		

Uji Pengujian Hipotesis (Uji t)

Dependent Variable: ROA?
 Method: Pooled EGLS (Cross-section random effects)
 Date: 11/24/19 Time: 17:12
 Sample: 2014 2018
 Included observations: 5
 Cross-sections included: 126
 Total pool (unbalanced) observations: 485
 Swamy and Arora estimator of component variances
 Cross sections without valid observations dropped

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.039784	0.009383	4.239745	0.0000
PK?	-2.21E-05	5.01E-05	-0.441131	0.6593
PP?	0.001682	0.000611	2.750488	0.0062
PS?	0.002217	0.001087	2.040026	0.0419