

## LAMPIRAN 1 : PERHITUNGAN LIKUIDITAS

NAMA PERUSAHAAN	TAHUN	K&SK	LJP	IM	PU	PL	PERSEDIAAN	BDM	PDM	ALL	UM
Catur Sentosa Adiprana Tbk.	2014	51.121	11.241		1.076.297	63.113	1.242.867	32.987	9.027	55.121	
Catur Sentosa Adiprana Tbk.	2015	63.048	8.696		948.139	93.376	1.351.860	34.595	15.088	39.520	
Catur Sentosa Adiprana Tbk.	2016	71.924	6.655		1.143.787	116.658	1.636.601	56.692	44.641	57.623	
Catur Sentosa Adiprana Tbk.	2017	90.495	2.772		1.423.777	156.186	1.769.543	66.643	82.548	70.530	
Catur Sentosa Adiprana Tbk.	2018	66.648	3.404		1.357.502	253.689	2.130.161	96.064	59.463	119.759	
Electronic City Indonesia Tbk.	2014	443.620		276.500	6.773	11.348	489.219	74.588	22.806		114.565
Electronic City Indonesia Tbk.	2015	434.673		166.300	12.066	14.418	436.703	63.135	16.239		173.163
Electronic City Indonesia Tbk.	2016	417.077		166.300	17.049	33.111	431.612	52.718	20.028		112.858
Electronic City Indonesia Tbk.	2017	517.294		166.300	30.843	3.505	390.702	35.891	31.658		126.771
Electronic City Indonesia Tbk.	2018	473.141	82.512	166.300	17.215	9.661	353.157	60.318	21.135		83.793
Hero Supermarket Tbk.	2014	196.533			352.396	46.922	2.271.071	219.481	116.619		74.098
Hero Supermarket Tbk.	2015	147.310			390.900	61.468	2.052.544	267.412	93.542		53.258
Hero Supermarket Tbk.	2016	183.189			214.262	41.072	1.961.664	218.612	192.313		
Hero Supermarket Tbk.	2017	226.399			278.072	80.889	1.616.534	132.593	204.110		
Hero Supermarket Tbk.	2018	499.100			295.324	56.411	1.642.173	213.887	255.519		
Kokoh Inti Arebama Tbk.	2014	49.240			292.763	4.493	128.462				19.888
Kokoh Inti Arebama Tbk.	2015	71.741			366.590	24.634	154.475		5.358		8.484
Kokoh Inti Arebama Tbk.	2016	41.679			342.944	14.964	244.785		5.892		2.642
Kokoh Inti Arebama Tbk.	2017	25.074			437.993	117	230.455		5.021		1.938
Kokoh Inti Arebama Tbk.	2018	37.960			463.930	318	276.856		15.247		8.667
Matahari Department Store Tbk.	2014	785.895			45.063	64.318	955.231	87.307	71.624	26.209	81.860
Matahari Department Store Tbk.	2015	946.658			39.312	36.714	1.007.811	99.912	53.899	23.779	64.856
Matahari Department Store Tbk.	2016	1.712.844			73.137	21.429	995.276	136.028		29.739	5.599
Matahari Department Store Tbk.	2017	1.582.817			134.276	17.673	1.005.484	129.865	46.661	52.393	4.580
Matahari Department Store Tbk.	2018	1.184.080			129.487	25.019	1.290.570	135.343	112.353	130.767	6.789
Matahari Putra Prima Tbk.	2014	747.710			31.331	251.933	2.655.023	73.466		44.601	
Matahari Putra Prima Tbk.	2015	408.945			26.012	647.867	2.497.520	104.345		25.050	
Matahari Putra Prima Tbk.	2016	248.697			46.533	883.880	2.747.344	25.050	42.033	25.289	
Matahari Putra Prima Tbk.	2017	373.008			68.029	232.683	1.581.846	107.179	105.064	18.024	
Matahari Putra Prima Tbk.	2018	349.463			19.046	260.337	1.628.799	90.079	111.783	13.342	
Trikomsel Oke Tbk.	2014	612.436			2.055.588	973.241	1.950.097	60.672	111.931		2.676.779
Trikomsel Oke Tbk.	2015	22.210			76.107	14.277	81.652	37.435	38.715		15.419
Trikomsel Oke Tbk.	2016	20.026			23.695	12.137	134.872	22.210	6.246		9.750
Trikomsel Oke Tbk.	2017	14.997			12.017	6.322	87.549	23.099	69		7.662
Trikomsel Oke Tbk.	2018	11.330			12.813	1.278	65.511	13.012	9.266		15.176

Aset dimiliki untuk dijual	TAL	UBJP dan Pinjaman Lain	UU	ULL	UP	BA	LIKJP	LJPanjang -1 Th	UD	UBOWK	UMP
	2.541.774	678.961	1.463.300	48.347	4.801	31.838		23.073			
	2.554.322	783.213	1.437.072	51.275	3.379	32.683		37.588			
	3.134.581	702.965	1.635.060	47.014	14.600	39.954		53.017			
	3.662.494	1.019.006	1.888.798	78.302	59.371	50.608		63.703			
	4.086.690	1.077.993	1.999.841	73.297	27.582	55.857		68.134			
	1.439.419		130.202		2.427	15.584		13.929			3.206
	1.316.697		43.471	17.531	3.498	12.061		11.695			2.352
	1.250.753		93.686	4.860	1.731	8.126		8.270			2.767
	1.302.964		122.520	5.144	1.521	7.493		1.238			3.003
	1.267.232		124.235	9.415	2.402	4.302		1.585			4.302
6.128	3.283.248	339.688	1.589.926	545.717	16.809	295.186	53.130				
90.509	3.156.943	100.000	1.603.265	396.351	23.695	329.735	60.257				
6.128	2.817.240		1.210.602	281.506	15.048	320.750	74.190				
6.128	2.544.725		1.130.338	291.324	19.646	339.265	96.504				
	2.962.414		1.236.133	296.503	20.951	300.090	147.703				
	494.846	18.660	357.015	260	1.244	32.501					
	631.282		511.279	3.002	844	29.154					
	652.906		527.646	4.146	770	30.122					
	700.598		557.427	6.804	1.008	44.282					
	802.978	15.000	676.697	18.912	759	23.135					
	2.117.507		1.410.802	148.683	143.539	256.878	152.641	278.978			
	2.272.941		1.551.619	152.124	110.357	331.180	206.349				
	2.974.052		1.662.533	128.615	34.944	450.707	240.762				
	2.973.749		1.644.581	115.646	67.099	510.341	234.787				
	3.014.408		1.698.142	102.014	71.205	599.201	241.873				
	3.804.064		1.893.341		155.913	305.118	137.042				
	3.709.739	250.000	1.763.250		82.271	360.274	55.348				
	4.018.826	140.000	2.317.779		54.105	400.131	80.785				
	2.485.833	1.490.000	1.411.185		22.883	496.387	145.105				
	2.472.849	700.000	1.259.803		13.566	425.947	146.748				
	8.440.744	2.752.488	299.768		81.099	34.333	2.366	61.653			21.567
	285.815	2.838.697	713.137	13763	39.621	10.932	615	103.660		14.667	
	228.936		618.241	38.484	36.098	11.725		169.689	3.329.824		
22.562	174.277		404.627	59.866	35.056	15.790		155.147			
	128.386		605.999	96.647	1.185	16.544		108.936			

LKJPL	USP	PSDD	Provisi	LD	liabilitas berkaitan aset untuk dijual	TKL	CR
	1.730					2.252.050	113
						2.345.210	109
						2.492.610	126
						3.159.788	116
						3.302.704	124
		20.044				185.392	776
		3.235				93.843	1403
		2.139				121.579	1029
		1.000				141.919	918
		1.364				147.605	859
		28.642	1.195	1.840		2.872.133	114
		30.969	15.790	1.076	47.084	2.608.222	121
		28.022	40.823			1.970.941	143
		29.979	94.405			2.001.461	127
		35.280	130.499			2.167.159	137
						409.680	121
						544.279	116
						562.684	116
						609.521	115
						734.503	109
		127.000				2.518.521	84
		87.385				2.439.014	93
		70.793				2.588.354	115
		38.370				2.610.824	114
		27.376				2.739.811	110
179.266		81.640				2.752.320	138
210.233		93.333				2.814.709	132
249.538		91.542				3.333.880	121
173.455		137.179				3.876.194	64
247.681		93.771				2.887.516	86
9.582						3.262.856	259
						3.735.092	8
						4.204.061	5
						670.486	26
						829.311	15

## LAMPIRAN 2 : PERHITUNGAN PERTUMBUHAN PENJUALAN

NAMA PERUSAHAAN	TAHUN	PENJUALAN	PP
Catur Sentosa Adiprana Tbk.	2013	6.296.615	
Catur Sentosa Adiprana Tbk.	2014	6.997.923	11,14
Catur Sentosa Adiprana Tbk.	2015	7.117.833	1,71
Catur Sentosa Adiprana Tbk.	2016	7.764.889	9,09
Catur Sentosa Adiprana Tbk.	2017	9.342.144	20,31
Catur Sentosa Adiprana Tbk.	2018	10.485.450	12,24
Electronic City Indonesia Tbk.	2013	2.012.610	
Electronic City Indonesia Tbk.	2014	2.226.770	0,11
Electronic City Indonesia Tbk.	2015	1.780.602	-0,20
Electronic City Indonesia Tbk.	2016	1.659.850	-0,07
Electronic City Indonesia Tbk.	2017	1.818.471	0,10
Electronic City Indonesia Tbk.	2018	2.003.208	0,10
Hero Supermarket Tbk.	2013	11.900.354	
Hero Supermarket Tbk.	2014	12.768.973	0,07
Hero Supermarket Tbk.	2015	14.352.700	0,12
Hero Supermarket Tbk.	2016	13.677.931	-0,05
Hero Supermarket Tbk.	2017	13.033.638	-0,05
Hero Supermarket Tbk.	2018	12.970.389	0,00
Kokoh Inti Arebama Tbk.	2013	1.112.045	
Kokoh Inti Arebama Tbk.	2014	1.204.928	0,08
Kokoh Inti Arebama Tbk.	2015	1.471.441	0,22
Kokoh Inti Arebama Tbk.	2016	1.448.167	-0,02
Kokoh Inti Arebama Tbk.	2017	1.605.318	0,11
Kokoh Inti Arebama Tbk.	2018	1.750.649	0,09
Matahari Department Store Tbk.	2013	6.754.326	
Matahari Department Store Tbk.	2014	7.925.547	0,17
Matahari Department Store Tbk.	2015	9.006.893	0,14
Matahari Department Store Tbk.	2016	9.897.046	0,10
Matahari Department Store Tbk.	2017	10.023.961	0,01
Matahari Department Store Tbk.	2018	10.245.173	0,02
Matahari Putra Prima Tbk.	2013	11.912.763	
Matahari Putra Prima Tbk.	2014	13.590.405	0,14
Matahari Putra Prima Tbk.	2015	13.802.450	0,02
Matahari Putra Prima Tbk.	2016	13.527.323	-0,02
Matahari Putra Prima Tbk.	2017	12.562.780	-0,07
Matahari Putra Prima Tbk.	2018	10.692.363	-0,15
Trikonsel Oke Tbk.	2013	10.336.732	
Trikonsel Oke Tbk.	2014	10.778.295	0,04
Trikonsel Oke Tbk.	2015	6.460.566	-0,40
Trikonsel Oke Tbk.	2016	1.718.579	-0,73
Trikonsel Oke Tbk.	2017	2.028.659	0,18
Trikonsel Oke Tbk.	2018	1.671.866	-0,18

### LAMPIRAN 3 : PERHITUNGAN UKURAN PERUSAHAAN

NAMA PERUSAHAAN	TAHUN	K&SK	IJP	IM	PU	PL	PERSEDIAAN	BDM	PDM	ALL	UM
Catur Sentosa Adiprana Tbk.	2014	51.121	11.241		1.076.297	63.113	1.242.867	32.987	9.027	55.121	
Catur Sentosa Adiprana Tbk.	2015	63.048	8.696		948.139	93.376	1.351.860	34.595	15.088	39.520	
Catur Sentosa Adiprana Tbk.	2016	71.924	6.655		1.143.787	116.658	1.636.601	56.692	44.641	57.623	
Catur Sentosa Adiprana Tbk.	2017	90.495	2.772		1.423.777	156.186	1.769.543	66.643	82.548	70.530	
Catur Sentosa Adiprana Tbk.	2018	66.648	3.404		1.357.502	253.689	2.130.161	96.064	59.463	119.759	
Electronic City Indonesia Tbk.	2014	443.620		276.500	6.773	11.348	489.219	74.588	22.806		114.565
Electronic City Indonesia Tbk.	2015	434.673		166.300	12.066	14.418	436.703	63.135	16.239		173.163
Electronic City Indonesia Tbk.	2016	417.077		166.300	17.049	33.111	431.612	52.718	20.028		112.858
Electronic City Indonesia Tbk.	2017	517.294		166.300	30.843	3.505	390.702	35.891	31.658		126.771
Electronic City Indonesia Tbk.	2018	473.141	82.512	166.300	17.215	9.661	353.157	60.318	21.135		83.793
Hero Supermarket Tbk.	2014	196.533			352.396	46.922	2.271.071	219.481	116.619		74.098
Hero Supermarket Tbk.	2015	147.310			390.900	61.468	2.052.544	267.412	93.542		53.258
Hero Supermarket Tbk.	2016	183.189			214.262	41.072	1.961.664	218.612	192.313		
Hero Supermarket Tbk.	2017	226.399			278.072	80.889	1.616.534	132.593	204.110		
Hero Supermarket Tbk.	2018	499.100			295.324	56.411	1.642.173	213.887	255.519		
Kokoh Inti Arebama Tbk.	2014	49.240			292.763	4.493	128.462				19.888
Kokoh Inti Arebama Tbk.	2015	71.741			366.590	24.634	154.475		5.358		8.484
Kokoh Inti Arebama Tbk.	2016	41.679			342.944	14.964	244.785		5.892		2.642
Kokoh Inti Arebama Tbk.	2017	25.074			437.993	117	230.455		5.021		1.938
Kokoh Inti Arebama Tbk.	2018	37.960			463.930	318	276.856		15.247		8.667
Matahari Department Store Tbk.	2014	785.895			45.063	64.318	955.231	87.307	71.624	26.209	81.860
Matahari Department Store Tbk.	2015	946.658			39.312	36.714	1.007.811	99.912	53.899	23.779	64.856
Matahari Department Store Tbk.	2016	1.712.844			73.137	21.429	995.276	136.028		29.739	5.599
Matahari Department Store Tbk.	2017	1.582.817			134.276	17.673	1.005.484	129.865	46.661	52.393	4.580
Matahari Department Store Tbk.	2018	1.184.080			129.487	25.019	1.290.570	135.343	112.353	130.767	6.789
Matahari Putra Prima Tbk.	2014	747.710			31.331	251.933	2.655.023	73.466		44.601	
Matahari Putra Prima Tbk.	2015	408.945			26.012	647.867	2.497.520	104.345		25.050	
Matahari Putra Prima Tbk.	2016	248.697			46.533	883.880	2.747.344	25.050	42.033	25.289	
Matahari Putra Prima Tbk.	2017	373.008			68.029	232.683	1.581.846	107.179	105.064	18.024	
Matahari Putra Prima Tbk.	2018	349.463			19.046	260.337	1.628.799	90.079	111.783	13.342	
Trikonsel Oke Tbk.	2014	612.436			2.055.588	973.241	1.950.097	60.672	111.931		2.676.779
Trikonsel Oke Tbk.	2015	22.210			76.107	14.277	81.652	37.435	38.715		15.419
Trikonsel Oke Tbk.	2016	20.026			23.695	12.137	134.872	22.210	6.246		9.750
Trikonsel Oke Tbk.	2017	14.997			12.017	6.322	87.549	23.099	69		7.662
Trikonsel Oke Tbk.	2018	11.330			12.813	1.278	65.511	13.012	9.266		15.176



Aset dimiliki untuk dijual	TAL	AT	APT	Goodwill	ATB	PI	PDD	BDM-BL	IPEA	LJPL	SJPDD-B 1TH	ETPP
	2.541.774	641.769	48.137								41.129	21.849
	2.554.322	77.838	55.589								20.193	45.229
	3.134.581	871.364	62.810								61.991	52.875
	3.662.494	1.201.198	64.775								66.505	74.004
	4.086.690	1.377.103	62.836								68.884	105.228
	1.439.419	542.436	9.347									
	1.316.697	559.368	9.383									
	1.250.753	604.782	7.005									
	1.302.964	565.998	9.908									
	1.267.232	595.947	12.152									
6.128	3.283.248	4.610.388	31.070	9.869	83.680						60.076	
90.509	3.156.943	4.501.612	96.688	9.869	110.517						25.241	
6.128	2.817.240	4.337.359	44.793	9.869	71.523		35.186				118.347	
6.128	2.544.725	4.308.829	136.676	9.869	53.432		84.952				174.207	
	2.962.414	2.782.800	141.838	9.869	45.291	5.669	132.297				140.978	
	494.846	19.239	4.899									
	631.282	23.232	6.016									
	652.906	21.418	7.192									
	700.598	19.720	7.219									
	802.978	23.434	6.113									
	2.117.507	725.954	44.668								317.552	
	2.272.941	876.566	38.416								370.325	
	2.974.052	979.858	40.219								396.110	
	2.973.749	973.698	35.245								365.718	769.773
	3.014.408	1.249.153	32.351								374.969	
	3.804.064	1.272.601	63.997		6.316						181.902	
	3.709.739	1.461.743	67.826		3.984					31.750	330.220	
	4.018.826	1.575.559	14.022		1.739					189.760	381.686	
	2.485.833	1.486.219	452.677		2.407					310.939	357.572	
	2.472.849	1.097.913	633.154		5.198					0	316.246	
	8.440.744	124.925	80.744	564				14.202	2.913			108.433
	285.815	105.019	138.157					1.634	5.023			234.728
	228.936	81.729	69.586					4.358	4.714			11.489
22.562	174.277	48.984	6.002					2.937	4.442			12.177
	128.386	35.687	2.761					3.585	4.710			1.061

PPB	APP	PPDD	UJ	UM	UMPAT	AKTLL	ATLL	TATL	TA	UP
1.575						3.425	9.257	767.141	3.308.915	15,01
1.575						3.425	63.399	267.248	2.821.570	14,85
1.575						3.425	52.203	1.106.243	4.240.824	15,26
						5.000	63.237	1.474.719	5.137.213	15,45
						5.000	79.541	1.698.592	5.785.282	15,57
242			12.090					564.115	2.003.534	14,51
			12.966					581.717	1.898.414	14,46
251	4.333		14.516					630.887	1.881.640	14,45
2.500	4.333						14.224	596.963	1.899.927	14,46
34.368	4.333						24.146	670.946	1.938.178	14,48
3.011					161.450		52.850	5.012.394	8.295.642	15,93
95					93.409		48.423	4.885.854	8.042.797	15,90
							52.716	4.669.793	7.487.033	15,83
							50.454	4.818.419	7.363.144	15,81
							50.702	3.309.444	6.271.858	15,65
			1.635				14.151	39.924	534.770	13,19
		4.809	1.330				22.266	57.653	688.935	13,44
		7.087	809				18.657	55.163	708.069	13,47
		1.220	803				14.225	43.187	743.785	13,52
		8.297	723				13.962	52.529	855.507	13,66
			129.158		48.956		24.577	1.290.865	3.408.372	15,04
			133.636		44.235		153.172	1.616.350	3.889.291	15,17
			135.669		80.220		252.750	1.884.826	4.858.878	15,40
			123.573		29.653		156.017	2.453.677	5.427.426	15,51
			163.215		60.515		141.785	2.021.988	5.036.396	15,43
			209.406			20.114	175.619	1.929.955	5.734.019	15,56
			229.462			22.253	175.783	2.323.021	6.032.760	15,61
			201.009			23.394	212.107	2.599.276	6.618.102	15,71
			193.586			26.014	111.812	2.941.226	5.427.059	15,51
			184.833			22.960	75.392	2.335.696	4.808.545	15,39
				241.695	18.189	29.587		621.252	9.061.996	16,02
			34.969					519.530	805.345	13,60
	827		28.380					201.083	430.019	12,97
						18.675		93.217	267.494	12,50
						17.472		65.276	193.662	12,17

### LAMPIRAN 4 : PERHITUNGAN PERPUTARAN MODAL KERJA

NAMA PERUSAHAAN	TAHUN	PENJUALAN	K&SK	IJP	IM	PU	PL	PERSEDIAAN	BDM	PDM	ALL
Catur Sentosa Adiprana Tbk.	2014	6.997.923	51.121	11.241		1.076.297	63.113	1.242.867	32.987	9.027	55.121
Catur Sentosa Adiprana Tbk.	2015	7.117.833	63.048	8.696		948.139	93.376	1.351.860	34.595	15.088	39.520
Catur Sentosa Adiprana Tbk.	2016	7.764.889	71.924	6.655		1.143.787	116.658	1.636.601	56.692	44.641	57.623
Catur Sentosa Adiprana Tbk.	2017	9.342.144	90.495	2.772		1.423.777	156.186	1.769.543	66.643	82.548	70.530
Catur Sentosa Adiprana Tbk.	2018	10.485.450	66.648	3.404		1.357.502	253.689	2.130.161	96.064	59.463	119.759
Electronic City Indonesia Tbk.	2014	2.226.770	443.620		276.500	6.773	11.348	489.219	74.588	22.806	
Electronic City Indonesia Tbk.	2015	1.780.602	434.673		166.300	12.066	14.418	436.703	63.135	16.239	
Electronic City Indonesia Tbk.	2016	1.659.850	417.077		166.300	17.049	33.111	431.612	52.718	20.028	
Electronic City Indonesia Tbk.	2017	1.818.471	517.294		166.300	30.843	3.505	390.702	35.891	31.658	
Electronic City Indonesia Tbk.	2018	2.003.208	473.141	82.512	166.300	17.215	9.661	353.157	60.318	21.135	
Hero Supermarket Tbk.	2014	12.768.973	196.533			352.396	46.922	2.271.071	219.481	116.619	
Hero Supermarket Tbk.	2015	14.352.700	147.310			390.900	61.468	2.052.544	267.412	93.542	
Hero Supermarket Tbk.	2016	13.677.931	183.189			214.262	41.072	1.961.664	218.612	192.313	
Hero Supermarket Tbk.	2017	13.033.638	226.399			278.072	80.889	1.616.534	132.593	204.110	
Hero Supermarket Tbk.	2018	12.970.389	499.100			295.324	56.411	1.642.173	213.887	255.519	
Kokoh Inti Arebama Tbk.	2014	1.204.928	49.240			292.763	4.493	128.462			
Kokoh Inti Arebama Tbk.	2015	1.471.441	71.741			366.590	24.634	154.475		5.358	
Kokoh Inti Arebama Tbk.	2016	1.448.167	41.679			342.944	14.964	244.785		5.892	
Kokoh Inti Arebama Tbk.	2017	1.605.318	25.074			437.993	117	230.455		5.021	
Kokoh Inti Arebama Tbk.	2018	1.750.649	37.960			463.930	318	276.856		15.247	
Matahari Department Store Tbk.	2014	7.925.547	785.895			45.063	64.318	955.231	87.307	71.624	26.209
Matahari Department Store Tbk.	2015	9.006.893	946.658			39.312	36.714	1.007.811	99.912	53.899	23.779
Matahari Department Store Tbk.	2016	9.897.046	1.712.844			73.137	21.429	995.276	136.028		29.739
Matahari Department Store Tbk.	2017	10.023.961	1.582.817			134.276	17.673	1.005.484	129.865	46.661	52.393
Matahari Department Store Tbk.	2018	10.245.173	1.184.080			129.487	25.019	1.290.570	135.343	112.353	130.767
Matahari Putra Prima Tbk.	2014	13.590.405	747.710			31.331	251.933	2.655.023	73.466		44.601
Matahari Putra Prima Tbk.	2015	13.802.450	408.945			26.012	647.867	2.497.520	104.345		25.050
Matahari Putra Prima Tbk.	2016	13.527.323	248.697			46.533	883.880	2.747.344	25.050	42.033	25.289
Matahari Putra Prima Tbk.	2017	12.562.780	373.008			68.029	232.683	1.581.846	107.179	105.064	18.024
Matahari Putra Prima Tbk.	2018	10.692.363	349.463			19.046	260.337	1.628.799	90.079	111.783	13.342
Trikomsel Oke Tbk.	2014	10.778.295	612.436			2.055.588	973.241	1.950.097	60.672	111.931	
Trikomsel Oke Tbk.	2015	6.460.566	22.210			76.107	14.277	81.652	37.435	38.715	
Trikomsel Oke Tbk.	2016	1.718.579	20.026			23.695	12.137	134.872	22.210	6.246	
Trikomsel Oke Tbk.	2017	2.028.659	14.997			12.017	6.322	87.549	23.099	69	
Trikomsel Oke Tbk.	2018	1.671.866	11.330			12.813	1.278	65.511	13.012	9.266	



UM	Aset dimiliki untuk dijual	TAL	UBJP dan Pinjaman Lain	UU	ULL	UP	BA	LIKJP	LJPanjang -1 Th	UD	UBOWK
		2.541.774	678.961	1.463.300	48.347	4.801	31.838		23.073		
		2.554.322	783.213	1.437.072	51.275	3.379	32.683		37.588		
		3.134.581	702.965	1.635.060	47.014	14.600	39.954		53.017		
		3.662.494	1.019.006	1.888.798	78.302	59.371	50.608		63.703		
		4.086.690	1.077.993	1.999.841	73.297	27.582	55.857		68.134		
114.565		1.439.419		130.202		2.427	15.584		13.929		
173.163		1.316.697		43.471	17.531	3.498	12.061		11.695		
112.858		1.250.753		93.686	4.860	1.731	8.126		8.270		
126.771		1.302.964		122.520	5.144	1.521	7.493		1.238		
83.793		1.267.232		124.235	9.415	2.402	4.302		1.585		
74.098	6.128	3.283.248	339.688	1.589.926	545.717	16.809	295.186	53.130			
53.258	90.509	3.156.943	100.000	1.603.265	396.351	23.695	329.735	60.257			
	6.128	2.817.240		1.210.602	281.506	15.048	320.750	74.190			
	6.128	2.544.725		1.130.338	291.324	19.646	339.265	96.504			
		2.962.414		1.236.133	296.503	20.951	300.090	147.703			
19.888		494.846	18.660	357.015	260	1.244	32.501				
8.484		631.282		511.279	3.002	844	29.154				
2.642		652.906		527.646	4.146	770	30.122				
1.938		700.598		557.427	6.804	1.008	44.282				
8.667		802.978	15.000	676.697	18.912	759	23.135				
81.860		2.117.507		1.410.802	148.683	143.539	256.878	152.641	278.978		
64.856		2.272.941		1.551.619	152.124	110.357	331.180	206.349			
5.599		2.974.052		1.662.533	128.615	34.944	450.707	240.762			
4.580		2.973.749		1.644.581	115.646	67.099	510.341	234.787			
6.789		3.014.408		1.698.142	102.014	71.205	599.201	241.873			
		3.804.064		1.893.341		155.913	305.118	137.042			
		3.709.739	250.000	1.763.250		82.271	360.274	55.348			
		4.018.826	140.000	2.317.779		54.105	400.131	80.785			
		2.485.833	1.490.000	1.411.185		22.883	496.387	145.105			
		2.472.849	700.000	1.259.803		13.566	425.947	146.748			
2.676.779		8.440.744	2.752.488	299.768		81.099	34.333	2.366	61.653		
15.419		285.815	2.838.697	713.137	13763	39.621	10.932	615	103.660		14.667
9.750		228.936		618.241	38.484	36.098	11.725		169.689	3.329.824	
7.662	22.562	174.277		404.627	59.866	35.056	15.790		155.147		
15.176		128.386		605.999	96.647	1.185	16.544		108.936		

UMP	LKJPL	USP	PSDD	Provisi	LD	liabilitas berkaitan aset untuk dijual	TKL	PMK
		1.730					2.252.050	24,15
							2.345.210	34,04
							2.492.610	12,10
							3.159.788	18,58
							3.302.704	13,37
3.206			20.044				185.392	1,78
2.352			3.235				93.843	1,46
2.767			2.139				121.579	1,47
3.003			1.000				141.919	1,57
4.302			1.364				147.605	1,79
			28.642	1.195	1.840		2.872.133	31,06
			30.969	15.790	1.076	47.084	2.608.222	26,16
			28.022	40.823			1.970.941	16,16
			29.979	94.405			2.001.461	23,99
			35.280	130.499			2.167.159	16,31
							409.680	14,15
							544.279	16,91
							562.684	16,05
							609.521	17,63
							734.503	25,57
			127.000				2.518.521	-19,76
			87.385				2.439.014	-54,23
			70.793				2.588.354	25,66
			38.370				2.610.824	27,62
			27.376				2.739.811	37,31
	179.266		81.640				2.752.320	12,92
	210.233		93.333				2.814.709	15,42
	249.538		91.542				3.333.880	19,75
	173.455		137.179				3.876.194	-9,04
	247.681		93.771				2.887.516	-25,79
21.567	9.582						3.262.856	2,08
							3.735.092	-1,87
							4.204.061	-0,43
							670.486	-4,09
							829.311	-2,39

**LAMPIRAN 5 : PERHITUNGAN *EARNING PER SHARE***

<b>NAMA PERUSAHAAN</b>	<b>TAHUN</b>	<b>LABA (RUGI) BERSIH</b>	<b>RATA-RATA TERTIMBANG JUMLAH SAHAM BEREDAR</b>	<b>EPS</b>
Catur Sentosa Adiprana Tbk.	2014	104.616	2.895	36,14
Catur Sentosa Adiprana Tbk.	2015	406.183	2.895	140,31
Catur Sentosa Adiprana Tbk.	2016	72.313	4.053	17,84
Catur Sentosa Adiprana Tbk.	2017	77.871	4.053	19,21
Catur Sentosa Adiprana Tbk.	2018	77.826	4.221	18,44
Electronic City Indonesia Tbk.	2014	129.470	1.334	97,05
Electronic City Indonesia Tbk.	2015	33.048	1.321	25,02
Electronic City Indonesia Tbk.	2016	-32.268	1.291	-24,99
Electronic City Indonesia Tbk.	2017	-9.779	1.291	-7,57
Electronic City Indonesia Tbk.	2018	21.830	1.291	16,91
Hero Supermarket Tbk.	2014	43.775	4.183	10,46
Hero Supermarket Tbk.	2015	-144.078	4.183	-34,44
Hero Supermarket Tbk.	2016	120.558	4.183	28,82
Hero Supermarket Tbk.	2017	-191.406	4.183	-45,76
Hero Supermarket Tbk.	2018	-1.250.189	4.183	-298,87
Kokoh Inti Arebama Tbk.	2014	26.699	980	27,24
Kokoh Inti Arebama Tbk.	2015	14.408	980	14,70
Kokoh Inti Arebama Tbk.	2016	-7	980	-0,01
Kokoh Inti Arebama Tbk.	2017	-14.598	981	-14,88
Kokoh Inti Arebama Tbk.	2018	-9.993	981	-10,19
Matahari Department Store Tbk.	2014	1.419.118	2.917	486,50
Matahari Department Store Tbk.	2015	1.780.848	2.917	610,51
Matahari Department Store Tbk.	2016	2.019.705	2.917	692,39
Matahari Department Store Tbk.	2017	1.907.077	2.917	653,78
Matahari Department Store Tbk.	2018	1.097.332	2.917	376,19
Matahari Putra Prima Tbk.	2014	554.017	5.378	103,02
Matahari Putra Prima Tbk.	2015	182.999	5.378	34,03
Matahari Putra Prima Tbk.	2016	34.843	5.378	6,48
Matahari Putra Prima Tbk.	2017	-1.243.414	5.378	-231,20
Matahari Putra Prima Tbk.	2018	-898.274	6.274	-143,17
Trikonsel Oke Tbk.	2014	314.409	4.761	66,04
Trikonsel Oke Tbk.	2015	-8.652.946	4.761	1,00
Trikonsel Oke Tbk.	2016	-492.746	4.761	-103,50
Trikonsel Oke Tbk.	2017	-188.424	10.146	-18,57
Trikonsel Oke Tbk.	2018	-14.883	26.007	-0,57

**LAMPIRAN 6 : TREN LIKUIDITAS**

TAHUN	Catur Sentosa Adiprana Tbk.	TREN	Electronic City Indonesia Tbk.	TREN	Hero Supermarket Tbk.	TREN	Kokoh Inti Arebama Tbk.	TREN	Matahari Department Store Tbk.	TREN	Matahari Putra Prima Tbk.	TREN	Trikomsel Oke Tbk.	TREN	RATA-RATA CR	RATA-RATA TREN
2014	113		776		114		121		84		138		259		229	
2015	109	-4	1403	627	121	7	116	-5	93	9	132	-6	8	-251	283	54
2016	126	17	1029	-374	143	22	116	0	115	22	121	-11	5	-3	236	-47
2017	116	-10	918	-111	127	-16	115	-1	114	-1	64	-57	26	21	211	-25
2018	124	8	859	-59	137	10	109	-6	110	-4	86	22	15	-11	206	-6
RATA-RATA	118	3	997	21	128	6	115	-3	103	7	108	-13	63	-61	233	-6



**LAMPIRAN 7 : TREN PERTUMBUHAN PENJUALAN**

TAHUN	Catur Sentosa Adiprana Tbk.	TREN	Electronic City Indonesia Tbk.	TREN	Hero Supermarket Tbk.	TREN	Kokoh Inti Arebama Tbk.	TREN	Matahari Department Store Tbk.	TREN	Matahari Putra Prima Tbk.	TREN	Trikomsel Oke Tbk.	TREN	RATA-RATA PP	RATA-RATA TREN
2014	11		11		7		8		17		14		4		10	
2015	2	-9	-20	-31	12	5	22	14	14	-3	2	-12	-40	-44	-1	-11
2016	9	7	-7	13	-5	-17	-2	-24	10	-4	-2	-4	-73	-33	-10	-9
2017	20	11	10	17	-5	0	11	13	1	-9	-7	-5	18	91	7	17
2018	12	-8	10	0	0	5	9	-2	2	1	-15	-8	-18	-36	0	-7
RATA-RATA	11	0	1	0	2	-2	10	0	9	-4	-2	-7	-22	-6	1	-3

**LAMPIRAN 8 : TREN UKURAN PERUSAHAAN**

TAHUN	Catur Sentosa Adiprana Tbk.	TREN	Electronic City Indonesia Tbk.	TREN	Hero Supermarket Tbk.	TREN	Kokoh Inti Arebama Tbk.	TREN	Matahari Department Store Tbk.	TREN	Matahari Putra Prima Tbk.	TREN	Trikomsel Oke Tbk.	TREN	RATA-RATA UP	RATA-RATA TREN
2014	15		15		16		13		15		16		16		15	
2015	15	0	14	-1	16	0	13	0	15	0	16	0	14	-2	15	0
2016	15	0	14	0	16	0	13	0	15	0	16	0	13	-1	15	0
2017	15	0	14	0	16	0	14	1	16	1	16	0	12	-1	15	0
2018	16	1	14	0	16	0	14	0	15	-1	15	-1	12	0	15	0
RATA-RATA	15	0	14	0	16	0	13	0	15	0	16	0	13	-1	15	0

**LAMPIRAN 9 : TREN PERPUTARAN MODAL KERJA**



TAHUN	Catur Sentosa Adiprana Tbk.	TREN	Electronic City Indonesia Tbk.	TREN	Hero Supermarket Tbk.	TREN	Kokoh Inti Arebama Tbk.	TREN	Matahari Department Store Tbk.	TREN	Matahari Putra Prima Tbk.	TREN	Trikomsel Oke Tbk.	TREN	RATA-RATA PMK	RATA-RATA TREN
2014	24		2		31		14		-20		13		2		9	
2015	34	10	1	-1	26	-5	17	3	-54	-34	15	2	-2	-4	5	-4
2016	12	-22	1	0	16	-10	16	-1	26	80	20	5	0	2	13	8
2017	19	7	2	1	24	8	18	2	28	2	-9	-29	-4	-4	11	-2
2018	13	-6	2	0	16	-8	26	8	37	9	-26	-17	-2	2	9	-2
RATA-RATA	20	-3	2	0	23	-4	18	3	3	14	3	-10	-1	-1	10	0

#### LAMPIRAN 10 : TREN *EARNING PER SHARE*

TAHUN	Catur Sentosa Adiprana Tbk.	TREN	Electronic City Indonesia Tbk.	TREN	Hero Supermarket Tbk.	TREN	Kokoh Inti Arebama Tbk.	TREN	Matahari Department Store Tbk.	TREN	Matahari Putra Prima Tbk.	TREN	Trikomsel Oke Tbk.	TREN	RATA-RATA EPS	RATA-RATA TREN
2014	36		97		10		27		486		103		66		118	
2015	140	104	25	-72	-34	-44	15	-12	611	125	34	-69	-1	-67	113	-5
2016	18	-122	-25	-50	29	63	0	-15	692	81	6	-28	-103	-102	88	-25
2017	19	1	-8	17	-46	-75	-15	-15	654	-38	-231	-237	-19	84	51	-38
2018	18	-1	17	25	-299	-253	-10	5	376	-278	-143	88	-1	18	-6	-57
RATA-RATA	46	-5	21	-20	-68	-77	3	-9	564	-28	-46	-62	-12	-17	73	-31

**LAMPIRAN 11 : TREN KEWAJIBAN LANCAR**

TAHUN	Catur Sentosa Adiprana Tbk.	TREN	Electronic City Indonesia Tbk.	TREN	Hero Supermarket Tbk.	TREN	Kokoh Inti Arebama Tbk.	TREN	Matahari Department Store Tbk.	TREN	Matahari Putra Prima Tbk.	TREN	Trikomsel Oke Tbk.	TREN	RATA-RATA KEWAJIBAN LANCAR	RATA-RATA TREN
2014	2.252.050		185.392		2.872.133		409.680		2.518.521		2.752.320		3.262.856		2.036.136	
2015	2.345.210	93.160	93.843	-91.549	2.608.222	-263.911	544.279	134.599	2.439.014	-79.507	2.814.709	62.389	3.735.092	472.236	2.082.910	46.774
2016	2.492.610	147.400	121.579	27.736	1.970.941	-637.281	562.684	18.405	2.588.354	149.340	3.333.880	519.171	4.204.061	468.969	2.182.016	99.106
2017	3.159.788	667.178	141.919	20.340	2.001.461	30.520	609.521	46.837	2.610.824	22.470	3.876.194	542.314	670.486	-3.533.575	1.867.170	-314.845
2018	3.302.704	142.916	147.605	5.686	2.167.159	165.698	734.503	124.982	2.739.811	128.987	2.887.516	-988.678	829.311	158.825	1.829.801	-37.369
RATA-RATA	2.710.472	262.664	138.068	-9.447	2.323.983	-176.244	572.133	81.206	2.579.305	55.323	3.132.924	33.799	2.540.361	-608.386	1.999.607	-51.584
<b>PERSENTASE</b>																-1

**LAMPIRAN 12 : TREN PENJUALAN**

TAHUN	Catur Sentosa Adiprana Tbk.	TREN	Electronic City Indonesia Tbk.	TREN	Hero Supermarket Tbk.	TREN	Kokoh Inti Arebama Tbk.	TREN	Matahari Department Store Tbk.	TREN	Matahari Putra Prima Tbk.	TREN	Trikomsel Oke Tbk.	TREN	RATA-RATA PENJUALAN	RATA-RATA TREN
2014	6.997.923		2.226.770		12.768.973		1.204.928		7.925.547		13.590.405		10.778.295		7.927.549	
2015	7.117.833	119.910	1.780.602	-446.168	14.352.700	1.583.727	1.471.441	266.513	9.006.893	1.081.346	13.802.450	212.045	6.460.566	-4.317.729	7.713.212	-214.337
2016	7.764.889	647.056	1.659.850	-120.752	13.677.931	-674.769	1.448.167	-23.274	9.897.046	890.153	13.527.323	-275.127	1.718.579	-4.741.987	7.099.112	-614.100
2017	9.342.144	1.577.255	1.818.471	158.621	13.033.638	-644.293	1.605.318	157.151	10.023.961	126.915	12.562.780	-964.543	2.028.659	310.080	7.202.139	103.027
2018	10.485.450	1.143.306	2.003.208	184.737	12.970.389	-63.249	1.750.649	145.331	10.245.173	221.212	10.692.363	-1.870.417	1.671.866	-356.793	7.117.014	-85.125
RATA-RATA	8.341.648	871.882	1.897.780	-55.891	13.360.726	50.354	1.496.101	136.430	9.419.724	579.907	12.835.064	-724.511	4.531.593	-2.276.607	7.411.805	-202.634
<b>PERSENTASE</b>																-2

## LAMPIRAN 13 : TREN TOTAL ASET

TAHUN	Catur Sentosa Adiprana Tbk.	TREN	Electronic City Indonesia Tbk.	TREN	Hero Supermarket Tbk.	TREN	Kokoh Inti Arebama Tbk.	TREN	Matahari Department Store Tbk.	TREN	Matahari Putra Prima Tbk.	TREN	Trikomsel Oke Tbk.	TREN	RATA-RATA TOTAL ASET	RATA-RATA TREN
2014	3.308.915		2.003.534		8.295.642		534.770		3.408.372		5.734.019		9.061.996		4.621.035	
2015	2.821.570	-487.345	1.898.414	-105.120	8.042.797	-252.845	688.935	154.165	3.889.291	480.919	6.032.760	298.741	805.345	-8.256.651	3.454.159	-1.166.877
2016	4.240.824	1.419.254	1.881.640	-16.774	7.487.033	-555.764	708.069	19.134	4.858.878	969.587	6.618.102	585.342	430.019	-375.326	3.746.366	292.208
2017	5.137.213	896.389	1.899.927	18.287	7.363.144	-123.889	743.785	35.716	5.427.426	568.548	5.427.059	-1.191.043	267.494	-162.525	3.752.293	5.926
2018	5.785.282	648.069	1.938.178	38.251	6.271.858	-1.091.286	855.507	111.722	5.036.396	-391.030	4.808.545	-618.514	193.662	-73.832	3.555.633	-196.660
RATA-RATA	4.258.761	619.092	1.924.339	-16.339	7.492.095	-505.946	706.213	80.184	4.524.073	407.006	5.724.097	-231.369	2.151.703	-2.217.084	3.825.897	-266.351
<b>PERSENTASE</b>																-3



## LAMPIRAN 14 : PERHITUNGAN SPSS

### Deskriptif Statistik

	N	Mean	Std. Deviation
Likuiditas	35	233.20	330.345
Pertumbuhan Penjualan	35	1.20	18.091
Ukuran Perusahaan	35	14.74	1.221
Perputaran Modal Kerja	35	9.66	18.268
Earning Per Share	35	72.69	223.693
Valid N (listwise)	35		

### Coefficients<sup>a</sup>

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Correlations		
	B	Std. Error	Beta			Zero-order	Partial	Part
(Constant)	32.698	187.845		2.295	.000			
Likuiditas	.648	.034	.957	18.879	.000	.937	.956	.570
Pertumbuhan Penjualan	8.467	1.569	.685	5.398	.025	.568	.685	.058
Ukuran Perusahaan	8.279	1.433	.678	5.304	.004	.543	.678	.036
Perputaran Modal Kerja	9.366	1.373	.765	6.821	.000	.875	.765	.083

a. Dependent Variable: Earning Per Share

### Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	df1	df2	Sig. F Change
1	.990 <sup>a</sup>	.980	.977	34.022	.980	359.947	4	30	.000

a. Predictors: (Constant), Perputaran Modal Kerja, Likuiditas, Ukuran Perusahaan, Pertumbuhan Penjualan

ANOVA<sup>a</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1666583.888	4	416645.972	359.947	.000 <sup>b</sup>
	Residual	34725.655	30	1157.522		
	Total	1701309.543	34			

a. Dependent Variable: Earning Per Share

b. Predictors: (Constant), Perputaran Modal Kerja, Likuiditas, Ukuran Perusahaan, Pertumbuhan Penjualan





## LAMPIRAN 15 : TABEL T

## Titik Persentase Distribusi t (df = 1 - 40)

df	Pr	0.25	0.10	0.05	0.025	0.01	0.005	0.001
		0.50	0.20	0.10	0.050	0.02	0.010	0.002
1		1.00000	3.07768	6.31375	12.70620	31.82052	63.65674	318.30884
2		0.81650	1.88562	2.91999	4.30265	6.96456	9.92484	22.32712
3		0.76489	1.63774	2.35336	3.18245	4.54070	5.84091	10.21453
4		0.74070	1.53321	2.13185	2.77645	3.74695	4.60409	7.17318
5		0.72669	1.47588	2.01505	2.57058	3.36493	4.03214	5.89343
6		0.71756	1.43976	1.94318	2.44691	3.14267	3.70743	5.20763
7		0.71114	1.41492	1.89458	2.36462	2.99795	3.49948	4.78529
8		0.70639	1.39682	1.85955	2.30600	2.89646	3.35539	4.50079
9		0.70272	1.38303	1.83311	2.26216	2.82144	3.24984	4.29681
10		0.69981	1.37218	1.81246	2.22814	2.76377	3.16927	4.14370
11		0.69745	1.36343	1.79588	2.20099	2.71808	3.10581	4.02470
12		0.69548	1.35622	1.78229	2.17881	2.68100	3.05454	3.92963
13		0.69383	1.35017	1.77093	2.16037	2.65031	3.01228	3.85198
14		0.69242	1.34503	1.76131	2.14479	2.62449	2.97684	3.78739
15		0.69120	1.34061	1.75305	2.13145	2.60248	2.94671	3.73283
16		0.69013	1.33676	1.74588	2.11991	2.58349	2.92078	3.68615
17		0.68920	1.33338	1.73961	2.10982	2.56693	2.89823	3.64577
18		0.68836	1.33039	1.73406	2.10092	2.55238	2.87844	3.61048
19		0.68762	1.32773	1.72913	2.09302	2.53948	2.86093	3.57940
20		0.68695	1.32534	1.72472	2.08596	2.52798	2.84534	3.55181
21		0.68635	1.32319	1.72074	2.07961	2.51765	2.83136	3.52715
22		0.68581	1.32124	1.71714	2.07387	2.50832	2.81876	3.50499
23		0.68531	1.31946	1.71387	2.06866	2.49987	2.80734	3.48496
24		0.68485	1.31784	1.71088	2.06390	2.49216	2.79694	3.46678
25		0.68443	1.31635	1.70814	2.05954	2.48511	2.78744	3.45019
26		0.68404	1.31497	1.70562	2.05553	2.47863	2.77871	3.43500
27		0.68368	1.31370	1.70329	2.05183	2.47266	2.77068	3.42103
28		0.68335	1.31253	1.70113	2.04841	2.46714	2.76326	3.40816
29		0.68304	1.31143	1.69913	2.04523	2.46202	2.75639	3.39624
30		0.68276	1.31042	1.69726	2.04227	2.45726	2.75000	3.38518
31		0.68249	1.30946	1.69552	2.03951	2.45282	2.74404	3.37490
32		0.68223	1.30857	1.69389	2.03693	2.44868	2.73848	3.36531
33		0.68200	1.30774	1.69236	2.03452	2.44479	2.73328	3.35634
34		0.68177	1.30695	1.69092	2.03224	2.44115	2.72839	3.34793
35		0.68156	1.30621	1.68957	2.03011	2.43772	2.72381	3.34005
36		0.68137	1.30551	1.68830	2.02809	2.43449	2.71948	3.33262
37		0.68118	1.30485	1.68709	2.02619	2.43145	2.71541	3.32563
38		0.68100	1.30423	1.68595	2.02439	2.42857	2.71156	3.31903
39		0.68083	1.30364	1.68488	2.02269	2.42584	2.70791	3.31279
40		0.68067	1.30308	1.68385	2.02108	2.42326	2.70446	3.30688

## LAMPIRAN 16 : TABEL F

Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	161	199	216	225	230	234	237	239	241	242	243	244	245	245	246
2	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38	19.40	19.40	19.41	19.42	19.42	19.43
3	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81	8.79	8.76	8.74	8.73	8.71	8.70
4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6.00	5.96	5.94	5.91	5.89	5.87	5.86
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.74	4.70	4.68	4.66	4.64	4.62
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10	4.06	4.03	4.00	3.98	3.96	3.94
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.64	3.60	3.57	3.55	3.53	3.51
8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39	3.35	3.31	3.28	3.26	3.24	3.22
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18	3.14	3.10	3.07	3.05	3.03	3.01
10	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02	2.98	2.94	2.91	2.89	2.86	2.85
11	4.84	3.98	3.59	3.36	3.20	3.09	3.01	2.95	2.90	2.85	2.82	2.79	2.76	2.74	2.72
12	4.75	3.89	3.49	3.26	3.11	3.00	2.91	2.85	2.80	2.75	2.72	2.69	2.66	2.64	2.62
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71	2.67	2.63	2.60	2.58	2.55	2.53
14	4.60	3.74	3.34	3.11	2.96	2.85	2.76	2.70	2.65	2.60	2.57	2.53	2.51	2.48	2.46
15	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59	2.54	2.51	2.48	2.45	2.42	2.40
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49	2.46	2.42	2.40	2.37	2.35
17	4.45	3.59	3.20	2.96	2.81	2.70	2.61	2.55	2.49	2.45	2.41	2.38	2.35	2.33	2.31
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46	2.41	2.37	2.34	2.31	2.29	2.27
19	4.38	3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42	2.38	2.34	2.31	2.28	2.26	2.23
20	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.45	2.39	2.35	2.31	2.28	2.25	2.22	2.20
21	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37	2.32	2.28	2.25	2.22	2.20	2.18
22	4.30	3.44	3.05	2.82	2.66	2.55	2.46	2.40	2.34	2.30	2.26	2.23	2.20	2.17	2.15
23	4.28	3.42	3.03	2.80	2.64	2.53	2.44	2.37	2.32	2.27	2.24	2.20	2.18	2.15	2.13
24	4.26	3.40	3.01	2.78	2.62	2.51	2.42	2.36	2.30	2.25	2.22	2.18	2.15	2.13	2.11
25	4.24	3.39	2.99	2.76	2.60	2.49	2.40	2.34	2.28	2.24	2.20	2.16	2.14	2.11	2.09
26	4.23	3.37	2.98	2.74	2.59	2.47	2.39	2.32	2.27	2.22	2.18	2.15	2.12	2.09	2.07
27	4.21	3.35	2.96	2.73	2.57	2.46	2.37	2.31	2.25	2.20	2.17	2.13	2.10	2.08	2.06
28	4.20	3.34	2.95	2.71	2.56	2.45	2.36	2.29	2.24	2.19	2.15	2.12	2.09	2.06	2.04
29	4.18	3.33	2.93	2.70	2.55	2.43	2.35	2.28	2.22	2.18	2.14	2.10	2.08	2.05	2.03
30	4.17	3.32	2.92	2.69	2.53	2.42	2.33	2.27	2.21	2.16	2.13	2.09	2.06	2.04	2.01
31	4.16	3.30	2.91	2.68	2.52	2.41	2.32	2.25	2.20	2.15	2.11	2.08	2.05	2.03	2.00
32	4.15	3.29	2.90	2.67	2.51	2.40	2.31	2.24	2.19	2.14	2.10	2.07	2.04	2.01	1.99
33	4.14	3.28	2.89	2.66	2.50	2.39	2.30	2.23	2.18	2.13	2.09	2.06	2.03	2.00	1.98
34	4.13	3.28	2.88	2.65	2.49	2.38	2.29	2.23	2.17	2.12	2.08	2.05	2.02	1.99	1.97
35	4.12	3.27	2.87	2.64	2.49	2.37	2.29	2.22	2.16	2.11	2.07	2.04	2.01	1.99	1.96
36	4.11	3.26	2.87	2.63	2.48	2.36	2.28	2.21	2.15	2.11	2.07	2.03	2.00	1.98	1.95
37	4.11	3.25	2.86	2.63	2.47	2.36	2.27	2.20	2.14	2.10	2.06	2.02	2.00	1.97	1.95
38	4.10	3.24	2.85	2.62	2.46	2.35	2.26	2.19	2.14	2.09	2.05	2.02	1.99	1.96	1.94
39	4.09	3.24	2.85	2.61	2.46	2.34	2.26	2.19	2.13	2.08	2.04	2.01	1.98	1.95	1.93
40	4.08	3.23	2.84	2.61	2.45	2.34	2.25	2.18	2.12	2.08	2.04	2.00	1.97	1.95	1.92
41	4.08	3.23	2.83	2.60	2.44	2.33	2.24	2.17	2.12	2.07	2.03	2.00	1.97	1.94	1.92
42	4.07	3.22	2.83	2.59	2.44	2.32	2.24	2.17	2.11	2.06	2.03	1.99	1.96	1.94	1.91
43	4.07	3.21	2.82	2.59	2.43	2.32	2.23	2.16	2.11	2.06	2.02	1.99	1.96	1.93	1.91
44	4.06	3.21	2.82	2.58	2.43	2.31	2.23	2.16	2.10	2.05	2.01	1.98	1.95	1.92	1.90
45	4.06	3.20	2.81	2.58	2.42	2.31	2.22	2.15	2.10	2.05	2.01	1.97	1.94	1.92	1.89