

## DAFTAR PUSTAKA

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# LAMPIRAN

## Lampiran 1. Biodata Penulis

### BIODATA

#### Identitas Diri

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#### Riwayat Pendidikan

##### Pendidikan Formal

- a. Tahun 2008-2014 :SDN 2 Sanggalangi'
- b. Tahun 2014-2017 :SMP Negeri 1 Buntao'
- c. Tahun 2017-2020 :SMA Negeri 2 Toraja Utara
- d. Tahun 2020-2024 :Universitas Hasanuddin

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- a. Tahun 2020 :Pelatihan *Basic Learning Skills, Characters, and Creativity* (BALANCE) Universitas Hasanuddin.
- b. Tahun 2020 :Pendidikan Dasar (Diksar) Perkoperasian Koperasi Mahasiswa Universitas Hasanuddin.
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- d. Tahun 2021 :Pendidikan Lanjutan (Dikjut) Perkoperasian Koperasi Mahasiswa Universitas Hasanuddin.
- e. Tahun 2021 :Pengaderan Awal Tingkat Senat (PATS) Fakultas Ekonomi dan Bisnis Universitas Hasanuddin.
- f. Tahun 2021 :Pengaderan Awal Tingkat Orjmaju (PATO) Ikatan Mahasiswa Akuntansi Fakultas Ekonomi dan Bisnis Universitas Hasanuddin.
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Demikian biodata ini dibuat dengan sebenarnya.

Makassar, 12 Februari 2024

Yohanis Rantelino

## Lampiran 2. Data Variabel Penelitian

## Data Nilai Perusahaan

KODE SAHAM	TAHUN	HARGA SAHAM	JUMLAH SAHAM BEREDAR	TOTAL LIABILITAS	TOTAL ASSET	Y
MLBI	2012	719.000	21.070	822.213	1.152.048	13.151
	2013	1.200.000	21.070	794.615	1.782.148	14.188
	2014	12.100	2.107.000	1.445.484	1.847.112	13.803
	2015	8.650	2.107.000	1.100.013	1.675.971	10.875
	2016	11.792	2.107.000	1.142.526	1.892.511	13.129
	2017	14.033	2.107.000	1.314.848	2.148.907	13.760
	2018	15.992	2.107.000	1.721.965	2.889.501	11.662
	2019	16.133	2.107.000	1.750.943	2.896.950	11.734
UNVR	2012	20.850	7.630.000	8.016.577	11.912.710	13.355
	2013	26.000	7.630.000	8.448.784	12.631.381	15.706
	2014	32.300	7.630.000	9.681.874	14.207.799	17.347
	2015	37.000	7.630.000	10.902.585	15.729.945	17.948
	2016	38.800	7.630.000	12.041.437	16.745.695	17.680
	2017	55.900	7.630.000	13.733.025	18.906.413	22.560
	2018	45.400	7.630.000	12.943.202	20.326.869	17.042
	2019	42.000	7.630.000	15.367.509	20.649.371	15.520
SCCO	2012	4.050	35.400.587	832.876.706	14.869.213	9.698
	2013	4.400	43.246.575	105.442.117	17.620.323	10.805
	2014	3.950	205.583.400	846.052.863	16.560.071	49.088
	2015	3.725	205.583.400	850.791.824	17.731.443	43.237
	2016	7.275	205.583.400	122.951.481	24.499.354	61.052
	2017	9.000	205.583.400	128.601.710	40.142.445	46.095
	2018	8.700	205.583.400	125.444.734	41.651.964	42.944
	2019	9.175	205.583.400	125.963.368	44.006.556	42.865
DLTA	2012	255.000	16.013.181	83.271.229	575.737.448	7.093
	2013	380.000	16.013.181	97.661.927	684.734.499	8.887
	2014	390.000	16.013.181	154.344.156	846.038.778	7.382
	2015	5.200	800.659.050	137.905.068	963.859.159	4.320
	2016	5.000	800.659.050	185.422.642	119.779.665	33.424

	2017	4.590	800.659.050	196.197.372	134.084.276	27.410
	2018	5.500	800.659.050	239.353.356	152.351.717	28.906
	2019	6.800	800.659.050	212.420.390	142.598.372	38.182
JPFA	2012	6.100	106.401.981	5.236.690	8.704.742	74.564
	2013	1.220	106.401.981	8.186.685	11.963.427	10.851
	2014	950	106.401.981	10.579.414	15.758.959	6.415
	2015	635	106.401.981	11.049.774	17.159.466	3.938
	2016	1.455	113.901.981	9.878.062	19.251.026	8.609
	2017	1.300	113.861.579	11.293.242	21.088.870	7.019
	2018	2.150	117.171.772	12.823.219	23.038.028	10.935
	2019	1.535	117.192.140	13.736.841	25.185.009	7.143
INTP	2012	22.450	36.812.316	3.336.422	22.755.160	36.319
	2013	20.000	36.812.316	3.629.554	26.607.241	27.671
	2014	25.000	36.812.316	4.307.622	28.884.635	31.862
	2015	22.325	36.812.316	3.772.410	27.638.360	29.735
	2016	15.400	36.812.316	4.011.877	30.150.580	18.803
	2017	21.950	36.812.316	4.307.169	28.836.676	28.021
	2018	18.450	36.812.316	4.566.973	27.788.562	24.441
	2019	19.025	3.681.231	4.627.488	27.707.749	2.528
ASII	2012	7.350	40.483.553	11.440.000	38.969.000	7.636
	2013	6.800	40.483.553	15.349.000	48.375.000	5.691
	2014	7.425	40.483.553	15.058.000	53.689.000	5.599
	2015	6.000	40.483.553	17.438.000	57.765.000	4.205
	2016	8.275	40.483.553	21.694.000	68.438.000	4.895
	2017	8.300	40.483.553	24.244.000	77.990.000	4.309
	2018	8.225	40.483.553	23.667.000	83.264.000	3.999
	2019	6.925	40.483.553	23.406.000	88.264.000	3.177
ULTJ	2012	1.330	2.888.382	744.273	2.420.793	1.587
	2013	4.500	2.888.382	796.474	2.811.620	4.623
	2014	3.720	2.888.382	651.985	2.917.083	3.684
	2015	3.945	2.888.382	742.490	3.539.995	3.219
	2016	4.570	2.888.382	749.966	4.239.199	3.114
	2017	1.295	11.553.528	978.185	5.175.896	2.891
	2018	1.350	11.553.528	780.915	5.555.871	2.807
	2019	1.680	11.553.528	953.283	6.608.422	2.937

MYOR	2012	20.000	766.584	5.234.655	8.302.506	1.847
	2013	26.000	894.347	5.816.323	9.710.223	2.395
	2014	20.900	894.347	6.190.553	10.291.108	1.817
	2015	30.500	894.347	6.148.255	11.342.715	2.405
	2016	1.645	22.358.699	6.657.165	12.922.421	2.847
	2017	2.020	22.358.699	7.561.503	14.915.849	3.028
	2018	2.620	22.358.699	9.049.161	17.591.706	3.330
	2019	2.050	22.358.699	9.137.978	19.037.918	2.408
INCI	2012	245	181.035	16.518	132.278	335
	2013	240	181.035	10.060	136.142	319
	2014	238	181.035	11.328	147.755	292
	2015	305	181.035	15.494	169.546	326
	2016	306	181.035	26.524	269.351	206
	2017	408	181.035	35.408	303.788	243
	2018	575	196.121	71.410	391.362	288
	2019	418	196.121	65.323	405.445	202
INDS	2012	4.200	525.000	528.206	1.664.779	1.325
	2013	2.675	525.000	443.652	2.196.518	640
	2014	1.600	656.249	545.347	2.282.666	460
	2015	350	656.249	634.889	2.553.928	90
	2016	810	656.249	409.208	2.477.272	215
	2017	1.260	656.249	289.798	2.434.617	340
	2018	2.220	656.249	288.105	2.482.337	587
	2019	2.300	656.249	262.135	2.834.422	533
EKAD	2012	550	698.775.000	81.915.660	273.893.467	1.403
	2013	410	698.775.000	105.893.942	343.601.504	834
	2014	535	698.775.000	143.820.128	411.726.182	908
	2015	441	698.775.000	97.730.178	389.691.595	791
	2016	690	698.775.000	110.503.822	702.508.630	686
	2017	720	698.775.000	133.949.920	796.767.646	632
	2018	970	698.775.000	128.684.953	853.267.454	795
	2019	1.200	698.775.000	115.690.798	968.234.349	866
HMSP	2012	438	4.383.000	12.939.107	26.247.527	74
	2013	438	4.383.000	13.249.559	27.404.594	71
	2014	438	4.383.000	14.882.516	28.380.630	68

	2015	465	4.652.723	5.994.664	38.010.724	57
	2016	465	116.318.076	8.333.263	42.508.277	1.273
	2017	3.710	116.318.076	9.028.078	43.141.063	10.003
	2018	4.730	116.318.076	11.244.167	46.602.420	11.806
	2019	2.100	116.318.076	15.223.076	50.902.806	4.799
GGRM	2012	60.450	1.924	14.903	41.509	2.802
	2013	42.000	1.924	21.353	50.770	1.592
	2014	60.700	1.924	25.099	58.234	2.006
	2015	55.000	1.924	25.497	63.505	1.667
	2016	63.900	1.924	23.387	62.951	1.953
	2017	83.800	1.924	24.572	66.759	2.415
	2018	83.625	1.924	23.963	69.097	2.329
	2019	53.000	1.924	27.716	78.647	1.297
IGAR	2012	375	972.204.500	70.313.908	312.342.760	1.167
	2013	295	972.204.500	89.033.869	314.746.644	911
	2014	315	972.204.500	1.735.459	25.964.706	11.795
	2015	224	972.204.500	1.802.034	25.907.846	8.406
	2016	520	972.204.500	1.787.737	28.980.690	17.444
	2017	378	972.204.500	2.118.516	24.524.451	14.985
	2018	384	972.204.500	2.669.656	23.223.589	16.075
	2019	340	972.204.500	1.704.352	21.898.255	15.095
CPIN	2012	3.375	16.398	4.172	12.348	4.482
	2013	3.650	16.398	5.771	15.722	3.807
	2014	3.780	16.398	9.836	20.841	2.975
	2015	2.800	16.398	12.123	24.684	1.861
	2016	3.090	16.398	10.047	24.204	2.094
	2017	3.000	16.398	8.819	24.522	2.006
	2018	7.225	16.398	8.253	27.645	4.286
	2019	6.500	16.398	8.281	29.355	3.631
KBLF	2012	1.060	46.875.122	2.046.313	9.417.957	5.276
	2013	1.250	46.875.122	2.815.103	11.315.061	5.179
	2014	1.830	46.875.122	2.675.166	12.439.267	6.896
	2015	1.320	46.875.122	2.758.131	13.696.417	4.518
	2016	1.515	46.875.122	2.762.162	15.226.009	4.664
	2017	1.690	46.875.122	2.722.207	16.616.239	4.768

	2018	1.520	46.875.122	2.851.611	18.146.206	3.927
	2019	1.620	46.875.122	3.559.144	20.264.726	3.747
KBLI	2012	187	4.007.235	244.669	1.161.698	645
	2013	142	4.007.235	359.708	1.337.022	426
	2014	139	4.007.235	414.243	1.340.881	416
	2015	119	4.007.235	524.437	1.551.799	308
	2016	276	4.007.235	550.076	1.871.422	591
	2017	426	4.007.235	1.227.014	3.013.760	567
	2018	302	4.007.235	1.213.840	3.244.821	373
	2019	525	4.007.235	1.174.014	3.556.474	592
LION	2012	10.400	52.016.000	61.667.654	433.497.042	1.248
	2013	12.000	52.016.000	82.783.559	498.567.897	1.252
	2014	9.300	52.016.000	156.123.758	600.102.716	806
	2015	1.050	520.160.000	184.730.653	639.330.150	855
	2016	1.050	520.160.000	215.209.902	685.812.995	797
	2017	765	520.160.000	229.630.859	681.937.947	584
	2018	680	520.160.000	221.022.066	696.192.628	508
	2019	468	520.160.000	219.318.262	688.017.892	354
TCID	2012	11.000	201.066	164.751	1.261.572	1.753
	2013	11.900	201.066	282.961	1.465.952	1.632
	2014	17.525	201.066	569.730	1.853.235	1.902
	2015	16.500	201.066	367.225	2.082.096	1.594
	2016	12.500	201.066	401.942	2.185.101	1.150
	2017	17.900	201.066	503.480	2.361.807	1.524
	2018	15.000	201.066	472.680	2.445.143	1.234
	2019	11.000	201.066	532.048	2.551.192	867
TSPC	2012	3.675	4.500.000	1.279.829	4.632.985	3.570
	2013	3.250	4.500.000	1.581.513	5.417.060	2.700
	2014	2.865	4.500.000	1.527.429	5.609.557	2.299
	2015	1.750	4.500.000	1.947.588	6.284.729	1.253
	2016	1.970	4.500.000	1.950.534	6.585.807	1.346
	2017	1.800	4.500.000	2.352.892	7.434.900	1.090
	2018	1.390	4.500.000	2.437.127	7.869.975	795
	2019	1.395	4.500.000	2.581.734	8.372.770	750
INDF	2012	5.850	8.780.426	25.249.168	59.389.405	865

	2013	6.600	8.780.426	39.719.660	78.092.789	743
	2014	6.750	8.780.426	45.803.053	86.077.251	689
	2015	5.175	8.780.426	48.708.933	91.831.526	495
	2016	7.925	8.780.426	38.233.092	82.174.515	847
	2017	7.625	8.780.426	41.182.764	87.939.488	762
	2018	7.450	8.780.426	46.620.996	96.537.796	678
	2019	7.925	8.780.426	41.996.071	96.198.559	724
DVLA	2012	1.690	1.120.000.00 0	233.144.997	1.074.691.47 6	1.761
	2013	2.200	1.120.000.00 0	275.351.336	1.190.055.28 8	2.071
	2014	1.690	1.120.000.00 0	273.816.042	1.236.247.52 5	1.531
	2015	1.300	1.120.000.00 0	402.760.903	1.376.278.23 7	1.058
	2016	1.755	1.120.000.00 0	451.785.946	1.531.365.55 8	1.284
	2017	1.960	1.120.000.00 0	524.586.078	1.640.886.14 7	1.338
	2018	1.940	1.120.000.00 0	482.559.876	1.682.821.73 9	1.291
	2019	2.250	1.120.000.00 0	523.881.726	1.829.960.71 4	1.377
SMSM	2012	2.525	1.439.668.86 0	594.468.437	1.115.928.05 4	3.258
	2013	3.450	1.439.668.86 0	619.707.544	1.331.292.10 2	3.731
	2014	4.750	1.439.668.86 0	538.368.000	1.388.881.00 0	4.924
	2015	4.760	1.439.668.86 0	600.757.000	1.608.698.00 0	4.260
	2016	980	5.758.675.44 0	674.685.000	2.254.740.00 0	2.503
	2017	1.255	5.758.675.44 0	615.157.000	2.443.341.00 0	2.958

	2018	1.400	5.758.675.44 0	650.926.000	2.801.203.00 0	2.878
	2019	1.490	5.758.675.44 0	664.678.000	3.106.981.00 0	2.762
CEKA	2012	1.300	297.500.000	564.289.732	1.027.692.71 8	377
	2013	1.160	297.500.000	541.354.365	1.069.627.29 9	323
	2014	1.500	297.500.000	746.598.865	1.284.150.03 7	348
	2015	675	595.000.000	845.932.695	1.485.826.21 0	271
	2016	1.350	595.000.000	538.044.038	1.425.964.15 2	564
	2017	1.290	595.000.000	489.592.257	1.392.636.44 4	552
	2018	1.375	595.000.000	192.308.466	1.168.956.04 2	700
	2019	1.670	595.000.000	261.784.845	1.393.079.54 2	713
RICY	2012	174	641.717.510	475.541.284	842.498.674	133
	2013	173	641.717.510	728.675.060	1.109.865.32 9	101
	2014	174	641.717.510	781.749.249	1.172.012.46 8	96
	2015	159	641.717.510	798.114.824	1.198.193.86 7	86
	2016	154	641.717.510	876.184.885	1.288.683.92 5	77
	2017	150	641.717.510	944.179.416	1.374.444.78 8	71
	2018	164	641.717.510	1.094.692.56 8	1.539.602.05 4	69
	2019	149	641.717.510	1.162.598.35 8	1.619.854.73 6	60



AUTO	2012	3.700	3.855.786	3.396.543	12.617.678	1.131
	2013	3.650	4.819.733	3.058.924	8.881.642	1.981
	2014	4.200	4.819.733	4.244.862	14.387.568	1.407
	2015	1.600	4.819.733	4.195.684	14.339.110	538
	2016	2.050	4.819.733	4.075.716	14.612.274	676
	2017	2.060	4.819.733	4.003.233	14.762.309	673
	2018	1.470	4.819.733	4.626.013	15.889.648	446
	2019	1.240	4.819.733	4.365.175	16.015.709	373
ARNA	2012	408	1.835.357	332.551	937.359	799
	2013	820	1.835.357	392.339	1.059.148	1.421
	2014	870	7.341.430	349.995	1.259.938	5.070
	2015	500	7.341.430	536.050	1.430.779	2.566
	2016	520	7.341.430	595.128	1.543.216	2.474
	2017	342	7.341.430	571.946	1.601.346	1.568
	2018	420	7.332.150	556.309	1.652.905	1.863
	2019	436	7.326.839	622.355	1.799.137	1.776
ROTI	2012	1.380	1.012.360.00 0	538.337.083	1.204.944.68 1	1.160
	2013	1.020	5.061.800.00 0	1.035.351.39 7	1.822.689.04 7	2.833
	2014	1.385	5.061.800.00 0	1.189.311.19 6	2.142.894.27 6	3.272
	2015	1.265	5.061.800.00 0	1.517.788.68 5	2.706.323.63 7	2.367
	2016	1.600	5.061.800.00 0	1.476.889.08 6	2.919.640.85 8	2.774
	2017	1.275	6.186.488.88 8	1.739.467.99 3	4.559.573.70 9	1.730
	2018	1.200	6.106.828.18 8	1.476.909.26 0	4.393.810.38 0	1.668
	2019	1.300	6.106.828.18 8	1.589.486	4.682.083.84 4	1.696
WIIM	2012	760	2.099.873.76 0	22.217.707	573.572.980	2.782
	2013	670	2.099.873.76	20.283.430	583.082.767	2.413

			0			
2014	625	2.099.873.76 0	6.068.149	573.243.278	2.289	
2015	430	2.099.873.76 0	10.356.100	576.893.703	1.565	
2016	440	2.099.873.76 0	362.540.740	1.353.634.13 2	683	
2017	290	2.099.873.76 0	247.620.731	1.225.712.09 3	497	
2018	141	2.099.873.76 0	101.858.420	690.131.228	429	
2019	168	2.099.873.76 0	101.455.650	681.743.639	518	

### Data Struktur Modal

KODE	TAHUN	TOTAL UTANG	TOTAL EKUITAS	%	X1
MLBI	2012	822.213	329.853	100	2,493
	2013	794.615	987.533	100	0,805
	2014	1.445.484	401.628	100	3,599
	2015	1.100.013	575.958	100	1,910
	2016	1.142.526	749.985	100	1,523
	2017	1.314.848	834.059	100	1,576
	2018	1.721.965	1.167.536	100	1,475
	2019	1.750.943	1.146.007	100	1,528
UNVR	2012	8.016.577	3.896.133	100	2,058
	2013	8.448.784	4.182.597	100	2,020
	2014	9.681.874	4.525.925	100	2,139
	2015	10.902.585	4.827.360	100	2,258
	2016	12.041.437	4.704.258	100	2,560
	2017	13.733.025	5.173.388	100	2,655
	2018	12.943.202	7.383.667	100	1,753
	2019	15.367.509	5.281.862	100	2,909
SCCO	2012	832.876.706	654.044.664	100	1,273
	2013	105.442.117	707.611.129	100	0,149
	2014	846.052.863	809.954.326	100	1,045
	2015	850.791.824	922.352.503	100	0,922
	2016	122.951.481	122.042.067	100	1,007
	2017	128.601.710	272.822.748	100	0,471
	2018	125.444.734	291.074.913	100	0,431
	2019	125.963.368	314.102.094	100	0,401
DLTA	2012	83.271.229	492.466.219	100	0,169
	2013	97.661.927	587.072.572	100	0,166
	2014	154.344.156	691.694.622	100	0,223
	2015	137.905.068	825.954.091	100	0,167
	2016	185.422.642	101.237.400	100	1,832
	2017	196.197.372	114.464.539	100	1,714
	2018	239.353.356	128.416.381	100	1,864
	2019	212.420.390	121.356.333	100	1,750
JPFA	2012	5.236.690	3.468.052	100	1,510
	2013	8.186.685	3.776.742	100	2,168
	2014	10.579.414	5.179.545	100	2,043
	2015	11.049.774	6.109.692	100	1,809
	2016	9.878.062	9.372.964	100	1,054
	2017	11.293.242	9.795.628	100	1,153
	2018	12.823.219	10.214.809	100	1,255

	2019	13.736.841	11.448.168	100	1,200
INTP	2012	3.336.422	19.418.738	100	0,172
	2013	3.629.554	22.977.687	100	0,158
	2014	4.307.622	24.577.013	100	0,175
	2015	3.772.410	23.865.950	100	0,158
	2016	4.011.877	26.138.703	100	0,153
	2017	4.307.169	24.556.507	100	0,175
	2018	4.566.973	23.221.589	100	0,197
	2019	4.627.488	23.080.261	100	0,200
	ASII	2012	11.440.000	27.529.000	100
2013		15.349.000	33.026.000	100	0,465
2014		15.058.000	38.631.000	100	0,390
2015		17.438.000	40.327.000	100	0,432
2016		21.694.000	46.744.000	100	0,464
2017		24.244.000	53.746.000	100	0,451
2018		23.667.000	59.877.000	100	0,395
2019		23.406.000	64.858.000	100	0,361
ULTJ	2012	744.273	1.676.519	100	0,444
	2013	796.474	2.015.146	100	0,395
	2014	651.985	2.265.097	100	0,288
	2015	742.490	2.797.505	100	0,265
	2016	749.966	3.489.233	100	0,215
	2017	978.185	4.197.711	100	0,233
	2018	780.915	4.774.956	100	0,164
	2019	953.283	5.655.139	100	0,169
MYOR	2012	5.234.655	3.067.850	100	1,706
	2013	5.816.323	3.893.900	100	1,494
	2014	6.190.553	4.100.554	100	1,510
	2015	6.148.255	5.194.459	100	1,184
	2016	6.657.165	6.265.255	100	1,063
	2017	7.561.503	7.354.346	100	1,028
	2018	9.049.161	8.542.544	100	1,059
	2019	9.137.978	9.899.940	100	0,923
INCI	2012	16.518.960	115.759.878	100	0,143
	2013	10.060.378	126.091.686	100	0,080
	2014	11.328.447	136.427.394	100	0,083
	2015	15.494.757	154.051.308	100	0,101
	2016	26.524.918	242.826.462	100	0,109
	2017	35.408.565	268.379.825	100	0,132
	2018	71.410.278	319.952.419	100	0,223
	2019	65.323.258	340.121.790	100	0,192
INDS	2012	528.206	1.136.572	100	0,465

	2013	443.652	1.752.863	100	0,253
	2014	454.347	1.828.318	100	0,249
	2015	634.889	1.919.038	100	0,331
	2016	409.208	2.068.063	100	0,198
	2017	289.798	2.144.818	100	0,135
	2018	288.105	2.194.231	100	0,131
	2019	262.135	2.572.287	100	0,102
EKAD	2012	81.915.660	191.977.807	100	0,427
	2013	105.893.942	237.707.561	100	0,445
	2014	143.820.128	267.906.054	100	0,537
	2015	97.730.178	291.961.416	100	0,335
	2016	110.503.822	592.004.807	100	0,187
	2017	133.949.920	662.817.725	100	0,202
	2018	128.684.953	724.582.501	100	0,178
	2019	115.690.798	852.543.550	100	0,136
HMSP	2012	12.939.107	13.308.420	100	0,972
	2013	13.249.559	14.155.035	100	0,936
	2014	14.882.516	13.498.114	100	1,103
	2015	5.994.664	32.016.060	100	0,187
	2016	8.333.263	34.175.014	100	0,244
	2017	9.028.078	34.112.985	100	0,265
	2018	11.244.167	35.358.253	100	0,318
	2019	15.223.076	35.679.730	100	0,427
GGRM	2012	14.903	26.606	100	0,560
	2013	21.353	29.416	100	0,726
	2014	25.099	33.134	100	0,757
	2015	25.497	38.007	100	0,671
	2016	23.387	39.564	100	0,591
	2017	24.572	42.187	100	0,582
	2018	23.963	45.133	100	0,531
	2019	27.716	50.930	100	0,614
IGAR	2012	70.313.908	242.028.852	100	0,291
	2013	89.033.869	225.742.774	100	0,394
	2014	1.735.459	24.229.246	100	0,072
	2015	1.802.034	24.105.812	100	0,075
	2016	1.787.737	27.192.952	100	0,066
	2017	2.118.516	22.405.934	100	0,095
	2018	2.669.656	20.553.933	100	0,130
	2019	1.704.352	20.193.902	100	0,084
CPIN	2012	4.172.163	8.176.464	100	0,510
	2013	5.771.297	9.950.900	100	0,580
	2014	9.836.577	20.841.795	100	0,472

	2015	12.123.488	24.684.915	100	0,491
	2016	10.047.751	14.157.243	100	0,710
	2017	8.819.768	15.702.825	100	0,562
	2018	8.253.944	19.391.174	100	0,426
	2019	8.281.441	21.071.600	100	0,393
KBLF	2012	2.046.313	7.371.643	100	0,278
	2013	2.815.103	8.499.957	100	0,331
	2014	2.675.166	9.764.101	100	0,274
	2015	2.758.131	10.938.285	100	0,252
	2016	2.762.162	12.463.847	100	0,222
	2017	2.722.207	13.894.031	100	0,196
	2018	2.851.611	15.294.594	100	0,186
	2019	3.559.144	16.705.582	100	0,213
KBLI	2012	316.557.194	845.141.024	100	0,375
	2013	450.372.590	886.649.700	100	0,508
	2014	414.243.648	926.637.603	100	0,447
	2015	524.437.909	1.027.361.931	100	0,510
	2016	550.076.575	1.321.345.840	100	0,416
	2017	1.227.014.231	1.786.746.385	100	0,687
	2018	1.213.840.888	2.030.980.758	100	0,598
	2019	1.174.014.083	2.382.460.627	100	0,493
LION	2012	61.667.654	371.829.387	100	0,166
	2013	82.783.559	415.784.337	100	0,199
	2014	156.123.758	443.978.957	100	0,352
	2015	184.730.653	454.599.496	100	0,406
	2016	215.209.902	470.603.093	100	0,457
	2017	229.630.859	452.307.088	100	0,508
	2018	221.022.066	475.170.562	100	0,465
	2019	219.318.262	468.699.629	100	0,468
TCID	2012	164.751	1.096.821	100	0,150
	2013	282.961	1.182.990	100	0,239
	2014	569.730	1.283.504	100	0,444
	2015	367.225	1.714.871	100	0,214
	2016	401.942	1.783.158	100	0,225
	2017	503.480	1.858.326	100	0,271
	2018	472.680	1.972.463	100	0,240
	2019	532.048	2.019.143	100	0,264
TSPC	2012	1.279.829	3.353.156	100	0,382
	2013	1.581.513	3.835.547	100	0,412
	2014	1.527.429	4.082.128	100	0,374
	2015	1.947.588	4.337.141	100	0,449
	2016	1.950.534	4.635.273	100	0,421

	2017	2.352.892	5.082.008	100	0,463
	2018	2.437.127	5.432.848	100	0,449
	2019	2.581.734	5.791.036	100	0,446
INDF	2012	25.249.168	34.140.237	100	0,740
	2013	39.719.660	38.373.129	100	1,035
	2014	45.803.053	40.274.198	100	1,137
	2015	48.708.933	43.121.593	100	1,130
	2016	38.233.092	43.941.423	100	0,870
	2017	41.182.764	46.756.724	100	0,881
	2018	46.620.996	49.916.800	100	0,934
	2019	41.996.071	54.202.488	100	0,775
DVLA	2012	233.144.997	841.546.479	100	0,277
	2013	275.351.336	914.702.952	100	0,301
	2014	273.816.042	962.431.483	100	0,285
	2015	402.760.903	973.517.334	100	0,414
	2016	451.785.946	1.079.579.612	100	0,418
	2017	524.586.078	1.116.300.069	100	0,470
	2018	482.559.876	1.200.261.863	100	0,402
	2019	523.881.726	1.306.078.988	100	0,401
SMSM	2012	594.468.437.057	521.459.617.425	100	1,140
	2013	619.707.544.714	711.584.558.169	100	0,871
	2014	538.368.000	850.513.000	100	0,633
	2015	600.757.000	1.007.941.000	100	0,596
	2016	674.685.000	1.580.055.000	100	0,427
	2017	615.157.000	1.828.184.000	100	0,336
	2018	650.926.000	2.150.277.000	100	0,303
	2019	664.678.000	2.442.303.000	100	0,272
CEKA	2012	564.289.732.196	463.402.986.308	100	1,218
	2013	541.352.365.829	528.274.933.918	100	1,025
	2014	746.598.865.219	537.551.172.122	100	1,389
	2015	845.932.695.663	639.893.514.352	100	1,322
	2016	538.044.038.690	887.920.113.728	100	0,606
	2017	489.592.257.434	903.044.187.067	100	0,542
	2018	192.308.466.864	976.647.575.842	100	0,197
	2019	261.784.845.240	1.131.294.696.834	100	0,231
RICY	2012	475.541.284.698	366.957.389.624	100	1,296
	2013	728.675.060.830	381.190.268.929	100	1,912
	2014	781.749.249.068	390.263.218.936	100	2,003
	2015	798.114.824.380	400.079.043.512	100	1,995
	2016	876.184.885.001	412.499.070.065	100	2,124
	2017	944.179.416.586	430.265.371.696	100	2,194
	2018	1.094.692.568.786	444.909.486.046	100	2,460

	2019	1.162.598.358.789	457.256.377.463	100	2,543
AUTO	2012	3.396.543	5.485.099	100	0,619
	2013	3.058.924	9.558.754	100	0,320
	2014	4.244.862	10.142.706	100	0,419
	2015	4.195.684	10.143.426	100	0,414
	2016	4.075.716	10.536.558	100	0,387
	2017	4.003.233	10.759.076	100	0,372
	2018	4.626.013	11.263.635	100	0,411
	2019	4.365.175	11.650.534	100	0,375
ARNA	2012	332.551.590.871	604.808.179.406	100	0,550
	2013	366.754.918.531	768.489.883.529	100	0,477
	2014	349.995.874.987	909.942.258.556	100	0,385
	2015	536.050.998.398	894.728.477.056	100	0,599
	2016	595.128.097.887	948.088.201.259	100	0,628
	2017	571.946.769.034	1.029.399.792.539	100	0,556
	2018	556.309.556.626	1.096.596.429.104	100	0,507
	2019	622.355.306.743	1.176.781.762.600	100	0,529
ROTI	2012	538.337.083.673	666.607.597.550	100	0,808
	2013	1.035.351.397.437	787.337.649.671	100	1,315
	2014	1.189.311.196.709	953.583.079.507	100	1,247
	2015	1.517.788.685.162	1.188.534.951.872	100	1,277
	2016	1.476.889.086.692	1.442.751.772.026	100	1,024
	2017	1.739.467.993.982	2.820.105.715.429	100	0,617
	2018	1.476.909.260.772	2.916.901.120.111	100	0,506
	2019	1.589.486.465.854	3.092.597.379.097	100	0,514
WIIM	2012	22.217.707.911	551.355.272.572	100	0,040
	2013	20.283.430.154	562.799.337.816	100	0,036
	2014	6.068.149.652	657.175.128.385	100	0,009
	2015	10.356.100.447	566.537.603.073	100	0,018
	2016	362.540.740.471	991.093.391.804	100	0,366
	2017	247.620.731.930	978.091.361.111	100	0,253
	2018	101.858.420.930	588.272.807.216	100	0,173
	2019	101.455.650.898	580.287.988.867	100	0,175



### Data Multiple Large Shareholder Structure

KODE	TAHUN	PS 2	PS 1	X2
MLBI	2012	3.680	15.823	0,233
	2013	34.400	16.064	2,141
	2014	344.005	1.723.151	0,200
	2015	383.849	1.723.151	0,223
	2016	383.849	1.723.151	0,223
	2017	383.849	1.723.151	0,223
	2018	383.849	1.723.151	0,223
	2019	383.849	1.723.151	0,223
UNVR	2012	1.145.122	6.484.877	0,177
	2013	1.145.122	6.484.877	0,177
	2014	1.145.122	6.484.877	0,177
	2015	1.145.122	6.484.877	0,177
	2016	1.145.122	6.484.877	0,177
	2017	1.145.122	6.484.877	0,177
	2018	1.145.122	6.484.877	0,177
	2019	1.145.122	6.484.877	0,177
SCCO	2012	357.450	35.036.137	0,010
	2013	357.450	42.882.125	0,008
	2014	61.000.000	67.307.760	0,906
	2015	58.307.760	61.000.000	0,956
	2016	59.307.760	61.000.000	0,972
	2017	59.307.760	61.000.000	0,972
	2018	59.307.760	61.000.000	0,972
	2019			0,972

		59.307.760	61.000.000	
DLTA	2012	3.736.920	9.341.223	0,400
	2013	3.736.920	9.341.223	0,400
	2014	3.736.920	9.341.223	0,400
	2015	186.846.000	467.061.150	0,400
	2016	186.846.000	467.061.150	0,400
	2017	186.846.000	467.061.150	0,400
	2018	186.846.000	467.061.150	0,400
	2019	210.200.700	467.061.150	0,450
JPFA	2012	326.056.661	450.949.843	0,723
	2013	326.056.661	450.949.843	0,723
	2014	450.949.843	613.069.973	0,736
	2015	447.421.233	616.598.583	0,726
	2016	420.416.683	581.936.668	0,722
	2017	420.012.663	581.936.668	0,722
	2018	420.239.683	614.811.571	0,684
	2019	557.109.828	614.811.571	0,906
INTP	2012	132.401.560	187.748.086	0,705
	2013	132.401.560	187.748.086	0,705
	2014	132.401.560	187.748.086	0,705
	2015	132.401.560	187.748.086	0,705
	2016	180.375.083	187.748.086	0,961
	2017	180.375.083	187.748.086	0,961
	2018	180.375.083	187.748.086	0,961
	2019	180.375.083	187.748.086	0,961
ASII	2012			0,995

		201.806.581	202.882.550	
	2013	201.807.081	202.882.550	0,995
	2014	201.803.331	202.882.550	0,995
	2015	201.803.831	202.882.550	0,995
	2016	201.791.081	202.882.550	0,995
	2017	201.791.081	202.882.550	0,995
	2018	201.751.862	202.882.550	0,994
	2019	201.707.732	202.882.550	0,994
ULTJ	2012	618.076	1.022.989	0,604
	2013	618.076	1.028.629	0,601
	2014	618.076	1.025.908	0,602
	2015	618.076	1.085.528	0,569
	2016	618.076	1.485.204	0,416
	2017	3.384.796	3.535.143	0,957
	2018	3.392.240	3.592.948	0,944
	2019	3.189.276	3.676.065	0,868
MYOR	2012	252.449.894	513.111.988	0,492
	2013	294.524.876	598.630.642	0,492
	2014	294.524.876	598.630.642	0,492
	2015	294.524.876	598.630.642	0,492
	2016	5.844.349	7.363.121	0,794
	2017	5.844.349	7.363.121	0,794
	2018	5.844.349	7.363.121	0,794
	2019	5.844.349	7.363.121	0,794
	INCI	2012	37.660.000	97.024.330
2013				0,388

		37.660.000	97.024.330	
	2014	37.660.000	97.099.274	0,388
	2015	37.660.000	97.024.567	0,388
	2016	34.042.619	92.558.948	0,368
	2017	34.042.619	92.558.948	0,368
	2018	36.879.503	99.979.864	0,369
	2019	36.879.503	99.979.864	0,369
INDS	2012	60.146.686	462.568.166	0,130
	2013	60.146.686	462.568.166	0,130
	2014	75.183.069	578.210.207	0,130
	2015	75.183.069	578.210.207	0,130
	2016	75.183.069	578.210.207	0,130
	2017	75.183.069	578.210.207	0,130
	2018	75.183.069	578.210.207	0,130
	2019	75.183.069	578.210.207	0,130
EKAD	2012	171.574.280	698.775.000	0,246
	2013	171.574.280	698.775.000	0,246
	2014	171.574.280	698.775.000	0,246
	2015	171.574.280	698.775.000	0,246
	2016	165.485.380	533.289.620	0,310
	2017	162.062.680	536.712.320	0,302
	2018	150.431.180	548.343.820	0,274
	2019	150.431.180	548.343.820	0,274
HMSP	2012	79.831	4.303.168	0,019
	2013	79.831	4.303.168	0,019
	2014			0,019

		79.831	4.303.168	
	2015	348.954	4.303.768	0,081
	2016	8.723.855	107.594.221	0,081
	2017	8.723.855	107.594.221	0,081
	2018	8.723.855	107.594.221	0,081
	2019	8.723.855	107.594.221	0,081
GGRM	2012	452.796	1.333.146	0,340
	2013	452.796	1.333.146	0,340
	2014	452.796	1.333.146	0,340
	2015	452.796	1.333.146	0,340
	2016	457.551	1.333.146	0,343
	2017	457.551	1.333.146	0,343
	2018	457.551	1.333.146	0,343
	2019	457.551	1.333.146	0,343
IGAR	2012	147.592.080	772.112.420	0,191
	2013	147.592.080	772.112.420	0,191
	2014	147.592.080	772.112.420	0,191
	2015	147.592.080	772.112.420	0,191
	2016	147.592.080	772.112.420	0,191
	2017	147.592.080	772.112.420	0,191
	2018	147.592.080	772.112.420	0,191
	2019	147.592.080	772.112.420	0,191
CPIN	2012	7.291.614	9.106.395	0,801
	2013	7.291.614	9.106.395	0,801
	2014	7.291.614	9.106.395	0,801
	2015			0,801

		7.291.614	9.106.395	
	2016	7.291.261	9.106.385	0,801
	2017	7.291.090	9.106.385	0,801
	2018	7.291.555	9.106.385	0,801
	2019	7.291.614	9.106.385	0,801
KBLF	2012	4.767.872	20.325.967	0,235
	2013	4.767.872	20.293.467	0,235
	2014	4.767.872	20.290.617	0,235
	2015	4.767.872	20.303.117	0,235
	2016	4.767.872	20.386.408	0,234
	2017	4.774.709	20.261.045	0,236
	2018	4.774.709	20.172.466	0,237
	2019	4.774.709	20.172.291	0,237
KBLI	2012	523.840	1.330.145	0,394
	2013	523.840	1.330.145	0,394
	2014	836.571	1.078.662	0,776
	2015	988.889	1.177.826	0,840
	2016	988.889	1.177.826	0,840
	2017	1.127.297	1.177.826	0,957
	2018	809.906	1.177.826	0,688
	2019	1.177.826	1.337.173	0,881
LION	2012	15.006.000	21.874.500	0,686
	2013	15.006.000	21.874.500	0,686
	2014	15.006.000	21.874.500	0,686
	2015	150.060.000	218.745.000	0,686
	2016			0,686

		150.060.000	218.745.000	
	2017	150.060.000	218.745.000	0,686
	2018	150.060.000	218.705.000	0,686
	2019	150.060.000	218.705.000	0,686
TCID	2012	42.309.417	122.319.485	0,346
	2013	42.259.750	122.319.485	0,345
	2014	42.271.638	122.319.485	0,346
	2015	52.458.900	122.319.485	0,429
	2016	52.445.900	122.319.485	0,429
	2017	52.352.167	122.319.485	0,428
	2018	52.375.534	122.319.485	0,428
	2019	48.209.404	126.485.615	0,381
TSPC	2012	1.022.149.182	3.477.850.818	0,294
	2013	1.019.853.182	3.480.146.818	0,293
	2014	1.011.383.082	3.488.616.918	0,290
	2015	982.664.782	3.517.335.218	0,279
	2016	971.160.582	3.528.839.418	0,275
	2017	948.392.782	3.551.607.218	0,267
	2018	664.476.682	3.595.726.618	0,185
	2019	880.176.582	3.619.823.418	0,243
INDF	2012	4.382.943.030	4.396.103.450	0,997
	2013	4.382.943.030	4.396.103.450	0,997
	2014	4.382.943.030	4.396.103.450	0,997
	2015	4.382.943.030	4.396.103.450	0,997
	2016	4.382.943.030	4.396.103.450	0,997
	2017			0,997

		4.382.943.030	4.396.103.450	
	2018	4.382.943.030	4.396.103.450	0,997
	2019	4.382.943.030	4.396.103.450	0,997
DVLA	2012	82.199.088	1.037.800.912	0,079
	2013	82.199.088	1.037.800.912	0,079
	2014	78.124.388	1.037.800.912	0,075
	2015	78.124.388	1.037.800.912	0,075
	2016	84.124.388	1.037.800.912	0,081
	2017	84.124.388	1.031.800.912	0,082
	2018	84.145.188	1.031.800.912	0,082
	2019	86.954.488	1.031.800.912	0,084
	SMSM	2012	602.852.933	836.815.927
2013		602.852.933	836.815.927	0,720
2014		602.852.933	836.815.927	0,720
2015		602.852.933	836.815.927	0,720
2016		1.950.933.920	3.347.263.708	0,583
2017		1.950.933.920	3.347.263.708	0,583
2018		1.951.588.180	3.347.263.708	0,583
2019		1.951.842.080	3.347.263.708	0,583
CEKA	2012	23.764.500	258.885.500	0,092
	2013	21.514.500	258.885.500	0,083
	2014	21.514.500	258.885.500	0,083
	2015	47.529.000	517.771.000	0,092
	2016	43.029.000	517.771.000	0,083
	2017	43.029.000	517.771.000	0,083
	2018			0,083



		43.029.000	517.771.000	
	2019	47.529.000	517.771.000	0,092
RICY	2012	125.000.000	333.429.901	0,375
	2013	125.000.000	333.429.901	0,375
	2014	125.000.000	333.429.910	0,375
	2015	125.000.000	333.429.910	0,375
	2016	125.000.000	333.429.910	0,375
	2017	125.000.000	298.315.410	0,419
	2018	125.000.000	333.429.910	0,375
	2019	125.000.000	333.429.910	0,375
	AUTO	2012	164.866.330	3.688.203.070
2013		960.843.663	3.855.786.337	0,249
2014		962.929.913	3.855.786.337	0,250
2015		963.946.663	3.855.786.337	0,250
2016		963.946.663	3.855.786.337	0,250
2017		963.946.663	3.855.786.337	0,250
2018		963.946.663	3.855.786.337	0,250
2019		963.946.663	3.855.786.337	0,250
ARNA		2012	457.500.000	658.857.864
	2013	446.000.000	902.162.244	0,494
	2014	1.800.000.000	3.316.148.876	0,543
	2015	1.800.000.000	3.808.255.576	0,473
	2016	2.740.000.000	3.575.980.976	0,766
	2017	2.740.000.000	3.575.280.976	0,766
	2018	2.740.000.000	3.565.762.676	0,768
	2019			0,770

		2.740.000.000	3.559.689.776	
ROTI	2012	245.497.300	318.893.400	0,770
	2013	1.480.576.500	1.594.467.000	0,929
	2014	1.480.576.500	1.594.467.000	0,929
	2015	1.479.876.500	1.594.467.000	0,928
	2016	1.549.876.500	1.594.467.000	0,972
	2017	1.594.467.000	1.838.460.681	0,867
	2018	1.583.799.981	1.594.467.000	0,993
	2019	1.583.799.981	1.594.467.000	0,993
WIIM	2012	472.018.070	629.962.000	0,749
	2013	472.018.070	629.962.000	0,749
	2014	472.018.070	605.536.220	0,780
	2015	472.018.070	711.422.720	0,663
	2016	472.018.070	593.623.878	0,795
	2017	339.014.885	691.938.643	0,490
	2018	339.014.885	683.938.643	0,496
	2019	339.014.885	692.897.243	0,489

### Data Kepemilikan Institusional

KODE	TAHUN	JUMLAH SAHAM INSTITUSIONAL	JUMLAH SAHAM BEREDAR	X3
MLBI	2012	17.389.130	21.070.000	0,825
	2013	17.629.950	21.070.000	0,837
	2014	1.762.995	2.107.000	0,837
	2015	1.723.151	2.107.000	0,818
	2016	1.723.151	2.107.000	0,818
	2017	1.723.151	2.107.000	0,818
	2018	1.723.151	2.107.000	0,818
	2019	1.723.151	2.107.000	0,818
UNVR	2012	6.484.877	7.630.000	0,850
	2013	6.484.877	7.630.000	0,850
	2014	6.484.877	7.630.000	0,850
	2015	6.484.877	7.630.000	0,850
	2016	6.484.877	7.630.000	0,850
	2017	6.484.877	7.630.000	0,850
	2018	6.484.877	7.630.000	0,850
	2019	6.484.877	7.630.000	0,850
SCCO	2012	35.400	35.400.587	0,001
	2013	43.246	43.246.575	0,001
	2014	138.275.640	205.583.400	0,673
	2015	146.275.640	205.583.400	0,712
	2016	146.275.640	205.583.400	0,712
	2017	146.275.640	205.583.400	0,712
	2018	146.275.640	205.583.400	0,712

	2019	146.275.640	205.583.400	0,712
DLTA	2012	13.078.143	16.013.181	0,817
	2013	13.078.143	16.013.181	0,817
	2014	13.078.143	16.013.181	0,817
	2015	653.907.150	800.659.050	0,817
	2016	653.907.150	800.659.050	0,817
	2017	653.907.150	800.659.050	0,817
	2018	653.907.150	800.659.050	0,817
	2019	677.261.850	800.659.050	0,846
	JPFA	2012	61.306.997	106.401.981
2013		61.306.997	106.401.981	0,576
2014		6.130.699.735	10.640.198.170	0,576
2015		6.165.985.835	10.640.198.170	0,579
2016		7.186.031.335	11.390.198.170	0,631
2017		7.186.028.335	11.386.157.970	0,631
2018		7.514.780.366	11.717.177.201	0,641
2019		6.148.115.716	11.719.214.001	0,525
INTP	2012	2.357.216.097	3.681.231.699	0,640
	2013	2.357.216.097	3.681.231.699	0,640
	2014	2.357.216.097	3.681.231.699	0,640
	2015	2.357.216.097	3.681.231.699	0,640
	2016	1.877.480.863	3.681.231.699	0,510
	2017	1.877.480.863	3.681.231.699	0,510
	2018	1.877.480.863	3.681.231.699	0,510
	2019	1.877.480.863	3.681.231.699	0,510

ASII	2012	20.288.255.040	40.483.553.140	0,501
	2013	20.288.255.040	40.483.553.140	0,501
	2014	20.288.255.040	40.483.553.140	0,501
	2015	20.288.255.040	40.483.553.140	0,501
	2016	20.288.255.040	40.483.553.140	0,501
	2017	20.288.255.040	40.483.553.140	0,501
	2018	20.288.255.040	40.483.553.140	0,501
	2019	20.288.255.040	40.483.553.140	0,501
ULTJ	2012	1.346.336	2.888.382	0,466
	2013	1.345.696	2.888.382	0,466
	2014	1.345.696	2.888.382	0,466
	2015	1.285.696	2.888.382	0,445
	2016	1.071.348	2.888.382	0,371
	2017	4.258.588	11.553.528	0,369
	2018	4.193.338	11.553.528	0,363
	2019	4.203.338	11.553.528	0,364
MYOR	2012	252.449.894	766.584.000	0,329
	2013	294.524.876	894.347.989	0,329
	2014	294.524.876	894.347.989	0,329
	2015	294.524.876	894.347.989	0,329
	2016	13.207.470	22.358.699	0,591
	2017	13.207.470	22.358.699	0,591
	2018	13.207.470	22.358.699	0,591
	2019	13.207.470	22.358.699	0,591
INCI	2012	53.835.506	181.035.556	0,297

	2013	53.835.506	181.035.556	0,297
	2014	58.812.506	181.035.556	0,325
	2015	58.812.506	181.035.556	0,325
	2016	27.682.506	181.035.556	0,153
	2017	27.682.506	181.035.556	0,153
	2018	29.989.381	196.121.237	0,153
	2019	29.989.381	196.121.237	0,153
INDS	2012	462.568.166	525.000.000	0,881
	2013	462.568.166	525.000.000	0,881
	2014	578.210.207	656.249.710	0,881
	2015	578.210.207	656.249.710	0,881
	2016	578.210.207	656.249.710	0,881
	2017	578.210.207	656.249.710	0,881
	2018	578.210.207	656.249.710	0,881
	2019	578.210.207	656.249.710	0,881
EKAD	2012	527.200.720	698.775.000	0,754
	2013	527.200.720	698.775.000	0,754
	2014	527.200.720	698.775.000	0,754
	2015	527.200.720	698.775.000	0,754
	2016	533.289.620	698.775.000	0,763
	2017	536.712.320	698.775.000	0,768
	2018	548.343.820	698.775.000	0,785
	2019	548.343.820	698.775.000	0,785
	HMSP	2012	4.303.168	4.383.000
2013		4.303.168	4.383.000	0,982

	2014	4.303.168	4.383.000	0,982
	2015	4.303.768	4.652.723	0,925
	2016	107.594.221	116.318.076	0,925
	2017	107.594.221	116.318.076	0,925
	2018	107.594.221	116.318.076	0,925
	2019	107.594.221	116.318.076	0,925
GGRM	2012	1.453.588	1.924.088	0,755
	2013	1.453.588	1.924.088	0,755
	2014	1.453.588	1.924.088	0,755
	2015	1.453.588	1.924.088	0,755
	2016	1.453.588	1.924.088	0,755
	2017	1.453.588	1.924.088	0,755
	2018	1.453.588	1.924.088	0,755
	2019	1.453.588	1.924.088	0,755
IGAR	2012	824.612.420	972.204.500	0,848
	2013	824.612.420	972.204.500	0,848
	2014	824.612.420	972.204.500	0,848
	2015	824.612.420	972.204.500	0,848
	2016	824.612.420	972.204.500	0,848
	2017	824.612.420	972.204.500	0,848
	2018	824.612.420	972.204.500	0,848
	2019	824.612.420	972.204.500	0,848
CPIN	2012	9.106.385	16.398.000	0,555
	2013	9.106.385	16.398.000	0,555
	2014	9.106.385	16.398.000	0,555

	2015	9.106.385	16.398.000	0,555
	2016	9.106.385	16.398.000	0,555
	2017	9.106.385	16.398.000	0,555
	2018	9.106.385	16.398.000	0,555
	2019	9.106.385	16.398.000	0,555
KBLF	2012	26.549.151	46.875.122	0,566
	2013	26.581.651	46.875.122	0,567
	2014	26.584.501	46.875.122	0,567
	2015	26.572.001	46.875.122	0,567
	2016	26.488.709	46.875.122	0,565
	2017	26.614.073	46.875.122	0,568
	2018	26.702.653	46.875.122	0,570
	2019	26.702.828	46.875.122	0,570
KBLI	2012	2.954.761	4.007.235	0,737
	2013	2.954.761	4.007.235	0,737
	2014	2.022.943	4.007.235	0,505
	2015	2.304.962	4.007.235	0,575
	2016	2.345.034	4.007.235	0,585
	2017	2.206.626	4.007.235	0,551
	2018	2.524.017	4.007.235	0,630
	2019	1.996.750	4.007.235	0,498
LION	2012	30.012.000	52.016.000	0,577
	2013	30.012.000	52.016.000	0,577
	2014	30.012.000	52.016.000	0,577
	2015	300.120.000	520.160.000	0,577



	2016	300.120.000	520.160.000	0,577
	2017	300.120.000	520.160.000	0,577
	2018	300.120.000	520.160.000	0,577
	2019	300.120.000	520.160.000	0,577
TCID	2012	155.211.641	201.066.667	0,772
	2013	155.211.641	201.066.667	0,772
	2014	155.261.641	201.066.667	0,772
	2015	145.074.379	201.066.667	0,722
	2016	145.074.379	201.066.667	0,722
	2017	144.804.112	201.066.667	0,720
	2018	145.177.745	201.066.667	0,722
	2019	149.343.875	201.066.667	0,743
TSPC	2012	3.477.850.818	4.500.000.000	0,773
	2013	3.480.146.818	4.500.000.000	0,773
	2014	3.488.616.918	4.500.000.000	0,775
	2015	3.517.335.218	4.500.000.000	0,782
	2016	3.528.839.418	4.500.000.000	0,784
	2017	3.551.607.218	4.500.000.000	0,789
	2018	3.835.523.318	4.500.000.000	0,852
	2019	3.619.823.418	4.500.000.000	0,804
INDF	2012	4.396.103.450	8.780.426.500	0,501
	2013	4.396.103.450	8.780.426.500	0,501
	2014	4.396.103.450	8.780.426.500	0,501
	2015	4.396.103.450	8.780.426.500	0,501
	2016	4.396.103.450	8.780.426.500	0,501

	2017	4.396.103.450	8.780.426.500	0,501
	2018	4.396.103.450	8.780.426.500	0,501
	2019	4.396.103.450	8.780.426.500	0,501
DVLA	2012	1.037.800.912	1.120.000.000	0,927
	2013	1.037.800.912	1.120.000.000	0,927
	2014	1.037.800.912	1.120.000.000	0,927
	2015	1.037.800.912	1.120.000.000	0,927
	2016	1.037.800.912	1.120.000.000	0,927
	2017	1.031.800.912	1.120.000.000	0,921
	2018	1.031.800.912	1.120.000.000	0,921
	2019	1.031.800.912	1.120.000.000	0,921
SMSM	2012	836.815.927	1.439.668.860	0,581
	2013	836.815.927	1.439.668.860	0,581
	2014	836.815.927	1.439.668.860	0,581
	2015	836.815.927	1.439.668.860	0,581
	2016	3.347.263.708	5.758.675.440	0,581
	2017	3.347.263.708	5.758.675.440	0,581
	2018	3.347.263.708	5.758.675.440	0,581
	2019	3.347.263.708	5.758.675.440	0,581
CEKA	2012	258.885.500	297.500.000	0,870
	2013	258.885.500	297.500.000	0,870
	2014	258.885.500	297.500.000	0,870
	2015	517.771.000	595.000.000	0,870
	2016	517.771.000	595.000.000	0,870
	2017	517.771.000	595.000.000	0,870

	2018	517.771.000	595.000.000	0,870	
	2019	517.771.000	595.000.000	0,870	
RICY	2012	308.287.600	641.717.510	0,480	
	2013	308.287.600	641.717.510	0,480	
	2014	308.287.600	641.717.510	0,480	
	2015	308.287.600	641.717.510	0,480	
	2016	308.287.600	641.717.510	0,480	
	2017	343.402.100	641.717.510	0,535	
	2018	308.287.600	641.717.510	0,480	
	2019	308.287.600	641.717.510	0,480	
	AUTO	2012	3.688.203.070	3.855.786.400	0,957
		2013	3.855.786.337	4.819.733.000	0,800
2014		3.855.786.337	4.819.733.000	0,800	
2015		3.855.786.337	4.819.733.000	0,800	
2016		3.855.786.337	4.819.733.000	0,800	
2017		3.855.786.337	4.819.733.000	0,800	
2018		3.855.786.337	4.819.733.000	0,800	
2019		3.855.786.337	4.819.733.000	0,800	
ARNA	2012	1.176.499.880	1.835.357.744	0,641	
	2013	933.195.500	1.835.357.744	0,508	
	2014	4.025.282.100	7.341.430.976	0,548	
	2015	3.530.347.500	7.341.430.976	0,481	
	2016	1.025.450.000	7.341.430.976	0,140	
	2017	1.026.150.000	7.341.430.976	0,140	
	2018	1.026.388.000	7.332.150.676	0,140	

	2019	1.027.150.000	7.326.839.776	0,140
ROTI	2012	766.862.700	1.012.360.000	0,758
	2013	3.581.223.500	5.061.800.000	0,708
	2014	3.581.223.500	5.061.800.000	0,708
	2015	3.581.223.500	5.061.800.000	0,708
	2016	3.511.223.500	5.061.100.000	0,694
	2017	4.347.938.207	6.186.488.888	0,703
	2018	4.523.028.207	6.106.828.188	0,741
	2019	4.523.028.207	6.106.828.188	0,741
	WIIM	2012	871.709.620	2.099.873.760
2013		871.709.620	2.099.873.760	0,415
2014		977.596.120	2.099.873.760	0,466
2015		871.709.620	2.099.873.760	0,415
2016		984.609.041	2.099.873.760	0,469
2017		609.786.391	2.099.873.760	0,290
2018		617.786.391	2.099.873.760	0,294
2019		608.827.791	2.099.873.760	0,290

### Data Umur Perusahaan

KODE	TAHUN	TAHUN PENGAMATAN	TAHUN IPO	X4
MLBI	2012	2012	1981	31
	2013	2013	1981	32
	2014	2014	1981	33
	2015	2015	1981	34
	2016	2016	1981	35
	2017	2017	1981	36
	2018	2018	1981	37
	2019	2019	1981	38
UNVR	2012	2012	1982	30
	2013	2013	1982	31
	2014	2014	1982	32
	2015	2015	1982	33
	2016	2016	1982	34
	2017	2017	1982	35
	2018	2018	1982	36
	2019	2019	1982	37
SCCO	2012	2012	1982	30
	2013	2013	1982	31
	2014	2014	1982	32
	2015	2015	1982	33
	2016	2016	1982	34
	2017	2017	1982	35
	2018	2018	1982	36
	2019	2019	1982	37
DLTA	2012	2012	1984	28
	2013	2013	1984	29
	2014	2014	1984	30
	2015	2015	1984	31
	2016	2016	1984	32
	2017	2017	1984	33
	2018	2018	1984	34
	2019	2019	1984	35
JPFA	2012	2012	1989	23
	2013	2013	1989	24
	2014	2014	1989	25
	2015	2015	1989	26
	2016	2016	1989	27
	2017	2017	1989	28
	2018	2018	1989	29

	2019	2019	1989	30
INTP	2012	2012	1989	23
	2013	2013	1989	24
	2014	2014	1989	25
	2015	2015	1989	26
	2016	2016	1989	27
	2017	2017	1989	28
	2018	2018	1989	29
	2019	2019	1989	30
ASII	2012	2012	1990	22
	2013	2013	1990	23
	2014	2014	1990	24
	2015	2015	1990	25
	2016	2016	1990	26
	2017	2017	1990	27
	2018	2018	1990	28
	2019	2019	1990	29
ULTJ	2012	2012	1990	22
	2013	2013	1990	23
	2014	2014	1990	24
	2015	2015	1990	25
	2016	2016	1990	26
	2017	2017	1990	27
	2018	2018	1990	28
	2019	2019	1990	29
MYOR	2012	2012	1990	22
	2013	2013	1990	23
	2014	2014	1990	24
	2015	2015	1990	25
	2016	2016	1990	26
	2017	2017	1990	27
	2018	2018	1990	28
	2019	2019	1990	29
INCI	2012	2012	1990	22
	2013	2013	1990	23
	2014	2014	1990	24
	2015	2015	1990	25
	2016	2016	1990	26
	2017	2017	1990	27
	2018	2018	1990	28
	2019	2019	1990	29
INDS	2012	2012	1990	22

	2013	2013	1990	23
	2014	2014	1990	24
	2015	2015	1990	25
	2016	2016	1990	26
	2017	2017	1990	27
	2018	2018	1990	28
	2019	2019	1990	29
EKAD	2012	2012	1990	22
	2013	2013	1990	23
	2014	2014	1990	24
	2015	2015	1990	25
	2016	2016	1990	26
	2017	2017	1990	27
	2018	2018	1990	28
	2019	2019	1990	29
HMSP	2012	2012	1990	22
	2013	2013	1990	23
	2014	2014	1990	24
	2015	2015	1990	25
	2016	2016	1990	26
	2017	2017	1990	27
	2018	2018	1990	28
	2019	2019	1990	29
GGRM	2012	2012	1990	22
	2013	2013	1990	23
	2014	2014	1990	24
	2015	2015	1990	25
	2016	2016	1990	26
	2017	2017	1990	27
	2018	2018	1990	28
	2019	2019	1990	29
IGAR	2012	2012	1990	22
	2013	2013	1990	23
	2014	2014	1990	24
	2015	2015	1990	25
	2016	2016	1990	26
	2017	2017	1990	27
	2018	2018	1990	28
	2019	2019	1990	29
CPIN	2012	2012	1991	21
	2013	2013	1991	22
	2014	2014	1991	23

	2015	2015	1991	24
	2016	2016	1991	25
	2017	2017	1991	26
	2018	2018	1991	27
	2019	2019	1991	28
KBLF	2012	2012	1991	21
	2013	2013	1991	22
	2014	2014	1991	23
	2015	2015	1991	24
	2016	2016	1991	25
	2017	2017	1991	26
	2018	2018	1991	27
	2019	2019	1991	28
KBLI	2012	2012	1992	20
	2013	2013	1992	21
	2014	2014	1992	22
	2015	2015	1992	23
	2016	2016	1992	24
	2017	2017	1992	25
	2018	2018	1992	26
	2019	2019	1992	27
LION	2012	2012	1993	19
	2013	2013	1993	20
	2014	2014	1993	21
	2015	2015	1993	22
	2016	2016	1993	23
	2017	2017	1993	24
	2018	2018	1993	25
	2019	2019	1993	26
TCID	2012	2012	1993	19
	2013	2013	1993	20
	2014	2014	1993	21
	2015	2015	1993	22
	2016	2016	1993	23
	2017	2017	1993	24
	2018	2018	1993	25
	2019	2019	1993	26
TSPC	2012	2012	1994	18
	2013	2013	1994	19
	2014	2014	1994	20
	2015	2015	1994	21
	2016	2016	1994	22



	2017	2017	1994	23
	2018	2018	1994	24
	2019	2019	1994	25
INDF	2012	2012	1994	18
	2013	2013	1994	19
	2014	2014	1994	20
	2015	2015	1994	21
	2016	2016	1994	22
	2017	2017	1994	23
	2018	2018	1994	24
	2019	2019	1994	25
DVLA	2012	2012	1994	18
	2013	2013	1994	19
	2014	2014	1994	20
	2015	2015	1994	21
	2016	2016	1994	22
	2017	2017	1994	23
	2018	2018	1994	24
	2019	2019	1994	25
SMSM	2012	2012	1996	16
	2013	2013	1996	17
	2014	2014	1996	18
	2015	2015	1996	19
	2016	2016	1996	20
	2017	2017	1996	21
	2018	2018	1996	22
	2019	2019	1996	23
CEKA	2012	2012	1996	16
	2013	2013	1996	17
	2014	2014	1996	18
	2015	2015	1996	19
	2016	2016	1996	20
	2017	2017	1996	21
	2018	2018	1996	22
	2019	2019	1996	23
RICY	2012	2012	1998	14
	2013	2013	1998	15
	2014	2014	1998	16
	2015	2015	1998	17
	2016	2016	1998	18
	2017	2017	1998	19
	2018	2018	1998	20

	2019	2019	1998	21
AUTO	2012	2012	1998	14
	2013	2013	1998	15
	2014	2014	1998	16
	2015	2015	1998	17
	2016	2016	1998	18
	2017	2017	1998	19
	2018	2018	1998	20
	2019	2019	1998	21
ARNA	2012	2012	2001	11
	2013	2013	2001	12
	2014	2014	2001	13
	2015	2015	2001	14
	2016	2016	2001	15
	2017	2017	2001	16
	2018	2018	2001	17
	2019	2019	2001	18
ROTI	2012	2012	2010	2
	2013	2013	2010	3
	2014	2014	2010	4
	2015	2015	2010	5
	2016	2016	2010	6
	2017	2017	2010	7
	2018	2018	2010	8
	2019	2019	2010	9
WIIM	2012	2012	2012	0
	2013	2013	2012	1
	2014	2014	2012	2
	2015	2015	2012	3
	2016	2016	2012	4
	2017	2017	2012	5
	2018	2018	2012	6
	2019	2019	2012	7