

Lampiran tabulasi

perusahaan	tahun	PBV	dividen	profitabilitas	fcf/aset
AISA	2013	0.251260092	0.067511133	0.147119812	-0.169581726
	2015	0.135235235	0.066544482	0.094216981	0.073399022
AKPI	2014	0.544868821	0.300029022	0.033490225	0.201997373
	2015	0.537214087	0.177176223	0.024959882	3.101173368
	2016	0.546411414	0.105169448	0.046778761	0.147413772
ALDO	2014	2.535712364	0.039171864	0.132108168	-0.059540243
ALMI	2012	0.34054394	1.098992906	0.023727749	-0.079962312
	2013	0.281132386	0.234884105	0.039733882	-0.248410104
	2014	0.257533207	6.293849601	0.003040334	-0.265513456
AMFG	2012	1.466043762	0.100170509	0.141064894	0.028058166
	2013	1.100434777	0.102613208	0.122561195	0.052088593
	2014	1.097046387	0.075702901	0.144014618	0.038849364
	2015	0.838499414	0.101714975	0.100685412	0.044133457
	2016	0.80788739	0.133310808	0.072360349	-0.093571534
	2017	0.80788739	0.133310808	0.072360349	-0.093571534
ARNA	2012	4.976762558	0.231321836	0.262371368	0.172781134
	2013	2.803747255	0.001296406	0.132755692	-0.268885442
	2014	7.00156886	0.448929575	0.286825579	1.203597642
	2015	4.102602725	1.237154648	0.079588327	0.101202179
	2016	4.026570633	0.004547697	0.096379125	-0.022180145
	2017	4.026570633	0.004547697	0.096379125	-0.022180145
ASII	2012	3.425690915	0.362896843	0.253212194	-0.006232375
	2013	2.592458897	0.388348208	0.209976645	0.10337673
	2014	2.498174779	0.394983051	0.183878528	0.021480411
	2015	1.919667745	0.531117054	0.130037223	0.081588099
	2016	2.394474878	0.371380177	0.130816405	0.097256115
	2017	2.394474878	0.371380177	0.130816405	0.097256115
AUTO	2012	2.600939323	0.276628336	0.207090884	0.018486672
	2013	1.840409895	0.524554945	0.110685451	-0.195072501
	2014	1.997017192	0.45956803	0.094352451	0.076257815
	2015	0.760253271	0.864264443	0.031813807	0.054042894
	2016	0.937730581	0.259221258	0.045880353	0.033661975
	2017	0.937730581	0.259221258	0.045880353	0.033661975
BAJA	2014	2.838725218	0.120828092	0.074753374	0.052810224
BRNA	2012	1.600238905	0.241353622	0.180552968	0.027865949
	2013	1.026378939	1.287621729	0.03994826	-0.010741452
CEKA	2014	0.830153524	0.723379181	0.076274441	-0.124902019
CPIN	2012	7.320120287	0.256899994	0.327876696	-0.068860854
	2013	5.561632616	0.29829991	0.254116713	-0.077590047
	2014	5.664150878	0.431861329	0.159608688	-0.070658757
	2015	3.394104826	0.161063146	0.145890909	-0.045564224
	2016	3.579073976	0.213688134	0.157191764	0.158935425
	2017	3.579073976	0.213688134	0.157191764	0.158935425
DLTA	2012	6.825948793	0.88009539	0.356765245	0.297302899
	2013	8.994068273	0.709317603	0.399815041	0.314919168
	2014	8.169207445	0.502757668	0.376826044	0.070191269

perusahaan	tahun	PBV	dividen	profitabilitas	fcf/aset
	2015	4.900331681	0.816882139	0.226036186	0.150765922
	2016	3.954363919	0.377331854	0.251398461	0.10033939
DPNS	2013	0.696560421	0.068108367	0.299037007	-0.223433446
	2014	0.495118707	0.416970377	0.06150335	-0.022084458
	2015	0.531079046	0.460516274	0.040859247	0.01063829
	2016	0.503113901	0.151188819	0.038020298	0.075593715
DVLA	2012	2.249192466	0.23692308	0.176946957	0.01425656
	2013	12.85223643	0.418453703	0.656155038	0.685585489
	2014	1.966685456	0.304462616	0.084088558	-0.619088456
	2015	1.495607679	0.723992619	0.11082949	0.161391783
	2016	1.820708707	0.371679885	0.097337333	0.061470455
EKAD	2012	1.273955848	0.131052714	0.188551727	-0.051029085
	2013	1.146460167	0.136535002	0.165962971	-0.061274607
	2014	1.343266117	0.147633807	0.152985953	-0.084307002
	2015	0.957352526	0.128620622	0.161118056	0.190958745
	2016	0.696408618	0.074178641	0.153184264	-0.338441648
FASW	2016	3.216567706	2.697515192	0.246327983	0.094247127
GGRM	2012	4.071537357	0.472898665	0.152926216	0.059019509
	2013	2.747176758	0.351116304	0.149030854	-0.005609486
	2014	3.514795081	0.285298685	0.162368367	-0.047511809
	2015	2.784284713	0.238541701	0.169776085	-0.026868182
	2016	3.107585549	0.74971788	0.168654422	0.075834807
GJTL	2012	1.415322475	0.030708847	0.206675363	0.013432928
	2013	1.022731168	0.780129643	0.021020753	-0.045632351
	2014	0.829951137	0.128948227	0.045103598	-0.020626138
HMSP	2012	19.72748831	0.68310184	0.747293518	0.040986642
	2013	19.32169013	0.919262363	0.764285359	0.376392513
	2014	22.29148087	1.046125447	0.754259669	0.417151416
	2015	13.66054459	1.182101796	0.323690923	-0.464126519
	2016	13.03578792	0.811167783	0.373437418	0.270815728
ICBP	2012	3.794294456	0.003220335	0.190407063	0.060535399
	2013	4.483411491	0.485251718	0.168482234	0.031628868
	2014	5.078840863	0.437607266	0.168330447	0.084660501
	2015	4.794808805	0.442834916	0.178383101	0.082155073
	2016	2.702605746	0.411071404	0.196277809	0.099782721
IGAR	2012	1.626872155	2.056861665	0.183894195	0.255411353
	2013	1.270474005	1.106386062	0.155178459	0.142519105
	2014	1.088627792	0.176476622	0.208383448	-0.043015891
IMAS	2012	2.567419919	0.192940924	0.15750189	-0.149997387
	2013	2.034553827	0.135737111	0.093266047	-0.145446772
IMPC	2014	2.502772829	0.946434914	0.294229344	-0.022155634
	2015	4.076095547	0.000520857	0.07001363	0.076643014
	2016	4.042228182	0.094564741	0.083664919	-0.295075536

perusahaan	tahun	PBV	dividen	profitabilitas	fcf/aset
INAI	2013	0.752388007	1.577833511	0.039737399	0.243165046
	2014	1.30332733	0.114893438	0.151250568	0.130870436
	2015	0.534999239	0.387479966	0.119321013	-0.027019765
	2016	0.791949039	0.400979102	0.137793362	-0.117515025
INCI	2016	0.228133621	0.180024279	0.041135698	-0.335935415
INDF	2012	1.504436794	0.380349522	0.139984525	0.052262106
	2013	1.510192586	0.475676201	0.088991596	-0.002486043
	2014	1.405605084	0.283298872	0.106748808	0.057679363
	2015	1.053734428	0.597730677	0.074944193	0.01887807
	2016	1.583582762	0.303991298	0.110430675	0.17661494
INDS	2012	1.164025681	0.263969339	0.117958371	-0.205977531
	2013	0.80118806	1.732664869	0.084209792	-0.212759901
	2014	0.96015433	0.404686455	0.069822269	0.019355564
	2015	0.119688765	18.37749552	0.001007702	0.001370444
INTP	2012	4.255871398	0.226383826	0.245298536	0.090095785
	2013	3.20842657	0.330874845	0.218426583	0.498939556
	2014	2.970555785	0.627986983	0.212792066	-0.255687066
	2015	3.443546043	1.140329257	0.182547144	0.208368369
	2016	2.168851613	0.394604941	0.148068517	0.063864145
JECC	2012	2.010697501	0.52350006	0.22236636	-0.029673972
	2013	2.918319085	0.759163468	0.152739391	0.130085831
	2015	0.555041539	3.680818804	0.006701909	-0.198750952
	2016	1.125147479	0.211451462	0.281548726	0.04842228
JPFA	2012	2.000951746	0.148527281	0.225593792	-0.173823861
	2013	0.360468943	0.332175631	0.122137252	-0.185623214
	2014	1.787090524	0.276479423	0.072749799	0.084631099
	2016	1.319320909	0.11033437	0.231688503	0.022570745
KAEF	2012	5.702204573	0.166952375	0.142739638	0.020667713
	2013	4.034660683	0.142689068	0.132755692	0.043853137
	2014	8.98505058	0.227690141	0.13059761	0.035673829
	2015	5.189826804	0.185495004	0.135853573	0.069615768
	2016	13.44849008	0.183248082	0.119572538	-0.070457514
KBLM	2016	0.838283413	0.09069904	0.107682132	0.013259678
KBLI	2014	0.604861357	0.228309117	0.074493368	0.084922951
	2015	0.464160646	0.138608327	0.112298398	-0.07902302
	2016	0.542851888	0.08383659	0.253029016	0.071551685
KIAS	2013	1.130384381	0.046740375	0.036813192	-0.000410393
	2014	1.093165984	0.240277227	0.043574987	-0.013749609
KLBF	2012	0.561509375	0.516051875	0.240800958	0.084420074
	2013	6.893434399	0.457099816	0.231819082	-0.004441566
	2014	5.968326742	0.381658035	0.216052543	0.077187703
	2015	5.65675109	0.44064298	0.18811853	0.093107019
	2016	5.697743977	0.383689567	0.188616316	0.04399146

perusahaan	tahun	PBV	dividen	profitabilitas	fcf/aset
KRAS	2012	18.09341694	1.290490798	0.017527102	0.0792815
LION	2012	1.454878014	0.179593224	0.229604558	-0.038326275
	2013	1.501239809	0.317433449	0.155757072	0.020058267
	2014	1.405904469	0.418867658	0.110369262	0.049403166
	2015	0.120142676	0.44518385	0.101228966	0.028563081
	2016	0.116057036	0.498535642	0.087856237	0.047334176
MAIN	2012	5.903796601	0.140119224	0.443516783	0.090919841
	2013	6.239686835	0.252532103	0.280159252	-0.060291655
MBTO	2012	0.935652785	0.235045613	0.104756015	-0.012518505
	2013	0.723103585	1.55913E-05	0.035812534	-0.038997216
MERK	2012	8.170045503	1.72250141	0.258692884	0.296546852
	2013	8.265220783	0.452316954	0.342519287	0.055134651
	2014	7.64614397	0.929359673	0.27158746	0.262307087
	2015	0.320477569	1.541687669	0.301018867	0.382727099
	2016	0.353680688	0.290625758	0.264029717	-0.016342809
MLBI	2012	47.26893495	1.436488349	1.374566853	0.663691096
	2013	25.60319503	0.431596031	1.186085933	0.283998299
	2014	45.46548645	1.534684979	1.435332802	0.611170699
	2015	22.54122743	0.617079051	0.613074053	0.27446185
	2016	30.16822236	0.939604675	1.196784217	0.521010199
MRAT	2012	0.543475569	0.226557399	0.079690249	-0.030653997
MYOR	2012	4.997531941	0.133869046	0.242654734	-0.135975888
	2013	5.903645531	0.172629488	0.268718764	0.033097761
	2014	5.670707442	0.501921926	0.099943732	-0.090275453
	2015	5.251289652	0.119254301	0.240685874	0.109557584
	2016	5.870480173	0.197973264	0.221647149	0.00137052
RICY	2012	0.304282868	0.151183974	0.046268187	-0.178222634
	2014	0.280124798	0.169861677	0.038130283	0.001636614
	2015	0.255032314	0.190622658	0.033657631	0.286731509
	2016	0.239575077	0.137183322	0.034020503	0.076941488
ROTI	2012	10.47885447	0.194322634	0.223744147	-0.117030361
	2013	6.557588095	0.235959593	0.200695688	0.007633473
	2014	5.377477124	0.083339032	0.196409885	-0.097428953
	2015	5.382924637	0.335466538	0.227432325	0.040554046
	2016	5.613495098	0.191932147	0.193919269	0.062170751
SCCO	2012	1.27302127	0.216534841	0.259526081	0.003915741
	2013	1.278339081	0.488560399	0.148333328	-0.023658557
	2014	1.110726017	0.222573213	0.168983503	-0.021330547
	2015	0.830266261	0.257395756	0.172974052	0.045884852
	2016	1.225494838	0.134813517	0.279078876	0.104388908
SIPD	2012	0.36777606	0.611654119	0.011796795	0.013589131
SKLT	2012	0.960231942	0.173494172	0.061496266	0.087176817
	2013	0.890318474	0.181137978	0.081918976	0.033233465

perusahaan	tahun	PBV	dividen	profitabilitas	fcf/aset
	2014	0.810685431	0.167648188	0.107458554	0.053144856
	2015	1.680913829	0.17211037	0.131979584	-0.369254376
	2016	0.718376306	0.200737126	0.069714775	-0.303102526
SMCB	2012	2.639850578	0.363200525	0.160463532	0.040763554
	2013	1.98714269	0.683844987	0.108550183	0.086648464
	2014	1.990399541	0.996715351	0.076367183	-0.004763031
	2015	0.902333081	1.187555141	0.023608447	0.026787822
SMGR	2012	5.175631395	0.398632099	0.271053083	-0.08296714
	2013	3.849344197	0.407385453	0.245565238	0.088018953
	2014	3.356911083	0.433583498	0.222921228	0.106713166
	2015	2.464189526	0.491960786	0.164916522	0.125225195
	2016	1.779976425	0.398803413	0.148327951	0.027561789
SMSM	2012	4.431350874	0.6969339	0.327360682	-0.059667078
	2013	4.933315903	0.358851786	0.335938741	0.598889094
	2014	4.330918489	0.529457822	0.367503839	-0.162084987
	2015	19.0323438	0.390106805	0.320296921	0.049562003
	2016	3.571712334	0.559017268	0.317831974	0.217524415
SPMA	2012	0.55509642	0.298341809	0.051178232	-0.123679717
SQBI & SQBB	2012	6.779538326	0.830341068	0.415690343	0.293729804
	2013	8.118292866	0.857809396	0.430831627	0.314071777
	2014	7.637931233	0.866523538	0.446780745	0.30858879
	2015	8.847770506	1.085411423	0.424250198	0.336085927
	2016	10.80044317	0.986849274	0.465562413	0.369112163
TCID	2012	2.01649328	0.494417274	0.137099648	0.13647785
	2013	2.022580023	0.464206082	0.135375931	0.048619691
	2014	1.864187812	0.426476026	0.13581129	0.055813927
	2015	1.934605624	0.143787964	0.317501507	-0.17277776
	2016	1.409483973	0.50867276	0.090883449	0.077849401
TOTO	2012	3.667638315	0.420759624	0.262697466	0.047890777
	2013	3.682972505	0.412649367	0.228414444	0.0846195
	2014	6.196062027	0.50448388	0.238633643	0.032796727
	2015	4.808711777	0.403975355	0.191236053	-0.011942524
	2016	0.337256115	0.697723135	0.11061579	0.14955319
TRIS	2012	1.401735433	0.045052113	0.183021438	-0.273099834
	2013	1.420568232	0.186836741	0.170719564	-0.16744339
	2014	1.34892136	0.27385006	0.116132296	-0.14665124
	2015	0.928430495	0.224750411	0.130799827	0.160132631
	2016	1.013476763	0.331716377	0.072738136	0.055864799
TRST	2012	0.71601286	0.909680395	0.045420105	0.010840356
	2013	0.410603841	0.896982735	0.019281741	-0.166770892
	2014	0.398525528	0.465449674	0.017078963	0.064724702
	2015	0.444821297	0.551762944	0.012935682	-0.020024514

perusahaan	tahun	PBV	dividen	profitabilitas	fcf/aset
	2016	0.435944699	0.413591597	0.017488952	0.095092267
TSPC	2012	4.999021698	0.410655901	0.189426343	0.064595776
	2013	3.785964866	0.408399038	0.165297196	-0.018743953
	2014	3.539157849	0.44671614	0.141395239	0.058772587
	2015	1.81571225	0.422645931	0.122020164	0.088846005
	2016	1.912508654	0.322777053	0.117683148	0.028360552
ULTJ	2013	6.450011838	0.003044932	0.161341826	-0.042888698
	2014	5.738259615	0.174364422	0.125098757	-0.04410214
	2015	4.073152385	1.02275E-05	0.186988079	0.034230934
	2016	3.783038813	0.011505483	0.203433114	0.037363107
UNVR	2012	40.08842433	0.937722883	1.21943042	0.389399931
	2013	46.62641286	0.94505537	1.258058792	0.427589872
	2014	43.13750902	0.893386155	1.247835405	0.417349676
	2015	58.48124026	0.955659322	1.212216408	0.400695934
	2016	62.93107223	0.912921834	1.358486716	0.373898904
VOKS	2012	1.419503105	0.269529807	0.243788509	0.005895736
	2013	1.022919233	1.067354044	0.065019238	0.218511221
WIIM	2012	2.431652363	0.931746633	0.117783436	-0.290404709
	2013	1.800599816	0.057129828	0.169348733	-0.12533933
	2014	1.646622299	0.353391896	0.131439049	-0.139536132
	2015	0.95680526	0.216265302	0.13889993	-0.034174529
	2016	0.932247618	0.493900577	0.107245501	0.060503214

Lampiran pbv

perusahaan	tahun	closing price	Ekuitas (ribuan rupiah)	jumlah lembar saham	nilai buku (ekuitas/jumlah lembar saham)	Pbv = closing price/nilai buku
AISA	2013	1430	2356773000	414100000	5691.313692	0.25126
	2015	1210	3966907000	443360000	8947.372339	0.135235
AKPI	2014	830	1035845653	680000000	1523.302431	0.544869
	2015	875	1107565893	680000000	1628.773372	0.537214
	2016	900	1120035169	680000000	1647.110543	0.546411
ALDO	2014	735	159422656	550000000	289.8593745	2.535712
ALMI	2012	650	587883021	308000000	1908.711107	0.340544
	2013	600	657341556	308000000	2134.225831	0.281132
	2014	268	641035778	616000000	1040.642497	0.257533
AMFG	2012	8300	2457089000	434000000	5661.495392	1.466044
	2013	7000	2760727000	434000000	6361.12212	1.100435
	2014	8050	3184642000	434000000	7337.884793	1.097046
	2015	6550	3390223000	434000000	7811.573733	0.838499
	2016	6700	3599264000	434000000	8293.235023	0.807887
ARNA	2012	1640	604808179	1835357744	329.5314938	4.976763
	2013	820	1624354689	5554000000	292.4657344	2.803747
	2014	870	912230541	7341430976	124.2578653	7.001569
	2015	500	894728477	7341430976	121.8738526	4.102603
	2016	520	948088201	7341430976	129.1421528	4.026571
ASII	2012	7600	89814000000	40483553140	2218.530564	3.425691
	2013	6800	1.06188E+11	40483553140	2622.992406	2.592459
	2014	7425	1.20324E+11	40483553140	2972.169947	2.498175
	2015	6000	1.26533E+11	40483553140	3125.540872	1.919668
	2016	8275	1.39906E+11	40483553140	3455.872549	2.394475
AUTO	2012	3700	5485099000	3855786400	1422.562982	2.600939
	2013	3650	9558754000	4819733000	1983.253844	1.84041
	2014	4200	10136557000	4819733000	2103.136626	1.997017
	2015	1600	10143426000	4819733000	2104.561809	0.760253
	2016	2050	10536558000	4819733000	2186.128983	0.937731
BAJA	2014	297	188323969	1800000000	104.6244272	2.838725
BRNA	2012	700	301829932	690000000	437.4346841	1.600239
	2013	455	305881179	690000000	443.3060565	1.026379
CEKA	2014	1500	537551172	297500000	1806.894696	0.830154
CPIN	2012	3650	8176464000	16398000000	498.6256861	7.32012
	2013	3375	9950900000	16398000000	606.8361995	5.561633
	2014	3780	10943289000	16398000000	667.3551043	5.664151
	2015	2600	12561427000	16398000000	766.0340895	3.394105
	2016	3090	14157243000	16398000000	863.3518112	3.579074

perusahaan	tahun	closing price	Ekuitas (ribuan rupiah)	jumlah lembar saham	nilai buku (ekuitas/jumlah lembar saham)	Pbv = closing price/nilai buku
DLTA	2012	255000	598211513	16013181	37357.44403	6.825949
	2013	380000	676557993	16013181	42250.06843	8.994068
	2014	390000	764473253	16013181	47740.2493	8.169207
	2015	5200	849621481	800659050	1061.15266	4.900332
	2016	5000	1012374008	800659050	1264.42586	3.954364
DPNS	2013	470	223427965	331129952	674.7440503	0.69656
	2014	353	236082522	331129952	712.9603365	0.495119
	2015	387	241296079	331129952	728.7050825	0.531079
	2016	400	263264403	331129952	795.0485947	0.503114
DVLA	2012	1690	841546479	1120000000	751.3807848	2.249192
	2013	2200	191717606	1120000000	171.1764339	12.85224
	2014	1690	962431483	1120000000	859.3138241	1.966685
	2015	1300	973517334	1120000000	869.2119054	1.495608
	2016	1755	1079579612	1120000000	963.9103679	1.820709
EKAD	2012	350	191977807	698775000	274.7347959	1.273956
	2013	390	237707561	698775000	340.1775407	1.14646
	2014	515	267906054	698775000	383.3938736	1.343266
	2015	400	291961417	698775000	417.8189217	0.957353
	2016	590	592004808	698775000	847.2037609	0.696409
FASW	2016	4100	3158442463	2477888787	1274.650614	3.216568
GGRM	2012	56300	26605713000	1924088000	13827.70071	4.071537
	2013	42000	29416271000	1924088000	15288.42288	2.747177
	2014	60700	33228720000	1924088000	17269.8546	3.514795
	2015	55000	38007909000	1924088000	19753.72696	2.784285
	2016	63900	39564228000	1924088000	20562.58757	3.107586
GJTL	2012	2225	5478384000	3484800000	1572.07989	1.415322
	2013	1680	5724343000	3484800000	1642.660411	1.022731
	2014	1425	5983292000	3484800000	1716.968549	0.829951
HMSP	2012	59900	13308420000	4383000000	3036.372348	19.72749
	2013	62400	14155035000	4383000000	3229.531143	19.32169
	2014	68650	13498114000	4383000000	3079.651837	22.29148
	2015	94000	32016060000	4652732076	6881.131232	13.66054
	2016	3830	34175014000	1.16318E+11	293.8065597	13.03579
ICBP	2012	7800	11986798000	5830954000	2055.718155	3.794294
	2013	10200	13265731000	5830954000	2275.053276	4.483411
	2014	13100	15039947000	5830954000	2579.3287	5.078841
	2015	13475	16386911000	5830954000	2810.331037	4.794809
	2016	8575	18500823000	5830954000	3172.863823	2.702606
IGAR	2012	375	242028852	1050000000	230.5036686	1.626872
	2013	295	225742775	972204500	232.1968012	1.270474
	2014	295	263451227	972204500	270.9833446	1.088628

perusahaan	tahun	closing price	Ekuitas (ribuan rupiah)	jumlah lembar saham	nilai buku (ekuitas/jumlah lembar saham)	Pbv = closing price/nilai buku
IMAS	2012	5300	5708445072	2765278412	2064.329236	2.56742
	2013	4900	6659870111	2765278412	2408.390447	2.034554
IMPC	2014	5100	984941570	483350000	2037.739878	2.502773
	2015	9250	1096879955	483350000	2269.328551	4.076096
	2016	1025	1225645183	483350000	253.5730181	4.042228
INAI	2013	600	126317803	158400000	797.4608775	0.752388
	2014	600	145842104	316800000	460.3601768	1.303327
	2015	405	239820902	316800000	757.010423	0.534999
	2016	645	258016602	316800000	814.4463447	0.791949
INCI	2016	306	242826462	181035556	1341.319172	0.228134
INDF	2012	5850	34142674000	8780426500	3888.498355	1.504437
	2013	6600	38373129000	8780426500	4370.303538	1.510193
	2014	6600	41228376000	8780426500	4695.486717	1.405605
	2015	5175	43121593000	8780426500	4911.104603	1.053734
	2016	7925	43941423000	8780426500	5004.474783	1.583583
INDS	2012	4200	1136572862	315000000	3608.167816	1.164026
	2013	2675	1752865614	525000000	3338.791646	0.801188
	2014	2675	1828318552	656249710	2786.010453	0.960154
	2015	350	1919038918	656249710	2924.251072	0.119689
INTP	2012	22450	19418738000	3681231699	5275.06541	4.255871
	2013	20000	22947271000	3681231699	6233.585081	3.208427
	2014	20000	24784801000	3681231699	6732.746816	2.970556
	2015	22325	23865950000	3681231699	6483.142587	3.443546
	2016	15400	26138703000	3681231699	7100.53187	2.168852
JECC	2012	1900	142875793	151200000	944.9457209	2.010698
	2013	2850	147660344	151200000	976.5895767	2.918319
	2015	1350	367756259	151200000	2432.25039	0.555042
	2016	3500	470338342	151200000	3110.70332	1.125147
JPFA	2012	6150	4763327000	1549786582	3073.537386	2.000952
	2013	1220	5245222000	1549786582	3384.480199	0.360469
	2014	1220	5289994000	7748932910	682.6738677	1.787091
	2016	1455	9372964000	8498932910	1102.840098	1.319321
KAEF	2012	740	1441533690	11107999999	129.7743689	5.702205
	2013	590	1624354689	11107999999	146.2328672	4.034661
	2014	1465	1811143950	11107999999	163.0486091	8.985051
	2015	870	1862096822	11107999999	167.635652	5.189827
	2016	2750	2271407409	11107999999	204.4839223	13.44849
KBLM	2016	240	320655277	1120000000	286.2993545	0.838283
KBLI	2014	142	940756718	4007235107	234.7645429	0.604861
	2015	119	1027361931	4007235107	256.3767544	0.464161
	2016	179	1321345840	4007235107	329.7400339	0.542852

perusahaan	tahun	closing price	Ekuitas (ribuan rupiah)	jumlah lembar saham	nilai buku (ekuitas/jumlah lembar saham)	Pbv = closing price/nilai buku
KIAS	2013	155	2047100561	14929100000	137.1214983	1.130384
	2014	155	2116797023	14929100000	141.7899956	1.093166
KLBF	2012	1060	7371643615	3904950000	1887.769015	0.561509
	2013	1250	8499957965	46875122100	181.3319643	6.893434
	2014	1250	9817475678	46875122100	209.4389356	5.968327
	2015	1320	10938285985	46875122100	233.3494932	5.656751
	2016	1515	12463847141	46875122100	265.8947131	5.697744
KRAS	2012	640	1115986000	31549999999	35.37198098	18.09342
LION	2012	10400	371829387	52016000	7148.365637	1.454878
	2013	12000	415784338	52016000	7993.393148	1.50124
	2014	12000	443978957	52016000	8535.430579	1.405904
	2015	1050	454599497	52016000	8739.608909	0.120143
	2016	1050	470603093	52016000	9047.275704	0.116057
MAIN	2012	2375	681870544	1695000000	402.2835068	5.903797
	2013	3175	862483189	1695000000	508.8396395	6.239687
MBTO	2012	380	434562913	1070000000	406.1335636	0.935653
	2013	305	451318465	1070000000	421.7929579	0.723104
MERK	2012	152000	416741865	22400000	18604.54754	8.170046
	2013	189000	512218622	22400000	22866.90277	8.265221
	2014	189000	553690856	22400000	24718.34179	7.646144
	2015	6775	473543282	22400000	21140.32509	0.320478
	2016	9200	582672469	22400000	26012.16379	0.353681
MLBI	2012	740000	329853000	21070000	15655.10204	47.26893
	2013	1200000	987533000	21070000	46869.15045	25.6032
	2014	11950	553797000	2107000000	262.8367347	45.46549
	2015	8200	766480000	2107000000	363.7778832	22.54123
	2016	11750	820640000	2107000000	389.4826768	30.16822
MRAT	2012	490	385886711	428000000	901.604465	0.543476
MYOR	2012	20000	3067850327	766584000	4001.975422	4.997532
	2013	26000	3938760820	894347989	4404.058452	5.903646
	2014	26000	4100554993	894347989	4584.965856	5.670707
	2015	30500	5194459927	894347989	5808.097062	5.25129
	2016	1645	6265255987	22358699725	280.2155789	5.87048
RICY	2012	174	366957389	641717510	571.836335	0.304283
	2014	173	396313108	641717510	617.5818827	0.280125
	2015	159	400079043	641717510	623.4504073	0.255032
	2016	154	412499070	641717510	642.80476	0.239575
ROTI	2012	6900	666607597	1012360000	658.4689211	10.47885
	2013	1020	787337650	5061800000	155.5449939	6.557588
	2014	1020	960122355	5061800000	189.6800259	5.377477
	2015	1265	1189534952	5061800000	235.0023612	5.382925

perusahaan	tahun	closing price	Ekuitas (ribuan rupiah)	jumlah lembar saham	nilai buku (ekuitas/jumlah lembar saham)	Pbv = closing price/nilai buku
	2016	1600	1442751772	5061800000	285.0274155	5.613495
SCCO	2012	4050	654044665	205583400	3181.407959	1.273021
	2013	4400	707611129	205583400	3441.966273	1.278339
	2014	4400	814392520	205583400	3961.372951	1.110726
	2015	3725	922352504	205583400	4486.512549	0.830266
	2016	7275	1220420673	205583400	5936.377514	1.225495
SIPD	2012	50	1276742767	9391108493	135.9522966	0.367776
SKLT	2012	180	129482560	690740500	187.4547098	0.960232
	2013	180	139650354	690740500	202.1748457	0.890318
	2014	180	153368107	690740500	222.0343342	0.810685
	2015	370	152044668	690740500	220.1183628	1.680914
	2016	308	296151296	690740500	428.744653	0.718376
SMCB	2012	2900	8418056000	7662900000	1098.547025	2.639851
	2013	2275	8772947000	7662900000	1144.859909	1.987143
	2014	2275	8758592000	7662900000	1142.986598	1.9904
	2015	995	8449857000	7662900000	1102.697021	0.902333
SMGR	2012	15850	18164854648	5931520000	3062.42829	5.175631
	2013	14150	21803975875	5931520000	3675.950831	3.849344
	2014	14150	25002451936	5931520000	4215.18463	3.356911
	2015	11400	27440798401	5931520000	4626.267534	2.46419
	2016	9175	30574391457	5931520000	5154.562651	1.779976
SMSM	2012	2525	820328603	1439668860	569.8036721	4.431351
	2013	3450	1006799010	1439668860	699.3267952	4.933316
	2014	3450	1146837000	1439668860	796.5977676	4.330918
	2015	4760	1440248000	5758675440	250.1005683	19.03234
	2016	980	1580055000	5758675440	274.3781997	3.571712
SPMA	2012	290	779492563	1492046658	522.431761	0.555096
SQBI & SQBB	2012	238000	325359028	9268000	35105.6353	6.779538
	2013	304000	347052274	9268000	37446.29629	8.118293
	2014	304000	368878943	9268000	39801.35337	7.637931
	2015	338000	354053487	9268000	38201.71418	8.847771
	2016	413500	354829699	9268000	38285.46601	10.80044
TCID	2012	11000	1096821576	201066667	5455.01446	2.016493
	2013	11900	1182990690	201066667	5883.574377	2.02258
	2014	11900	1283504442	201066667	6383.476989	1.864188
	2015	16500	1714871478	201066667	8528.870069	1.934606
	2016	12500	1783158507	201066667	8868.493886	1.409484
TOTO	2012	6650	898164900	495360000	1813.155887	3.667638
	2013	7700	1035650414	495360000	2090.702548	3.682973
	2014	7700	1231192323	990720000	1242.724809	6.196062

perusahaan	tahun	closing price	Ekuitas (ribuan rupiah)	jumlah lembar saham	nilai buku (ekuitas/jumlah lembar saham)	Pbv = closing price/nilai buku
	2015	6950	1491542919	1032000000	1445.293526	4.808712
	2016	498	1523874519	1032000000	1476.622596	0.337256
TRIS	2012	340	242556471	1000000000	242.556471	1.401735
	2013	400	282306468	1002589000	281.5774639	1.420568
	2014	400	309510415	1043763025	296.5332241	1.348921
	2015	300	337810853	1045446325	323.1259654	0.92843
	2016	336	346627180	1045531525	331.5320215	1.013477
TRST	2012	345	1352992459	2808000000	481.8349213	0.716013
	2013	250	1709677140	2808000000	608.8593803	0.410604
	2014	250	1761493183	2808000000	627.3123871	0.398526
	2015	310	1956920690	2808000000	696.9090776	0.444821
	2016	300	1932355184	2808000000	688.1606781	0.435945
TSPC	2012	3725	3353156080	4500000000	745.1457956	4.999022
	2013	3250	3862951854	4500000000	858.4337453	3.785965
	2014	3250	4132338998	4500000000	918.2975551	3.539158
	2015	1750	4337140975	4500000000	963.8091056	1.815712
	2016	1970	4635273143	4500000000	1030.060698	1.912509
ULTJ	2013	4500	2015146534	2888382000	697.6731381	6.450012
	2014	4500	2265097760	2888382000	784.2099002	5.73826
	2015	3945	2797505694	2888382000	968.5372967	4.073152
	2016	4570	3489233495	2888382000	1208.023556	3.783039
UNVR	2012	20850	3968365000	7630000000	520.1002621	40.08842
	2013	26000	4254670000	7630000000	557.6238532	46.62641
	2014	26000	4598782000	7630000000	602.7237221	43.13751
	2015	37000	4827360000	7630000000	632.6815203	58.48124
	2016	38800	4704258000	7630000000	616.5475754	62.93107
VOKS	2012	1030	603066053	831120519	725.6060213	1.419503
	2013	740	601249018	831120519	723.419774	1.022919
WIIM	2012	760	656304364	2099873760	312.544676	2.431652
	2013	670	781359304	2099873760	372.0982275	1.8006
	2014	670	854425098	2099873760	406.8935544	1.646622
	2015	430	943708981	2099873760	449.4122451	0.956805
	2016	440	991093392	2099873760	471.9776069	0.932248

Lampiran DPR

perusahaan	tahun	laba	dividen	DPR
AISA	2013	346728000	23408000	0.067511133
	2015	373750000	24871000	0.066544482
AKPI	2014	34690704	10408218	0.300029022
	2015	27644714	4897986	0.177176223
	2016	52393857	5510233	0.105169448
ALDO	2014	21061035	825000	0.039171864
ALMI	2012	13949141	15330007	1.098992906
	2013	26118732	6134875	0.234884105
	2014	1948963	12266480	6.293849601
AMFG	2012	346609000	34720000	0.100170509
	2013	338358000	34720000	0.102613208
	2014	458635000	34720000	0.075702901
	2015	341346000	34720000	0.101714975
	2016	260444000	34720000	0.133310808
ARNA	2012	158684349	36707155	0.231321836
	2013	215642330	279560	0.001296406
	2014	261651053	117462896	0.448929575
	2015	71209943	88097712	1.237154648
	2016	91375911	415550	0.004547697
ASII	2012	22742000000	8253000000	0.362896843
	2013	22297000000	8659000000	0.388348208
	2014	22125000000	8739000000	0.394983051
	2015	16454000000	8739000000	0.531117054
	2016	18302000000	6797000000	0.371380177
AUTO	2012	1135914000	314226000	0.276628336
	2013	1058015000	554987000	0.524554945
	2014	956409000	439535000	0.45956803
	2015	322701000	278899000	0.864264443
	2016	483421000	125313000	0.259221258
BAJA	2014	14077852	1701000	0.120828092
BRNA	2012	54496290	13152877	0.241353622
	2013	12219421	15733992	1.287621729
CEKA	2014	41001415	29659570	0.723379181
CPIN	2012	2680872000	688716000	0.256899994
	2013	2528690000	754308000	0.29829991
	2014	1746644000	754308000	0.431861329
	2015	1832598000	295164000	0.161063146
	2016	2225402000	475542000	0.213688134
DLTA	2012	213421077	187830906	0.88009539
	2013	270498062	191869037	0.709317603

perusahaan	tahun	laba	dividen	DPR
	2014	288073432	144831127	0.502757668
	2015	192045199	156878293	0.816882139
	2016	254509268	96034454	0.377331854
DPNS	2013	66813230	4550540	0.068108367
	2014	14519866	6054354	0.416970377
	2015	9859176	4540311	0.460516274
	2016	10009391	1513308	0.151188819
DVLA	2012	148909089	35280000	0.23692308
	2013	125796473	52640000	0.418453703
	2014	80929476	24640000	0.304462616
	2015	107894430	78114771	0.723992619
	2016	105083400	39057386	0.371679885
EKAD	2012	36197747	4743813	0.131052714
	2013	39450653	5386395	0.136535002
	2014	40985863	6050899	0.147633807
	2015	47040256	6050347	0.128620622
	2016	90685821	6726951	0.074178641
FASW	2016	778012762	2098701245	2.697515192
GGRM	2012	4068711000	1924088000	0.472898665
	2013	4383932000	1539270000	0.351116304
	2014	5395293000	1539270000	0.285298685
	2015	6452834000	1539270000	0.238541701
	2016	6672682000	5002629000	0.74971788
GJTL	2012	1132247000	34770000	0.030708847
	2013	120330000	93873000	0.780129643
	2014	269868000	34799000	0.128948227
HMSP	2012	9945296000	6793650000	0.68310184
	2013	10818486000	9945027000	0.919262363
	2014	10181083000	10650690000	1.046125447
	2015	10363308000	12250485000	1.182101796
	2016	12762229000	10352309000	0.811167783
ICBP	2012	2282371000	7350000	0.003220335
	2013	2235040000	1084557000	0.485251718
	2014	2531681000	1107882000	0.437607266
	2015	2923148000	1294472000	0.442834916
	2016	3631301000	1492724000	0.411071404
IGAR	2012	44507701	91546184	2.056861665
	2013	35030416	38757164	1.106386062
	2014	54898875	9688368	0.176476622
IMAS	2012	899090885	173471426	0.192940924
	2013	621139762	84311717	0.135737111
IMPC	2014	289798712	274275619	0.946434914

perusahaan	tahun	laba	dividen	DPR
	2015	76796547	40000	0.000520857
	2016	102543505	9697000	0.094564741
INAI	2013	5019541	7920000	1.577833511
	2014	22058701	2534400	0.114893438
	2015	28615673	11088000	0.387479966
	2016	35552975	14256000	0.400979102
INCI	2016	9988836	1798233	0.180024279
INDF	2012	4779446000	1817860000	0.380349522
	2013	3414886000	1624380000	0.475676201
	2014	4401080000	1246821000	0.283298872
	2015	3231713000	1931694000	0.597730677
	2016	4852481000	1475112000	0.303991298
INDS	2012	134068283	35389916	0.263969339
	2013	147608449	255755974	1.732664869
	2014	127657349	51661200	0.404686455
	2015	1933819	35538750	18.37749552
INTP	2012	4763388000	1078354000	0.226383826
	2013	5012294000	1658442000	0.330874845
	2014	5274009000	3312009000	0.627986983
	2015	4356661000	4968028000	1.140329257
	2016	3870319000	1527247000	0.394604941
JECC	2012	31770770	16632000	0.52350006
	2013	22553551	17121832	0.759163468
	2015	2464669	9072000	3.680818804
	2016	132423161	28001071	0.211451462
JPFA	2012	1074577000	159604000	0.148527281
	2013	640637000	212804000	0.332175631
	2014	384846000	106402000	0.276479423
	2016	2171608000	239603000	0.11033437
KAEF	2012	205763997	34352788	0.166952375
	2013	215642330	30769803	0.142689068
	2014	236531071	53855793	0.227690141
	2015	252972506	46925136	0.185495004
	2016	271597948	49769803	0.183248082
KBLM	2016	34528844	3131733	0.09069904
KBLI	2014	70080136	15999934	0.228309117
	2015	115371099	15991395	0.138608327
	2016	334338838	28029828	0.08383659
KIAS	2013	75360306	3522369	0.046740375
	2014	92239403	22163028	0.240277227
KLBF	2012	1775098848	916043088	0.516051875
	2013	1970452450	900693452	0.457099816

perusahaan	tahun	laba	dividen	DPR
	2014	2121090582	809531264	0.381658035
	2015	2057694282	906708540	0.44064298
	2016	2350884933	902010022	0.383689567
KRAS	2012	19560000	25242000	1.290490798
LION	2012	85373722	15332542	0.179593224
	2013	64761351	20557419	0.317433449
	2014	49001630	20525198	0.418867658
	2015	46018637	20486754	0.44518385
	2016	41345417	20612164	0.498535642
MAIN	2012	302421030	42375000	0.140119224
	2013	241632645	61020000	0.252532103
MBTO	2012	45523079	10700000	0.235045613
	2013	16162858	252	1.55913E-05
MERK	2012	107808155	185699699	1.72250141
	2013	175444757	79356638	0.452316954
	2014	150375493	139752919	0.929359673
	2015	142545462	219760581	1.541687669
	2016	153842847	44710694	0.290625758
MLBI	2012	453405000	651311000	1.436488349
	2013	1171299000	505528000	0.431596031
	2014	794883000	1219895000	1.534684979
	2015	469909000	289971000	0.617079051
	2016	982129000	922813000	0.939604675
MRAT	2012	30751408	6966959	0.226557399
MYOR	2012	744428404	99655920	0.133869046
	2013	1058418939	182714320	0.172629488
	2014	409824768	205700037	0.501921926
	2015	1250233128	149095678	0.119254301
	2016	1388676128	274920746	0.197973264
RICY	2012	16978453	2566870	0.151183974
	2014	15111531	2566870	0.169861677
	2015	13465713	2566870	0.190622658
	2016	14033426	1925152	0.137183322
ROTI	2012	149149548	28983133	0.194322634
	2013	158015271	37285219	0.235959593
	2014	188577521	15715868	0.083339032
	2015	270538700	90756681	0.335466538
	2016	279777369	53698271	0.191932147
SCCO	2012	169741649	36754981	0.216534841
	2013	104962314	51280430	0.488560399
	2014	137618901	30630281	0.222573213
	2015	159543050	41065704	0.257395756

perusahaan	tahun	laba	dividen	DPR
	2016	340593630	45916625	0.134813517
SIPD	2012	15061473	9212412	0.611654119
SKLT	2012	7962694	1381481	0.173494172
	2013	11440014	2072221	0.181137978
	2014	16480715	2762962	0.167648188
	2015	20066792	3453703	0.17211037
	2016	20646121	4144443	0.200737126
SMCB	2012	1350791000	490608000	0.363200525
	2013	952305000	651229000	0.683844987
	2014	668869000	666672000	0.996715351
	2015	199488000	236903000	1.187555141
SMGR	2012	4923639847	1962720885	0.398632099
	2013	5354298521	2181263329	0.407385453
	2014	5573577279	2416611132	0.433583498
	2015	4525441038	2226339531	0.491960786
	2016	4535036823	1808588162	0.398803413
SMSM	2012	268543331	187156951	0.6969339
	2013	338222792	121371853	0.358851786
	2014	421467000	223149000	0.529457822
	2015	461307000	179959000	0.390106805
	2016	502192000	280734000	0.559017268
SPMA	2012	39893051	11901765	0.298341809
SQBI & SQBB	2012	135248606	112302472	0.830341068
	2013	149521096	128260601	0.857809396
	2014	164808009	142810019	0.866523538
	2015	150207262	163036678	1.085411423
	2016	165195371	163022932	0.986849274
TCID	2012	150373852	74347430	0.494417274
	2013	160148466	74341892	0.464206082
	2014	174314394	74340910	0.426476026
	2015	544474278	78288848	0.143787964
	2016	162059596	82435302	0.50867276
TOTO	2012	235945643	99276400	0.420759624
	2013	236557513	97615308	0.412649367
	2014	293803909	148219336	0.50448388
	2015	285236781	115228630	0.403975355
	2016	168564584	117611410	0.697723135
TRIS	2012	44393034	2000000	0.045052113
	2013	48195237	9004641	0.186836741
	2014	35944155	9843309	0.27385006
	2015	44185601	9930732	0.224750411

perusahaan	tahun	laba	dividen	DPR
	2016	25213015	8363570	0.331716377
TRST	2012	61453059	55902643	0.909680395
	2013	32965552	29569531	0.896982735
	2014	30084477	14002810	0.465449674
	2015	25314103	13967384	0.551762944
	2016	33794867	13977273	0.413591597
TSPC	2012	635176094	260838811	0.410655901
	2013	638535109	260777124	0.408399038
	2014	584293062	261013141	0.44671614
	2015	529218652	223672110	0.422645931
	2016	545493536	176072796	0.322777053
ULTJ	2013	325127421	989991	0.003044932
	2014	283360914	49408062	0.174364422
	2015	523100215	5350	1.02275E-05
	2016	709825636	8166887	0.011505483
UNVR	2012	4839145000	4537777000	0.937722883
	2013	5352625000	5058527000	0.94505537
	2014	5738523000	5126717000	0.893386155
	2015	5851805000	5592332000	0.955659322
	2016	6390672000	5834184000	0.912921834
VOKS	2012	147020574	39626427	0.269529807
	2013	39092753	41725808	1.067354044
WIIM	2012	77301783	72025676	0.931746633
	2013	132322208	7559545	0.057129828
	2014	112304822	39687614	0.353391896
	2015	131081111	28348296	0.216265302
	2016	106290307	52496844	0.493900577

Lampiran profitabilitas

perusahaan	tahun	laba	ekuitas	profitabilitas
AISA	2013	346728000	2356773000	0.147119812
	2015	373750000	3966907000	0.094216981
AKPI	2014	34690704	1035845653	0.033490225
	2015	27644714	1107565893	0.024959882
	2016	52393857	1120035169	0.046778761
ALDO	2014	21061035	159422656	0.132108168
ALMI	2012	13949141	587883021	0.023727749
	2013	26118732	657341556	0.039733882
	2014	1948963	641035778	0.003040334
AMFG	2012	346609000	2457089000	0.141064894
	2013	338358000	2760727000	0.122561195
	2014	458635000	3184642000	0.144014618
	2015	341346000	3390223000	0.100685412
ARNA	2016	260444000	3599264000	0.072360349
	2012	158684349	604808179	0.262371368
	2013	215642330	1624354689	0.132755692
	2014	261651053	912230541	0.286825579
	2015	71209943	894728477	0.079588327
	2016	91375911	948088201	0.096379125
	2012	22742000000	89814000000	0.253212194
	2013	22297000000	1.06188E+11	0.209976645
ASII	2014	22125000000	1.20324E+11	0.183878528
	2015	16454000000	1.26533E+11	0.130037223
	2016	18302000000	1.39906E+11	0.130816405
	2012	1135914000	5485099000	0.207090884
AUTO	2013	1058015000	9558754000	0.110685451
	2014	956409000	10136557000	0.094352451
	2015	322701000	10143426000	0.031813807
	2016	483421000	10536558000	0.045880353
	2014	14077852	188323969	0.074753374
BRNA	2012	54496290	301829932	0.180552968
	2013	12219421	305881179	0.03994826
CEKA	2014	41001415	537551172	0.076274441
CPIN	2012	2680872000	8176464000	0.327876696
	2013	2528690000	9950900000	0.254116713
	2014	1746644000	10943289000	0.159608688
	2015	1832598000	12561427000	0.145890909
DLTA	2016	2225402000	14157243000	0.157191764
	2012	213421077	598211513	0.356765245
	2013	270498062	676557993	0.399815041

perusahaan	tahun	laba	ekuitas	profitabilitas
	2014	288073432	764473253	0.376826044
	2015	192045199	849621481	0.226036186
	2016	254509268	1012374008	0.251398461
DPNS	2013	66813230	223427965	0.299037007
	2014	14519866	236082522	0.06150335
	2015	9859176	241296079	0.040859247
	2016	10009391	263264403	0.038020298
DVLA	2012	148909089	841546479	0.176946957
	2013	125796473	191717606	0.656155038
	2014	80929476	962431483	0.084088558
	2015	107894430	973517334	0.11082949
	2016	105083400	1079579612	0.097337333
EKAD	2012	36197747	191977807	0.188551727
	2013	39450653	237707561	0.165962971
	2014	40985863	267906054	0.152985953
	2015	47040256	291961417	0.161118056
	2016	90685821	592004808	0.153184264
FASW	2016	778012762	3158442463	0.246327983
GGRM	2012	4068711000	26605713000	0.152926216
	2013	4383932000	29416271000	0.149030854
	2014	5395293000	33228720000	0.162368367
	2015	6452834000	38007909000	0.169776085
	2016	6672682000	39564228000	0.168654422
GJTL	2012	1132247000	5478384000	0.206675363
	2013	120330000	5724343000	0.021020753
	2014	269868000	5983292000	0.045103598
HMSP	2012	9945296000	13308420000	0.747293518
	2013	10818486000	14155035000	0.764285359
	2014	10181083000	13498114000	0.754259669
	2015	10363308000	32016060000	0.323690923
	2016	12762229000	34175014000	0.373437418
ICBP	2012	2282371000	11986798000	0.190407063
	2013	2235040000	13265731000	0.168482234
	2014	2531681000	15039947000	0.168330447
	2015	2923148000	16386911000	0.178383101
	2016	3631301000	18500823000	0.196277809
IGAR	2012	44507701	242028852	0.183894195
	2013	35030416	225742775	0.155178459
	2014	54898875	263451227	0.208383448
IMAS	2012	899090885	5708445072	0.15750189
	2013	621139762	6659870111	0.093266047
IMPC	2014	289798712	984941570	0.294229344

perusahaan	tahun	laba	ekuitas	profitabilitas
	2015	76796547	1096879955	0.07001363
	2016	102543505	1225645183	0.083664919
INAI	2013	5019541	126317803	0.039737399
	2014	22058701	145842104	0.151250568
	2015	28615673	239820902	0.119321013
	2016	35552975	258016602	0.137793362
INCI	2016	9988836	242826462	0.041135698
INDF	2012	4779446000	34142674000	0.139984525
	2013	3414886000	38373129000	0.088991596
	2014	4401080000	41228376000	0.106748808
	2015	3231713000	43121593000	0.074944193
	2016	4852481000	43941423000	0.110430675
INDS	2012	134068283	1136572862	0.117958371
	2013	147608449	1752865614	0.084209792
	2014	127657349	1828318552	0.069822269
	2015	1933819	1919038918	0.001007702
INTP	2012	4763388000	19418738000	0.245298536
	2013	5012294000	22947271000	0.218426583
	2014	5274009000	24784801000	0.212792066
	2015	4356661000	23865950000	0.182547144
	2016	3870319000	26138703000	0.148068517
JECC	2012	31770770	142875793	0.22236636
	2013	22553551	147660344	0.152739391
	2015	2464669	367756259	0.006701909
	2016	132423161	470338342	0.281548726
JPFA	2012	1074577000	4763327000	0.225593792
	2013	640637000	5245222000	0.122137252
	2014	384846000	5289994000	0.072749799
	2016	2171608000	9372964000	0.231688503
KAEF	2012	205763997	1441533690	0.142739638
	2013	215642330	1624354689	0.132755692
	2014	236531071	1811143950	0.13059761
	2015	252972506	1862096822	0.135853573
	2016	271597948	2271407409	0.119572538
KBLM	2016	34528844	320655277	0.107682132
KBLI	2014	70080136	940756718	0.074493368
	2015	115371099	1027361931	0.112298398
	2016	334338838	1321345840	0.253029016
KIAS	2013	75360306	2047100561	0.036813192
	2014	92239403	2116797023	0.043574987
KLBF	2012	1775098848	7371643615	0.240800958
	2013	1970452450	8499957965	0.231819082

perusahaan	tahun	laba	ekuitas	profitabilitas
	2014	2121090582	9817475678	0.216052543
	2015	2057694282	10938285985	0.18811853
	2016	2350884933	12463847141	0.188616316
KRAS	2012	19560000	1115986000	0.017527102
LION	2012	85373722	371829387	0.229604558
	2013	64761351	415784338	0.155757072
	2014	49001630	443978957	0.110369262
	2015	46018637	454599497	0.101228966
	2016	41345417	470603093	0.087856237
MAIN	2012	302421030	681870544	0.443516783
	2013	241632645	862483189	0.280159252
MBTO	2012	45523079	434562913	0.104756015
	2013	16162858	451318465	0.035812534
MERK	2012	107808155	416741865	0.258692884
	2013	175444757	512218622	0.342519287
	2014	150375493	553690856	0.27158746
	2015	142545462	473543282	0.301018867
	2016	153842847	582672469	0.264029717
MLBI	2012	453405000	329853000	1.374566853
	2013	1171299000	987533000	1.186085933
	2014	794883000	553797000	1.435332802
	2015	469909000	766480000	0.613074053
	2016	982129000	820640000	1.196784217
MRAT	2012	30751408	385886711	0.079690249
MYOR	2012	744428404	3067850327	0.242654734
	2013	1058418939	3938760820	0.268718764
	2014	409824768	4100554993	0.099943732
	2015	1250233128	5194459927	0.240685874
	2016	1388676128	6265255987	0.221647149
RICY	2012	16978453	366957389	0.046268187
	2014	15111531	396313108	0.038130283
	2015	13465713	400079043	0.033657631
	2016	14033426	412499070	0.034020503
ROTI	2012	149149548	666607597	0.223744147
	2013	158015271	787337650	0.200695688
	2014	188577521	960122355	0.196409885
	2015	270538700	1189534952	0.227432325
	2016	279777369	1442751772	0.193919269
SCCO	2012	169741649	654044665	0.259526081
	2013	104962314	707611129	0.148333328
	2014	137618901	814392520	0.168983503
	2015	159543050	922352504	0.172974052

perusahaan	tahun	laba	ekuitas	profitabilitas
	2016	340593630	1220420673	0.279078876
SIPD	2012	15061473	1276742767	0.011796795
SKLT	2012	7962694	129482560	0.061496266
	2013	11440014	139650354	0.081918976
	2014	16480715	153368107	0.107458554
	2015	20066792	152044668	0.131979584
	2016	20646121	296151296	0.069714775
SMCB	2012	1350791000	8418056000	0.160463532
	2013	952305000	8772947000	0.108550183
	2014	668869000	8758592000	0.076367183
	2015	199488000	8449857000	0.023608447
SMGR	2012	4923639847	18164854648	0.271053083
	2013	5354298521	21803975875	0.245565238
	2014	5573577279	25002451936	0.222921228
	2015	4525441038	27440798401	0.164916522
	2016	4535036823	30574391457	0.148327951
SMSM	2012	268543331	820328603	0.327360682
	2013	338222792	1006799010	0.335938741
	2014	421467000	1146837000	0.367503839
	2015	461307000	1440248000	0.320296921
	2016	502192000	1580055000	0.317831974
SPMA	2012	39893051	779492563	0.051178232
SQBI & SQBB	2012	135248606	325359028	0.415690343
	2013	149521096	347052274	0.430831627
	2014	164808009	368878943	0.446780745
	2015	150207262	354053487	0.424250198
	2016	165195371	354829699	0.465562413
TCID	2012	150373852	1096821576	0.137099648
	2013	160148466	1182990690	0.135375931
	2014	174314394	1283504442	0.13581129
	2015	544474278	1714871478	0.317501507
	2016	162059596	1783158507	0.090883449
TOTO	2012	235945643	898164900	0.262697466
	2013	236557513	1035650414	0.228414444
	2014	293803909	1231192323	0.238633643
	2015	285236781	1491542919	0.191236053
	2016	168564584	1523874519	0.11061579
TRIS	2012	44393034	242556471	0.183021438
	2013	48195237	282306468	0.170719564
	2014	35944155	309510415	0.116132296
	2015	44185601	337810853	0.130799827

perusahaan	tahun	laba	ekuitas	profitabilitas
	2016	25213015	346627180	0.072738136
TRST	2012	61453059	1352992459	0.045420105
	2013	32965552	1709677140	0.019281741
	2014	30084477	1761493183	0.017078963
	2015	25314103	1956920690	0.012935682
	2016	33794867	1932355184	0.017488952
TSPC	2012	635176094	3353156080	0.189426343
	2013	638535109	3862951854	0.165297196
	2014	584293062	4132338998	0.141395239
	2015	529218652	4337140975	0.122020164
	2016	545493536	4635273143	0.117683148
ULTJ	2013	325127421	2015146534	0.161341826
	2014	283360914	2265097760	0.125098757
	2015	523100215	2797505694	0.186988079
	2016	709825636	3489233495	0.203433114
UNVR	2012	4839145000	3968365000	1.21943042
	2013	5352625000	4254670000	1.258058792
	2014	5738523000	4598782000	1.247835405
	2015	5851805000	4827360000	1.212216408
	2016	6390672000	4704258000	1.358486716
VOKS	2012	147020574	603066053	0.243788509
	2013	39092753	601249018	0.065019238
WIIM	2012	77301783	656304364	0.117783436
	2013	132322208	781359304	0.169348733
	2014	112304822	854425098	0.131439049
	2015	131081111	943708981	0.13889993
	2016	106290307	991093392	0.107245501

Lampiran fcf

pers	tahun	kas operasi	aktiva lancar t	aktiva lancar t-1	aktiva tetap t	aktiva tetap t-1	hutang lancar t	hutang lancar t-1	fcf	aset	fcf/aset
AISA	2013	78729000	2445504000	1544940000	1443553000	1233721000	1397224000	1216997000	-851440000	5020824000	-0.1695817
	2015	399185000	4463635000	3977086000	2290408000	1785691000	2750456000	1493308000	665067000	9060979000	0.07339902
AKPI	2014	374349492	920128174	943606169	1060731359	996050515	812876509	696166400	449856752	2227042590	0.20199737
	2015	-50796252	1015820277	920128174	1692447314	10607313359	985625515	812876508	8941126697	2883143132	3.10117337
	2016	384621003	870146141	1015820277	1622384162	1692447314	770887902	985625151	385621042	2615909190	0.14741377
ALDO	2014	-29883	245345790	195585659	110792834	105218294	184602687	150482941	-21244808	356814266	-0.0595402
ALMI	2012	-28929202	1196172098	1214524953	684845821	630003801	925798582	1010834784	-150454569	1881568514	-0.0799623
	2013	-713749446	1934929089	1196172098	817149141	684845821	1826964300	925798582	-683644039	2752078230	-0.2484101
	2014	-935671862	2428476990	1934929089	783961991	817149141	2370051137	1826964300	-852945776	3212438981	-0.2655135
AMFG	2012	411135000	1658468000	1473425000	1384995000	1152779000	426669000	333132000	87413000	3115421000	0.02805817
	2013	551871000	1980116000	1658468000	1478147000	1384995000	473960000	426669000	184362000	3539393000	0.05208859
	2014	564250000	2263728000	1980116000	1530836000	1478147000	398238000	473960000	152227000	3918391000	0.03884936
	2015	366837000	2231181000	2263728000	1822896000	1530836000	479376000	398238000	188462000	4270275000	0.04413346
	2016	333042000	1787723000	2231181000	3520207000	1822896000	885086000	479376000	-515101000	5504890000	-0.0935715
ARNA	2012	237695889	323837016	261065744	598524658	564891050	277678054	257010979	161958084	937359770	0.17278113
	2013	253783665	1810614614	323837016	498644378	598524658	746123148	277678054	-664668559	2471939549	-0.2688854
	2014	238937996	507458460	1810614614	736206333	705760636	315672703	311780562	1515540594	1259175443	1.20359764
	2015	111918147	509178007	507458460	884792151	736206333	498857921	315672703	144798000	1430779475	0.10120218
	2016	95618365	642892046	509178007	858698468	884792151	476631151	498857921	-34228761	1543216299	-0.0221801
ASII	2012	8932000000	75799000000	66065000000	34326000000	28983000000	54178000000	49169000000	-1136000000	1.82274E+11	-0.0062324
	2013	21250000000	88352000000	75799000000	37862000000	34326000000	71139000000	54178000000	22122000000	2.13994E+11	0.10337673
	2014	14963000000	97241000000	88352000000	41250000000	37862000000	73523000000	71139000000	5070000000	2.36029E+11	0.02148041
	2015	26290000000	1.05161E+11	97241000000	41702000000	41250000000	76242000000	74241000000	19919000000	2.44141E+11	0.0815881
	2016	19407000000	1.10403E+11	1.05161E+11	43237000000	41702000000	89079000000	76242000000	25467000000	2.61855E+11	0.09725612
AUTO	2012	537785000	3205631000	2509443000	2084184000	1547831000	2751766000	1892818000	164192000	8881642000	0.01848667
	2013	551756000	5029517000	3205631000	3182962000	2084184000	2661312000	2751766000	-2461362000	12617678000	-0.1950725

pers	tahun	kas operasi	aktiva lancar t	aktiva lancar t-1	aktiva tetap t	aktiva tetap t-1	hutang lancar t	hutang lancar t-1	fcf	aset	fcf/aset
	2014	264565000	5138080000	4896682000	3305968000	3182962000	3857809000	2661312000	1096658000	14380926000	0.07625782
	2015	866768000	4796770000	5138080000	3507217000	3305968000	3625907000	3857809000	774927000	14339110000	0.05404289
	2016	1059369000	4903902000	4796770000	3599815000	3507217000	3258146000	3625907000	491878000	14612274000	0.03366197
BAJA	2014	71556366	652967003	545939946	298005180	268721840	780658457	664433841	51470585	974632970	0.05281022
BRNA	2012	101095907	333162076	297951510	427232116	335847908	342186183	295219837	21467479	770383930	0.02786595
	2013	103086504	456451073	333162076	639297618	427232116	562368619	342186183	-12085559	1125132715	-0.0107415
CEKA	2014	-147806952	1053321371	847045775	221559766	215529944	718681070	518961632	-160392932	1284150037	-0.124902
CPIN	2012	1689376000	7180890000	5225833000	4593000000	3198604000	2167652000	1357912000	-850337000	12348627000	-0.0688609
	2013	2061273000	8824900000	7180890000	6389545000	4593000000	2327048000	2167652000	-1219886000	15722197000	-0.07759
	2014	239221000	10009670000	8824900000	9058302000	6389545000	4467240000	2327048000	-1474114000	20862439000	-0.0706588
	2015	1707438000	12013294000	10009670000	11123465000	9058302000	5703842000	4467242000	-1124749000	24684915000	-0.0455642
	2016	4157137000	12059433000	12013294000	11233847000	11123465000	5550257000	5703842000	3847031000	24204994000	0.15893542
DLTA	2012	248441252	631333221	577644536	95121198	98160265	119919552	96129303	221581883	745306835	0.2973029
	2013	348712041	748111003	631333221	93078878	95121198	158990741	119919552	273047768	867040802	0.31491917
	2014	164246813	854176144	748111003	113596416	93078878	190952635	158990741	69626028	991947134	0.07019127
	2015	246625414	902006833	854176144	105314440	113596416	140419495	190952635	156543561	1038321916	0.15076592
	2016	259851506	1048133697	902006833	96275498	105314440	137842096	140419495	120186185	1197796650	0.10033939
DPNS	2013	-660730	167103003	107455825	11734068	10841508	16424251	12506012	-57282229	256372669	-0.2234334
	2014	5877780	175900992	167103003	12712559	11734068	14384941	16424251	-5938010	268877323	-0.0220845
	2015	5105993	185099466	183045202	12324439	12712559	13865123	14384941	2920031	274483110	0.01063829
	2016	14127914	174907377	185099466	11927710	12324439	11533925	13865123	22385534	296129566	0.07559371
DVLA	2012	119207439	826342540	696925499	218295222	194532415	191717606	142423794	15321403	1074691476	0.01425656
	2013	106931180	119207439	826342540	243055168	218295222	218295222	191717606	815883951	1190054288	0.68558549
	2014	104436317	925293721	119207439	267039943	243055168	178583390	218295222	-765346572	1236247525	-0.6190885
	2015	214166823	1043830034	925293721	258265183	267039943	296298118	178583390	222119998	1376278237	0.16139178
	2016	187475539	1068967094	1043830034	404599316	258265183	374427510	296298118	94133738	1531365558	0.06147046
EKAD	2012	28582923	180370886	155734438	85360513	74431794	74814330	81808619	-13976533	273893467	-0.0510291
	2013	23212237	229041255	180370886	104497530	85360513	98355432	74814330	-21054047	343601504	-0.0612746

pers	tahun	kas operasi	aktiva lancar t	aktiva lancar t-1	aktiva tetap t	aktiva tetap t-1	hutang lancar t	hutang lancar t-1	fcf	aset	fcf/aset
	2014	4641306	296439332	229041255	105345565	104497530	127248838	98355432	-34711400	411726183	-0.084307
	2015	100935448	284055203	296439332	96595733	105345565	79594447	127248838	74415018	389691595	0.19095875
	2016	84490481	337644084	284055203	354771515	96595733	69110450	79594447	-237758179	702508631	-0.3384416
FASW	2016	2206943981	2167035553	1718541457	6271722916	4916097744	2015616873	1609497396	808944190	8583223836	0.09424713
GGRM	2012	3953574000	29954021000	30381754000	10389326000	8189881000	13802317000	13534319000	2449860000	41509325000	0.05901951
	2013	2472971000	34604461000	29954021000	14788915000	10389326000	20094580000	13802317000	-284795000	50770251000	-0.0056095
	2014	1657776000	38532600000	34604461000	18973272000	14788915000	23783134000	20094580000	-2766166000	58220600000	-0.0475118
	2015	3200820000	42568431000	38532600000	20106488000	18973272000	24045086000	23783134000	-1706275000	63505413000	-0.0268682
	2016	6937650000	41933173000	42568431000	20498950000	20106488000	21638565000	24045086000	4773925000	62951634000	0.07583481
GJTL	2012	1707135000	5194057000	5073477000	6121783000	4588352000	3020030000	2900275000	172879000	12869793000	0.01343293
	2013	1299132000	6843853000	5194057000	6415815000	6121783000	2964235000	3020030000	-700491000	15350754000	-0.0456324
	2014	152146000	6283252000	6843853000	7611453000	6415815000	3116223000	2964235000	-330903000	16042897000	-0.0206261
HMSP	2012	4087495000	21128313000	14851460000	4115078000	3850665000	11897977000	8368408000	1075798000	26247527000	0.04098664
	2013	10802179000	21247830000	21128313000	4708669000	4115078000	12123790000	11897977000	10314884000	27404594000	0.37639251
	2014	11103195000	20777514000	21247830000	5919600000	4708669000	13600230000	12123790000	11839020000	28380630000	0.41715142
	2015	811163000	29807330000	20777514000	6281176000	5919600000	4538674000	13600230000	-17641785000	38010724000	-0.4641265
	2016	14076579000	33647496000	29807330000	6895483000	6281176000	6428478000	4538674000	11511910000	42508277000	0.27081573
ICBP	2012	3041616000	9888440000	8580311000	3839756000	2590036000	3579487000	2988540000	1074714000	17753480000	0.0605354
	2013	1993496000	11321715000	9888440000	4844407000	3839756000	4696583000	3579487000	672666000	21267470000	0.03162887
	2014	3860843000	13603527000	11321715000	5838843000	4844407000	6230997000	4696583000	2119009000	25029488000	0.0846605
	2015	3485533000	13961500000	13603527000	6555660000	5838843000	6002344000	6230997000	2182090000	26560624000	0.08215507
	2016	4584964000	15571362000	13961500000	7114288000	6555660000	6469785000	6002344000	2883915000	28901948000	0.09978272
IGAR	2012	32191725	265069749	322889430	43056656	28002611	60746703	55928177	79775887	312342760	0.25541135
	2013	31571765	262716285	265069749	48894720	43056656	77516948	60746703	44857410	314746645	0.1425191
	2014	25762821	302146092	262716285	46081516	48894720	73319694	77516948	-15051036	349894784	-0.0430159
IMAS	2012	-2876087842	9813158956	7386526255	1951053796	2040835802	7963486975	5415177785	-2664629347	17764505068	-0.1499974
	2013	-2354544752	11634955170	9813158956	3774428445	1951053796	10717554588	7963486975	-3245648002	22315022508	-0.1454468
IMPC	2014	97776774	1209092505	1156517453	398173013	435433690	581900349	702840657	-38477909	1736709881	-0.0221556

pers	tahun	kas operasi	aktiva lancar t	aktiva lancar t-1	aktiva tetap t	aktiva tetap t-1	hutang lancar t	hutang lancar t-1	fcf	aset	fcf/aset
	2015	117482963	897761062	1209092505	465913155	398173013	395268031	581900349	174441946	2276031922	0.07664301
	2016	164657519	1261952056	897761062	699965840	465913155	334534009	395268031	-494320182	1675232685	-0.2950755
INAI	2013	77754740	543234335	428198234	84097629	82994325	439441122	214820869	186235588	765881409	0.24316505
	2014	81915088	644378102	543234335	103335945	84097629	595335759	439441122	117427642	897281658	0.13087044
	2015	47011856	955465955	644378102	231997724	103335945	952130242	595335759	-35943293	1330259296	-0.0270198
	2016	-149761732	974282450	955465955	240067781	231997724	971422099	952130242	-157356427	1339032413	-0.117515
INCI	2016	-8289910	118743367	107268622	128538900	48483386	20420038	11084537	-90484668	269351381	-0.3359354
INDF	2012	7407134000	26202972000	24501734000	15775741000	12921013000	13080544000	12831304000	3100408000	59324207000	0.05226211
	2013	6928790000	32464497000	26202972000	23027913000	15775741000	19471309000	13080544000	-194142000	78092789000	-0.002486
	2014	9269318000	40995736000	32464497000	22011488000	23027913000	22681686000	19471309000	4964881000	86077251000	0.05767936
	2015	4213613000	42816745000	40995736000	25096342000	22011488000	25107538000	22681686000	1733602000	91831526000	0.01887807
	2016	7175603000	28985433000	42816745000	25701913000	25096342000	19219441000	25107538000	14513247000	82174515000	0.17661494
INDS	2012	104473677	867620153	793906609	756098496	340926079	371743866	330238723	-342907141	1664779358	-0.2059775
	2013	147120640	1086590779	867620153	1061634892	756098496	281799219	371743866	-467331029	2196518364	-0.2127599
	2014	65911208	975954232	1086590779	1247324581	1061634892	335123443	281799219	44182290	2282666078	0.01935556
	2015	110641662	992929224	975954232	1447374645	1247324581	445006853	335123443	3500016	2553928346	0.00137044
INTP	2012	5674822000	14579400000	10309717000	7935224000	7638064000	2418762000	1476597000	2050144000	22755160000	0.09009578
	2013	5419268000	5674822000	14579400000	9304992000	7935224000	2740089000	2418762000	13275405000	26607241000	0.49893956
	2014	5344607000	16086773000	5674822000	12143632000	9304992000	3260559000	2740089000	-7385514000	28884973000	-0.2556871
	2015	5049117000	13133854000	16086773000	13813892000	12143632000	2687743000	3260559000	5758960000	27638360000	0.20836837
	2016	3546113000	14424622000	13133854000	14643695000	13813892000	3187742000	2687743000	1925541000	30150580000	0.06386414
JECC	2012	803205	614693235	521122600	72163810	79980139	531671545	467757960	-21037516	708955186	-0.029674
	2013	119083783	1029276933	614693235	136292370	72163810	1052583258	531671545	161283238	1239821716	0.13008583
	2015	21550154	927492530	873185261	396189098	121782583	883284008	846116408	-269996030	1358464081	-0.198751
	2016	184371203	1131735197	927492530	408722055	396189098	992544784	883284008	76856355	1587210576	0.04842228
JPFA	2012	299125000	6429500000	4932300000	4064770000	2933581000	3523891000	3099991000	-1905364000	10961464000	-0.1738239
	2013	175820000	9004667000	6429500000	5272131000	4064770000	4361548000	3523891000	-2769051000	14917590000	-0.1856232
	2014	1570533000	8709315000	9004667000	6361632000	5272131000	4916448000	4361548000	1331284000	15730435000	0.0846311

pers	tahun	kas operasi	aktiva lancar t	aktiva lancar t-1	aktiva tetap t	aktiva tetap t-1	hutang lancar t	hutang lancar t-1	fcf	aset	fcf/aset
	2016	2753605000	11061008000	9604154000	7512091000	6808971000	5193549000	5352670000	434510000	19251026000	0.02257075
KAEF	2012	230612654	1505798399	1263029724	449140318	426719770	537184235	459694311	42913355	2076347581	0.02066771
	2013	253783665	1810614614	1505798399	498644378	449140318	746123148	537184235	108402303	2471939549	0.04385314
	2014	286309255	2040430858	1810614614	557939412	498644378	854811681	746123148	105886510	2968184626	0.03567383
	2015	175966862	2100921794	2040430858	681742780	557939412	1088431347	854811681	225292224	3236224076	0.06961577
	2016	198050929	2906737458	2100921794	1006745257	681742780	1696208867	1088431347	-324989692	4612562541	-0.0704575
KBLM	2016	33243538	394738154	362277746	244138598	291209032	303264273	342643691	8474146	639091366	0.01325968
KBLI	2014	170079675	851745556	917080806	411558692	393272622	256060418	359617439	113571834	1337351474	0.08492295
	2015	46127981	961562674	851745556	552110765	411558692	337673718	256060418	-122627910	1551799841	-0.079023
	2016	383175672	1223453185	961562674	560534775	552110765	358715994	337673718	133903427	1871422416	0.07155168
KIAS	2013	202177491	740675947	636294125	1458987958	1328355142	140475900	108570717	-931964	2270904910	-0.0004104
	2014	53807190	793534537	740675947	1493232193	1458987958	141424994	140475900	-32346541	2352542603	-0.0137496
KLBF	2012	1376343990	6441710544	5993876659	2254763273	1860288484	1891617854	1630588528	795064642	9417957181	0.08442007
	2013	927163654	7497319451	6441710544	2925546783	2254763273	2640590024	1891617854	-50256593	11315061275	-0.0044416
	2014	2316125821	8120805370	7497319451	3404457131	2925546783	2385920172	2640590024	959059702	12425032367	0.0771877
	2015	2456995428	8748491609	8120805370	3938494051	3404457131	2365880491	2385920172	1275232588	13696417381	0.09310702
	2016	2159833281	9572529768	8748491609	4555756101	3938494051	2317161787	2365880491	669814368	15226009211	0.04399146
KRAS	2012	20448000	1399654000	1486117000	748936000	615754000	1244435000	1015049000	203115000	2561947000	0.0792815
LION	2012	66606291	394802917	327815306	30423508	18552159	42249381	46611039	-16614327	433497042	-0.0383263
	2013	52556705	428821050	394802917	60440971	30423508	63728680	42249381	10000408	498567897	0.02005827
	2014	61833303	488268613	428821050	101606104	60440971	132155047	63728680	29646974	600102716	0.04940317
	2015	49505778	508345200	488268613	112984850	101606104	133693534	132155047	19588932	685812996	0.02856308
	2016	53300060	542813854	508345200	120394121	112984850	152533565	133693534	30262166	639330150	0.04733418
MAIN	2012	293046848	894203546	720453998	854677871	561328477	852741232	515044183	163644955	1799881676	0.09091984
	2013	109333001	996980911	894203546	1128473492	854677871	986471455	852741232	-133509762	2214398692	-0.0602917
MBTO	2012	31599285	510202547	459790602	81063310	67398292	137512948	112665224	-7629954	609494013	-0.0125185
	2013	-2863783	453760676	510202547	134670265	81063310	113684498	137512948	-23857317	611769745	-0.0389972
MERK	2012	88404562	463883090	491725826	63317809	61536084	119827938	65430555	168862956	569430951	0.29654685

pers	tahun	kas operasi	aktiva lancar t	aktiva lancar t-1	aktiva tetap t	aktiva tetap t-1	hutang lancar t	hutang lancar t-1	fcf	aset	fcf/aset
	2013	133099062	588237590	463883090	61626794	63317809	147818253	119827938	38425892	696946318	0.05513465
	2014	232826497	595338719	588237590	81384920	61626794	129820145	147818253	187969134	716599526	0.26230709
	2015	160700345	483679971	595338719	110784138	81384920	132435895	129820145	245575625	641646818	0.3827271
	2016	43799001	508615377	483679971	129991953	110784138	120622129	132435895	-12157986	743934894	-0.0163428
MLBI	2012	539860000	462471000	656039000	652832000	547202000	796679000	659873000	764604000	1152048000	0.6636911
	2013	1181049000	706252000	462471000	1009836000	652832000	722542000	796679000	506127000	1782148000	0.2839983
	2014	913005000	816494000	706252000	1315305000	1009836000	1588801000	722542000	1363553000	2231051000	0.6111707
	2015	919232000	709955000	816494000	1390898000	1315305000	1215227000	1588801000	576604000	2100853000	0.27446185
	2016	1248469000	901258000	709955000	1373780000	1390898000	1326261000	1215227000	1185318000	2275038000	0.5210102
MRAT	2012	12708802	352880309	326473963	79716536	74624457	58646329	53818767	-13962061	455472778	-0.030654
MYOR	2012	830244056	5313599558	4095298705	2857932917	2038406656	1924434119	1845791716	-1128940655	8302506242	-0.1359759
	2013	987023231	6430065429	5313599558	3114328725	2857932917	2631646470	1924434119	321373903	9709838250	0.03309776
	2014	-862339383	6508768623	6430065429	3585011717	3114328725	3114337601	2631646470	-929034438	10291108029	-0.0902755
	2015	2336785498	7454347029	6508768623	3770695841	3585011717	3151495163	3114337601	1242680530	11342715686	0.10955758
	2016	659314197	8739782750	7454347029	3859420030	3770695841	3884051319	3151495163	17710443	12922421859	0.00137052
RICY	2012	43323124	601056426	467024514	234423362	170461185	266783974	262265342	-150152333	842498674	-0.1782226
	2014	47145296	845372465	837614380	318630063	272250949	483247784	474339811	1916070	1170752424	0.00163661
	2015	134156891	851477573	845372465	338072177	318630063	718198051	483247784	343559936	1198193868	0.28673151
	2016	82494120	943936823	851477573	332510849	338072177	821755112	718198051	99153259	1288683925	0.07694149
ROTI	2012	189081795	219818034	190274251	893898142	546098569	195455568	148209118	-141015111	1204944681	-0.1170304
	2013	314587625	363881019	219818034	1175251173	893898142	320197406	195455568	13913447	1822689047	0.00763347
	2014	364975619	420316388	363881019	1679981658	1175251173	307608669	320197406	-208778972	2142884278	-0.097429
	2015	555511841	812990646	420316388	1821378205	1679981658	395920007	307608669	109752374	2706323637	0.04055405
	2016	414702426	949414338	812990646	1842722492	1821378205	320501824	395920007	181516264	2919640858	0.06217075
SCCO	2012	137153872	197203156	192307120	224805505	203107842	818847215	923584989	5822399	1486921371	0.00391574
	2013	20804646	1454622022	1197203156	254393860	224805505	1043362648	818847215	-41687142	1762032300	-0.0236586
	2014	62171129	1293776722	1454622022	295398108	254393860	826026927	1043362648	-35323540	1656007190	-0.0213305
	2015	197980124	1380917437	1293776722	317988081	295398108	819137956	826026927	81360465	1773144328	0.04588485

pers	tahun	kas operasi	aktiva lancar t	aktiva lancar t-1	aktiva tetap t	aktiva tetap t-1	hutang lancar t	hutang lancar t-1	fcf	aset	fcf/aset
	2016	522526635	2019188846	1380917437	322517673	317988081	1195158413	819137956	255746091	2449935491	0.10438891
SIPD	2012	142720645	1660345952	1229328574	1492758985	1272861185	1435662667	882649500	44818634	3298123575	0.01358913
SKLT	2012	15260832	125666622	105144725	101728706	100331701	88824705	60394533	21772102	249746467	0.08717682
	2013	26893558	155108112	125666622	126032024	101728706	125712112	88824705	10036157	301989488	0.03323346
	2014	23398219	167419412	155108112	135210633	126032024	141425302	125712112	17621500	331574891	0.05314486
	2015	29666923	189758915	16480715	148556690	135210633	159132842	141425302	-139249794	377110748	-0.3692544
	2016	1641040	222686873	189758915	299674475	148556690	169302584	159132842	-172234961	568239939	-0.3031025
SMCB	2012	1692112000	2186797000	2468172000	9588783000	8238252000	1556875000	1683799000	496032000	12168517000	0.04076355
	2013	2262247000	2085055000	2186797000	12367323000	9588783000	3262054000	1556875000	1290628000	14894990000	0.08664846
	2014	1709438000	2290969000	2085055000	14498240000	12367323000	3807545000	3262054000	-81902000	17195352000	-0.004763
	2015	533786000	2581774000	2290969000	14427080000	14498240000	3957411000	3807545000	464007000	17321565000	0.02678782
SMGR	2012	5591864816	8231297105	7646144851	16794115433	7646144851	4825204637	2889137195	-2205190578	26579083786	-0.0829671
	2013	6047147495	9972110370	8231297105	18862518157	16794115433	5297630537	4825204637	2710357406	30792884092	0.08801895
	2014	6721170878	11648544675	9972110370	20221066650	18862518157	5273269122	5297630537	3661826665	34314666027	0.10671317
	2015	7288586537	10538703910	11648544675	25167682710	20221066650	6599189622	5273269122	4777731742	38153118932	0.12522519
	2016	5180010976	10373158827	10538703910	30846750207	25167682710	8151673428	6599189622	1218972368	44226895982	0.02756179
SMSM	2012	353110842	899279277	816080634	488863244	490752651	462534538	820328603	-85992459	1441204473	-0.0596671
	2013	449576533	353110841	899279277	492164737	488863244	488863244	462534538	1018772182	1701103245	0.59888909
	2014	449864000	1133730000	353110841	492897000	492164737	536800000	488863244	-283550666	1749395000	-0.162085
	2015	531987000	1368558000	1133730000	714935000	492897000	571712000	536800000	110033000	2220108000	0.049562
	2016	582843000	1454387000	1368558000	658258000	714935000	508482000	571712000	490461000	2254740000	0.21752442
SPMA	2012	27880709	482596836	371564332	1173192700	1172989828	182354489	304846562	-205846740	1664353264	-0.1236797
SQBI & SQBB	2012	138285657	307406505	277855666	84893233	78357742	63322304	48868467	116653164	397144458	0.2937298
	2013	153706638	329044588	307406505	87590027	84893233	66233801	63322304	132283258	421187982	0.31407178
	2014	160898696	366091435	329044588	87174799	87590027	83717824	66233801	141751100	459352720	0.30858879
	2015	139913445	365466619	366091435	90312268	87174799	102270152	83717824	155953120	464027522	0.33608593
	2016	179485976	384080541	365466619	86021584	90312268	113998435	102270152	176891021	479233790	0.36911216

pers	tahun	kas operasi	aktiva lancar t	aktiva lancar t-1	aktiva tetap t	aktiva tetap t-1	hutang lancar t	hutang lancar t-1	fcf	aset	fcf/aset
TCID	2012	250453743	768615499	671882437	440132920	416328119	99477347	57216463	172176764	1261572952	0.13647785
	2013	253851906	726505281	768615499	768615499	440132920	203320578	99477347	71322776	1466952461	0.04861969
	2014	123551162	874017298	726505281	923951560	768615499	486053837	203320578	103436343	1853235344	0.05581393
	2015	120781612	1112672539	874017298	902694746	923951560	222930622	486053837	-359740030	2082096849	-0.1727778
	2016	264194257	1174482404	1112672539	935344860	902694746	223305152	222930622	170108808	2185101038	0.0778494
	TOTO	2012	188137481	966806112	837114048	461181775	476327212	448767623	444637071	77721406	1622888814
	2013	320627073	1089798514	966806112	558782969	461181775	496494829	448767623	147760683	1746177682	0.0846195
	2014	307708638	1115004308	1089798514	807117366	558782969	528814815	496494829	66488433	2027288694	0.03279673
	2015	240629138	1348062605	1115004308	875127024	807117366	560119357	528814815	-29134275	2439540859	-0.0119425
	2016	305802665	1290208433	1348062605	881751586	875127024	589149809	560119357	386062727	2581440938	0.14955319
TRIS	2012	3685573	286526762	169678106	71267277	65237468	114554270	95383720	-100022342	366248271	-0.2730998
	2013	-29827240	344826483	286526762	93497280	71267277	149727675	114554270	-75183559	449008821	-0.1674434
	2014	51371	387852596	344826483	171375191	93497280	193749649	149727675	-76830679	523900643	-0.1466512
	2015	63376934	430421698	387852596	127003767	171375191	221092841	193749649	92522448	577786346	0.16013263
	2016	13169892	462578105	430421698	132953556	127003767	281765922	221092841	35736777	639701164	0.0558648
	TRST	2012	76503968	838465235	824543544	1266886998	1173590449	643329850	588895481	23720097	2188129039
	2013	135466939	1194457109	838465235	1991932354	1266886998	1045073685	643329850	-543826456	3260919505	-0.1667709
	2014	236909958	1182292914	1194457109	1980022881	1991932354	995175792	1045073685	211085733	3261285495	0.0647247
	2015	135020261	1137766718	1182292914	2101159762	1980022881	869536724	995175792	-67229492	3357359500	-0.0200245
	2016	239192779	1179988892	1137766718	2025462702	2101159762	909779314	869536724	312910255	3290596224	0.09509227
TSPC	2012	635028604	3393778315	3121979870	1000822028	886134968	1097134545	1046406386	299271258	4632984970	0.06459578
	2013	448669481	3991115859	3393778315	1203851892	1000822028	1347465965	1097134545	-101366507	5407957916	-0.018744
	2014	512956089	3714700991	3991115859	1554389853	1203851892	1237332206	1347465965	328699237	5592730493	0.05877259
	2015	778361982	4304922144	3714700991	1616562461	1554389853	1696486657	1237332206	585122672	6585807349	0.088846
	2016	491655348	4385083916	4304922144	1806744212	1616562461	1653413220	1696486657	178238388	6284729099	0.02836055
	ULTJ	2013	195989264	1565510655	1194426604	965974994	979511495	633794053	592822529	-120586762	2811620982
	2014	128022639	1642101746	1565510655	1003229206	965974994	490967089	633794053	-128649628	2917083567	-0.0441021
	2015	669463283	2103565054	1642101746	1160712906	1003229206	561628179	490967089	121177365	3539995910	0.03423093

pers	tahun	kas operasi	aktiva lancar t	aktiva lancar t-1	aktiva tetap t	aktiva tetap t-1	hutang lancar t	hutang lancar t-1	fcf	aset	fcf/aset
	2016	779108646	2874821874	2103565054	1042072476	1160712906	593525592	561628179	158389669	4239199641	0.03736311
UNVR	2012	5191646000	5035962000	4446219000	6283479000	5314311000	7535896000	6501681000	4666950000	11984979000	0.38939993
	2013	6241679000	5862939000	5035962000	6874177000	6283479000	8419442000	7535896000	5707550000	13348188000	0.42758987
	2014	6462722000	6337170000	5862939000	7348025000	6874177000	8864832000	8419442000	5960033000	14280670000	0.41734968
	2015	6299051000	6623114000	6337170000	8320917000	7348025000	10127542000	8864832000	6302925000	15729945000	0.40069593
	2016	6684219000	6588109000	6623114000	9529476000	8320917000	10878074000	10127542000	6261197000	16745695000	0.3738989
VOKS	2012	104783511	1430617352	1357376655	232745038	193288856	1072477833	1054553072	10011393	1698073355	0.00589574
	2013	308725402	1507266436	1430617352	293146493	232745038	1328173842	1072477833	427370872	1955830321	0.21851122
WIIM	2012	13275272	1049445257	582183808	154938599	155799858	508892082	406361493	-350594329	1207261169	-0.2904047
	2013	-45910615	993885657	1049445257	218745062	154938599	409006110	508892082	-154043450	1229011281	-0.1253393
	2014	-119511905	999717334	993885657	309830060	218745062	439445909	409006110	-185988781	1332907676	-0.1395361
	2015	62869126	988814005	999717334	331748300	309830060	341705552	439445909	-45886142	1342700045	-0.0341745
	2016	136703865	996925072	988814005	330448091	331748300	293711761	341705552	81899216	1353634132	0.06050321