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LAMPIRAN

LAMPIRAN 1 BIODATA**BIODATA****Identitas Diri**

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Alamat Rumah : Jl. Pasar Ikan, Kec. Lau, Kab. Maros
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Riwayat Pendidikan**Pendidikan Formal**

- Tahun 2005-2011 : SDN 22 Soreang
- Tahun 2011-2014 : SMPN 2 Pangkajene
- Tahun 2014-2017 : SMAN 11 Pangkajene

Pendidikan Nonformal

- Tahun 2017 : Pelatihan Basic Learning Skills, Character & Creativity (BALANCE) Universitas Hasanuddin
- Tahun 2018 : Bina Kader Mahasiswa Akuntansi (BKMA) Ikatan Mahasiswa Akuntansi Universitas Hasanuddin

Demikian biodata ini dibuat dengan sebenarnya.

Makassar, 17 Agustus 2021

Taufik Rahman

LAMPIRAN 2 PETA TEORI

No	Judul	Nama Peneliti	Variabel	Hasil Penelitian
1.	<i>Financial Ratios, Discriminant Analysis and the Prediction of Corporate Bankruptcy (The Journal of Finance)</i>	Altman, E. I (1968)	Penelitian ini menggunakan lima variabel independen yaitu <i>working capital/total assets</i> (X1), <i>retained earnings/total assets</i> (X2), <i>earnings before interest and taxes/total assets</i> (X3), <i>market value equity/book value of total debt</i> (X4), <i>sales/total assets</i> (X5), dan satu variabel dependen yaitu <i>overall index</i> atau Z-Score (Y).	Hasil penelitian ini yaitu Altman (1968) menyimpulkan fungsi diskriminan dari Z-Score ialah $Z = 0,012 X_1 + 0,014 X_2 + 0,033 X_3 + 0,006 X_4 + 0,999 X_5$, dan menghasilkan tingkat akurasi prediksi dan klasifikasi untuk perusahaan yang berpotensi mengalami kebangkrutan sebesar 94% dan perusahaan yang berpotensi tidak mengalami kebangkrutan sebesar 97%
2.	<i>"Can Altman Z-score Models Predict Business Failures In Greece?" (Research Journal Of International Studies)</i>	Nikolaos Gerantonis, Konstantinos Vergos, dan Apostolos G. Christopoulos (2009)	Penelitian ini menggunakan lima variabel independen yaitu <i>working capital/total assets</i> (X1), <i>retained earnings/total assets</i> (X2), <i>earnings before interest and taxes/total assets</i> (X3), <i>market value equity/book value of total debt</i> (X4), <i>sales/total assets</i> (X5), dan satu variabel dependen yaitu <i>overall index</i> atau Z-Score (Y).	Hasil penelitian ini menunjukkan di mana akurasi prediksi Z-Score dari perusahaan yang mengalami kebangkrutan satu, dua, tiga, dan empat tahun sebelum terjadinya kebangkrutan masing-masing sebesar 66%, 52%, 39%, dan 20%.

3.	<p><i>Financial Distress Prediction: A Comparative Study of Solvency Test and Z-Score Models with Reference to Sri Lanka (The IUP Journal of Financial Risk Management)</i></p>	Gunathilaka, C. (2014)	<p>Penelitian ini menggunakan lima variabel independen yaitu <i>working capital/total assets</i> (X1), <i>retained earnings/total assets</i> (X2), <i>earnings before interest and taxes/total assets</i> (X3), <i>market value equity/book value of total debt</i> (X4), <i>sales/total assets</i> (X5), dan satu variabel dependen yaitu <i>overall index</i> atau Z-Score (Y).</p>	<p>bahwa model Altman Z-Score dan Z"-Score memiliki akurasi dalam memprediksi kebangkrutan yang lebih tinggi dibandingkan Springate model dan solvency test. Metode tersebut memiliki potensi untuk meminimalkan kesalahan klasifikasi perusahaan dalam keadaan sehat padahal tidak sehat.</p>
4.	<p>Pengaruh Rasio Keuangan terhadap Prediksi Kebangkrutan (Altman Z-Score) Industri Makanan dan Minuman yang Terdaftar di Bursa Efek Indonesia Tahun 2009-2011. (Jurnal Visionida)</p>	Asia, V. E. dan Ch, I. (2015)	<p>Penelitian ini menggunakan lima variabel independen yaitu <i>working capital/total assets</i> (X1), <i>retained earnings/total assets</i> (X2), <i>earnings before interest and taxes/total assets</i> (X3), <i>market value equity/book value of total debt</i> (X4), <i>sales/total assets</i> (X5), dan satu variabel dependen yaitu <i>overall index</i> atau Z-Score (Y).</p>	<p>Hasil penelitian ini menunjukkan bahwa Z-Score tidak relevan diterapkan dalam memprediksi kebangkrutan perusahaan. Selain itu, Asia dan Ch (2015) menyimpulkan bahwa variabel X1, X2, X3, X4, dan X5 secara simultan berpengaruh signifikan terhadap kebangkrutan sedangkan secara parsial hanya variabel X4 yang tidak berpengaruh signifikan terhadap prediksi kebangkrutan.</p>

5.	<i>Assessing the Validity of the Altman's Z-score Models as Predictors of Financial Distress in Companies Listed on the Nairobi Securities Exchange, Kenya (A Case Study). (International Journal of Multidisciplinary and Current Research)</i>	Muchori (2017)	<p>Penelitian ini menggunakan lima variabel independen yaitu <i>working capital/total assets</i> (X1), <i>retained earnings/total assets</i> (X2), <i>earnings before interest and taxes/total assets</i> (X3), <i>market value equity/book value of total debt</i> (X4), <i>sales/total assets</i> (X5), dan satu variabel dependen yaitu <i>overall index</i> atau Z-Score (Y).</p>	<p>Penelitian ini menghasilkan nilai Z-Score dari Mumias Sugar Company sebesar 3,61, 2,29, dan 1,81 di tahun 2010, 2011, dan 2012 secara berurutan sedangkan Kenya Airways sebesar 1,13, 1,63, dan 0,82 untuk periode yang sama. Tingkat akurasi prediksi kebangkrutan satu tahun sebelum terjadinya kebangkrutan di tahun 2013 sebesar 100% untuk kedua perusahaan tersebut.</p>
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LAMPIRAN 3 DATA KEUANGAN PERUSAHAAN

AKASHA WIRA INTERNATIONAL TBK (ADES)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	294.244.000.000	244.888.000.000	49.356.000.000
2018	364.138.000.000	262.397.000.000	101.741.000.000
2019	351.120.000.000	175.191.000.000	175.929.000.000
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	49.356.000.000	840.236.000.000	5,87
2018	101.741.000.000	881.275.000.000	11,54
2019	175.929.000.000	822.375.000.000	21,39
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017	213.952.000.000	(388.537.000.000)	(174.585.000.000)
2018	213.952.000.000	(335.579.000.000)	(121.627.000.000)
2019	213.952.000.000	(251.694.000.000)	(37.742.000.000)
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	(174.585.000.000)	840.236.000.000	-20,78
2018	(121.627.000.000)	881.275.000.000	-13,80
2019	(37.742.000.000)	822.375.000.000	-4,59
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	51.095.000.000	304.000.000	23.247.000.000
2018	70.060.000.000	1.895.000.000	22.957.000.000
2019	110.179.000.000	4.939.000.000	15.478.000.000
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	74.038.000.000	840.236.000.000	8,81
2018	91.122.000.000	881.275.000.000	10,34
2019	120.718.000.000	822.375.000.000	14,68
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	589.897.000.000	5.068.000.000	594.965.000.000
2018	589.897.000.000	5.068.000.000	594.965.000.000
2019	589.897.000.000	5.068.000.000	594.965.000.000
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	594.965.000.000	417.225.000.000	142,60
2018	594.965.000.000	399.361.000.000	148,98
2019	594.965.000.000	254.438.000.000	233,83
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	814.490.000.000	840.236.000.000	96,94
2018	804.302.000.000	881.275.000.000	91,27
2019	834.330.000.000	822.375.000.000	101,45

TIGA PILAR SEJAHTERA FOOD TBK (AISA)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	881.092.000.000	4.154.427.000.000	(3.273.335.000.000)
2018	788.973.000.000	5.177.830.000.000	(4.388.857.000.000)
2019	474.261.000.000	1.152.923.000.000	(678.662.000.000)
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	(3.273.335.000.000)	1.981.940.000.000	-165,16
2018	(4.388.857.000.000)	1.816.406.000.000	-241,62
2019	(678.662.000.000)	1.868.966.000.000	-36,31%
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017	129.318.000.000	(5.614.742.000.000)	(5.485.424.000.000)
2018	129.318.000.000	(5.717.710.000.000)	(5.588.392.000.000)
2019	129.318.000.000	(4.585.859.000.000)	(4.456.541.000.000)
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	(5.485.424.000.000)	1.981.940.000.000	-276,77
2018	(5.588.392.000.000)	1.816.406.000.000	-307,66
2019	(4.456.541.000.000)	1.868.966.000.000	-238,45
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	(5.210.334.000.000)		110.559.000.000
2018	(85.573.000.000)		76.328.000.000
2019	1.364.465.000.000		122.398.000.000
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	(5.099.775.000.000)	1.981.940.000.000	-257,31
2018	(9.245.000.000)	1.816.406.000.000	-0,51
2019	1.486.863.000.000	1.868.966.000.000	79,56
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	684.220.000.000	1.455.091.000.000	2.139.311.000.000
2018	684.220.000.000	1.455.091.000.000	2.139.311.000.000
2019	684.220.000.000	1.455.091.000.000	2.139.311.000.000
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	2.139.311.000.000	5.329.841.000.000	40,14
2018	2.139.311.000.000	5.267.348.000.000	40,61
2019	2.139.311.000.000	3.526.819.000.000	60,66
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	1.950.589.000.000	1.981.940.000.000	98,42
2018	1.583.265.000.000	1.816.406.000.000	87,16
2019	1.510.427.000.000	1.868.966.000.000	80,82

TRI BANYAN TIRTA TBK (ALTO)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	192.943.940.639	179.485.187.884	13.458.752.755
2018	188.531.394.038	246.962.435.572	(58.431.041.534)
2019	176.818.868.579	200.070.083.238	(23.251.214.659)
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	13.458.752.755	1.109.383.971.111	1,21
2018	(58.431.041.534)	1.109.843.522.344	-5,26
2019	(23.251.214.659)	1.103.450.087.164	-2,11
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017	1.000.000.000	(109.699.624.008)	(108.699.624.008)
2018	1.000.000.000	(141.710.959.909)	(140.710.959.909)
2019	1.000.000.000	(148.755.029.525)	(147.755.029.525)
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	(108.699.624.008)	1.109.383.971.111	-9,80
2018	(140.710.959.909)	1.109.843.522.344	-12,68
2019	(147.755.029.525)	1.103.450.087.164	-13,39
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	(69.728.704.187)	21.868.524	36.208.246.527
2018	(45.675.193.213)	25.810.662	18.767.131.696
2019	(11.089.562.244)	24.280.052	5.534.119.082
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	(33.542.326.184)	1.109.383.971.111	-3,02
2018	(26.933.872.179)	1.109.843.522.344	-2,43
2019	(5.579.723.214)	1.103.450.087.164	-0,51
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	219.187.055.800	306.963.031.468	526.150.087.268
2018	219.187.055.800	306.963.031.468	526.150.087.268
2019	219.187.055.800	306.963.031.468	526.150.087.268
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	526.150.087.268	690.099.182.411	76,24
2018	526.150.087.268	722.716.844.799	72,80
2019	526.150.087.268	722.719.563.550	72,80
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	262.143.990.839	1.109.383.971.111	23,63
2018	290.274.839.317	1.109.843.522.344	26,15
2019	343.971.642.312	1.103.450.087.164	31,17

BUMI TEKNOKULTURAL UNGGUL TBK (BTEK)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	<i>Current Assets (Rp)</i>	<i>Current Liabilities (Rp)</i>	<i>Working Capital (Rp)</i>
2017	1.105.184.126.789	1.096.688.884.572	8.495.242.217
2018	1.041.085.332.081	483.324.264.340	557.761.067.741
2019	914.969.847.759	521.992.920.131	392.976.927.628
Tahun	<i>Working Capital (Rp)</i>	<i>Total Assets (Rp)</i>	<i>%</i>
2017	8.495.242.217	5.306.055.112.389	0,16
2018	557.761.067.741	5.165.236.468.706	10,80
2019	392.976.927.628	4.975.248.130.342	7,90
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	<i>Appropriated Retained Earnings (Rp)</i>	<i>Unappropriated Retained Earnings (Rp)</i>	<i>Retained Earnings (Rp)</i>
2017		(59.935.580.875)	(59.935.580.875)
2018		11.205.260.566	11.205.260.566
2019		(51.453.964.424)	(51.453.964.424)
Tahun	<i>Retained Earnings (Rp)</i>	<i>Total Assets (Rp)</i>	<i>%</i>
2017	(59.935.580.875)	5.306.055.112.389	-1,13
2018	11.205.260.566	5.165.236.468.706	0,22
2019	(51.453.964.424)	4.975.248.130.342	-1,03
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	<i>Total Profit (Loss) Before Tax (Rp)</i>	<i>Finance Income (Rp)</i>	<i>Finance Costs (Rp)</i>
2017	(41.103.879.672)	325.675.513	99.828.823.485
2018	77.718.131.618	479.637.064	84.796.803.116
2019	(113.644.399.721)		97.507.687.636
Tahun	<i>Earning Before Interest and Taxes (Rp)</i>	<i>Total Assets (Rp)</i>	<i>%</i>
2017	58.399.268.300	5.306.055.112.389	1,10
2018	162.035.297.670	5.165.236.468.706	3,14
2019	(16.136.712.085)	4.975.248.130.342	-0,32
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	<i>Common Stocks (Rp)</i>	<i>Additional Paid-in Capital (Rp)</i>	<i>Market Value of Equity (Rp)</i>
2017	578.468.704.700	1.053.534.286.527	1.632.002.991.227
2018	578.468.704.700	1.214.302.533.845	1.792.771.238.545
2019	578.468.704.700	1.214.302.533.845	1.792.771.238.545
Tahun	<i>Market Value of Equity (Rp)</i>	<i>Book Value of Total Liabilities (Rp)</i>	<i>%</i>
2017	1.632.002.991.227	3.318.435.703.361	49,18
2018	1.792.771.238.545	2.904.707.799.328	61,72
2019	1.792.771.238.545	2.832.632.209.365	63,29
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	<i>Sales (Rp)</i>	<i>Total Assets (Rp)</i>	<i>%</i>
2017	887.141.290.201	5.306.055.112.389	16,72
2018	890.045.953.988	5.165.236.468.706	17,23
2019	697.914.218.244	4.975.248.130.342	14,03

BUDI STARTC & SWEETENER TBK (BUDI)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	1.027.489.000.000	1.019.986.000.000	7.503.000.000
2018	1.472.140.000.000	1.467.508.000.000	4.632.000.000
2019	1.141.009.000.000	1.133.685.000.000	7.324.000.000
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	7.503.000.000	2.939.456.000.000	0,26
2018	4.632.000.000	3.392.980.000.000	0,14
2019	7.324.000.000	2.999.767.000.000	0,24
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017	9.000.000.000	313.873.000.000	322.873.000.000
2018	9.500.000.000	343.882.000.000	353.382.000.000
2019	10.000.000.000	382.098.000.000	392.098.000.000
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	322.873.000.000	2.939.456.000.000	10,98
2018	353.382.000.000	3.392.980.000.000	10,42
2019	392.098.000.000	2.999.767.000.000	13,07
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	61.016.000.000	259.000.000	115.845.000.000
2018	71.781.000.000	631.000.000	138.096.000.000
2019	83.905.000.000	284.000.000	146.115.000.000
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	176.602.000.000	2.939.456.000.000	6,01
2018	209.246.000.000	3.392.980.000.000	6,17
2019	229.736.000.000	2.999.767.000.000	7,66
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	562.375.000.000	104.152.000.000	666.527.000.000
2018	562.375.000.000	104.152.000.000	666.527.000.000
2019	562.375.000.000	104.152.000.000	666.527.000.000
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	666.527.000.000	1.744.756.000.000	38,20
2018	666.527.000.000	2.166.496.000.000	30,77
2019	666.527.000.000	1.714.449.000.000	38,88
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	2.510.578.000.000	2.939.456.000.000	85,41
2018	2.647.193.000.000	3.392.980.000.000	78,02
2019	3.003.768.000.000	2.999.767.000.000	100,13

CAMPINA ICE CREAM INDUSTRY TBK (CAMP)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	864.515.740.386	54.639.027.443	809.876.712.943
2018	664.681.699.769	61.322.975.128	603.358.724.641
2019	723.916.345.285	57.300.411.135	666.615.934.150
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	809.876.712.943	1.211.184.522.659	66,87
2018	603.358.724.641	1.004.275.813.783	60,08
2019		1.057.529.235.985	63,04
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017		52.391.378.628	52.391.378.628
2018		96.683.674.317	96.683.674.317
2019		141.726.337.170	141.726.337.170
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	52.391.378.628	1.211.184.522.659	4,33
2018	96.683.674.317	1.004.275.813.783	9,63
2019	141.726.337.170	1.057.529.235.985	13,40
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	58.384.115.529	3.778.226.720	46.733.775.985
2018	84.038.783.563	7.425.980.739	10.198.983.634
2019	99.535.473.132	9.250.525.703	616.969.112
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	101.339.664.794	1.211.184.522.659	8,37
2018	86.811.786.458	1.004.275.813.783	8,64
2019	90.901.916.541	1.057.529.235.985	8,60
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	588.500.000.000	205.166.146.680	793.666.146.680
2018	588.500.000.000	205.166.146.680	793.666.146.680
2019	588.500.000.000	205.166.146.680	793.666.146.680
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	793.666.146.680	373.272.941.433	212,62
2018	793.666.146.680	118.853.215.128	667,77
2019	793.666.146.680	122.136.752.135	649,82
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	944.837.322.446	1.211.184.522.659	78,01
2018	961.136.629.003	1.004.275.813.783	95,70
2019	1.028.952.947.818	1.057.529.235.985	97,30

WILMAR CAHAYA INDONESIA TBK (CEKA)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	988.479.957.549	444.383.077.820	544.096.879.729
2018	809.166.450.672	158.255.592.250	650.910.858.422
2019	1.067.652.078.121	222.440.530.626	845.211.547.495
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	544.096.879.729	1.392.636.444.501	39,07
2018	650.910.858.422	1.168.956.042.706	55,68
2019	845.211.547.495	1.393.079.542.074	60,67
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017	7.530.025.067	647.907.688.289	655.437.713.356
2018	8.030.025.067	713.282.345.064	721.312.370.131
2019	8.530.025.067	868.741.545.306	877.271.570.373
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	655.437.713.356	1.392.636.444.501	47,06
2018	721.312.370.131	1.168.956.042.706	61,71
2019	877.271.570.373	1.393.079.542.074	62,97
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	143.195.939.366	1.380.514.913	
2018	123.394.812.359	2.541.045.037	
2019	285.132.249.695	3.471.317.654	
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	141.815.424.453	1.392.636.444.501	10,18
2018	120.853.767.322	1.168.956.042.706	10,34
2019	281.660.932.041	1.393.079.542.074	20,22
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	148.750.000.000	109.952.993.909	258.702.993.909
2018	148.750.000.000	109.952.993.909	258.702.993.909
2019	148.750.000.000	109.952.993.909	258.702.993.909
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	258.702.993.909	489.592.257.434	52,84
2018	258.702.993.909	192.308.466.864	134,53
2019	258.702.993.909	261.784.845.240	98,82
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	4.257.738.486.908	1.392.636.444.501	305,73
2018	3.629.327.583.572	1.168.956.042.706	310,48
2019	3.120.937.098.980	1.393.079.542.074	224,03

SARIGUNA PRIMATIRTA TBK (CLEO)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	144.179.181.317	116.843.320.205	27.335.861.112
2018	198.544.322.066	121.061.155.519	77.483.166.547
2019	240.755.729.131	204.953.165.337	35.802.563.794
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	27.335.861.112	660.917.775.322	4,14
2018	77.483.166.547	833.933.861.594	9,29
2019	35.802.563.794	1.245.144.303.719	2,88
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017	1.000.000.000	71.106.936.867	72.106.936.867
2018	2.000.000.000	133.616.215.059	135.616.215.059
2019	3.000.000.000	261.480.124.256	264.480.124.256
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	72.106.936.867	660.917.775.322	10,91
2018	135.616.215.059	833.933.861.594	16,26
2019	264.480.124.256	1.245.144.303.719	21,24
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	62.664.239.800	5.488.353.240	21.437.623.500
2018	81.834.159.473	5.163.814.298	23.058.101.482
2019	172.667.589.552	4.170.964.964	14.850.093.220
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	78.613.510.060	660.917.775.322	11,89
2018	99.728.446.657	833.933.861.594	11,96
2019	183.346.717.808	1.245.144.303.719	14,72
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	220.000.000.000	5.861.635.427	225.861.635.427
2018	240.000.000.000	259.861.635.427	499.861.635.427
2019	240.000.000.000	261.819.311.770	501.819.311.770
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	225.861.635.427	362.948.247.159	62,23
2018	499.861.635.427	198.455.391.702	251,88
2019	501.819.311.770	478.844.867.693	104,80
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	614.677.561.202	660.917.775.322	93,00
2018	831.104.026.853	833.933.861.594	99,66
2019	1.088.679.619.907	1.245.144.303.719	87,43

DELTA DJAKARTA TBK (DLTA)

Working Capital to Total Asset Ratio (X1)			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	1.206.576.189.000	139.684.908.000	1.066.891.281.000
2018	1.384.227.944.000	192.299.843.000	1.191.928.101.000
2019	1.292.805.083.000	160.587.363.000	1.132.217.720.000
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	1.066.891.281.000	1.340.842.765.000	79,57
2018	1.191.928.101.000	1.523.517.170.000	78,24
2019	1.132.217.720.000	1.425.983.722.000	79,40
Retained Earning to Total Asset Ratio (X2)			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017	10.000.000	1.105.546.270.000	1.105.556.270.000
2018	11.000.000	1.245.000.457.000	1.245.011.457.000
2019	12.000.000	1.174.483.602.000	1.174.495.602.000
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	1.105.556.270.000	1.340.842.765.000	82,45
2018	1.245.011.457.000	1.523.517.170.000	81,72
2019	1.174.495.602.000	1.425.983.722.000	82,36
Earning Before Interest and Taxes to Total Asset Ratio (X3)			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	369.012.853.000	32.823.821.000	
2018	441.248.118.000	38.582.346.000	
2019	412.437.215.000	48.237.483.000	
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	336.189.032.000	1.340.842.765.000	25,07
2018	402.665.772.000	1.523.517.170.000	26,43
2019	364.199.732.000	1.425.983.722.000	25,54
Market Value of Equity to Book Value of Total Liabilities Ratio (X4)			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	16.013.181.000	19.015.656.000	35.028.837.000
2018	16.013.181.000	19.015.656.000	35.028.837.000
2019	16.013.181.000	19.015.656.000	35.028.837.000
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	35.028.837.000	196.197.372.000	17,85
2018	35.028.837.000	239.353.356.000	14,63
2019	35.028.837.000	212.420.390.000	16,49
Sales to Total Asset Ratio (X5)			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	777.308.328.000	1.340.842.765.000	57,97
2018	893.006.350.000	1.523.517.170.000	58,61
2019	827.136.727.000	1.425.983.722.000	58,00

SENTRA FOOD INDONESIA TBK (FOOD)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	44.999.589.910	91.345.426.915	(46.345.837.005)
2018	43.059.035.473	56.426.493.405	(13.367.457.932)
2019	39.436.012.770	34.921.473.609	4.514.539.161
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	(46.345.837.005)	126.644.526.250	-36,60
2018	(13.367.457.932)	126.697.833.403	-10,55
2019	4.514.539.161	118.586.648.946	3,81
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017		(1.095.187.436)	(1.095.187.436)
2018		(200.966.276)	(200.966.276)
2019		2.050.742.019	2.050.742.019
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	(1.095.187.436)	126.644.526.250	-0,86
2018	(200.966.276)	126.697.833.403	-0,16
2019	2.050.742.019	118.586.648.946	1,73
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	1.726.953.243	13.662.211	6.268.925.803
2018	2.569.278.213	15.407.649	4.596.857.417
2019	3.070.282.568	5.407.735	2.882.565.732
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	7.982.216.835	126.644.526.250	6,30
2018	7.150.727.981	126.697.833.403	5,64
2019	5.947.440.565	118.586.648.946	5,02
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	200.000.000	104.665.458	304.665.458
2018	50.000.000.000	(3.488.556.266)	46.511.443.734
2019	65.000.000.000	(2.283.792.080)	62.716.207.920
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	304.665.458	114.694.195.622	0,27
2018	46.511.443.734	71.727.921.873	64,84
2019	62.716.207.920	44.535.029.072	140,82
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	100.274.647.532	126.644.526.250	79,18
2018	122.056.432.243	126.697.833.403	96,34
2019	126.256.859.256	118.586.648.946	106,47

GARUDAFOOD PUTRA PUTRI JAYA TBK (GOOD)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	1.506.661.877.655	1.516.184.849.187	(9.522.971.532)
2018	1.570.545.769.306	1.328.163.043.500	242.382.725.806
2019	1.999.886.108.743	1.303.881.731.637	696.004.377.106
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	(9.522.971.532)	3.564.218.091.628	-0,27
2018	242.382.725.806	4.212.408.305.683	5,75
2019	696.004.377.106	5.063.067.672.414	13,75
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017		447.668.011.440	447.668.011.440
2018		687.073.239.101	687.073.239.101
2019	5.000.000.000	949.849.600.663	954.849.600.663
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	447.668.011.440	3.564.218.091.628	12,56
2018	687.073.239.101	4.212.408.305.683	16,31
2019	954.849.600.663	5.063.067.672.414	18,86
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	499.607.746.824	10.865.067.686	112.224.745.801
2018	582.506.906.329	6.191.750.935	71.263.058.866
2019	580.567.005.845	14.920.134.366	107.016.525.972
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	600.967.424.939	3.564.218.091.628	16,86
2018	647.578.214.260	4.212.408.305.683	15,37
2019	672.663.397.451	5.063.067.672.414	13,29
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	661.673.900.100	13.239.806.438	674.913.706.538
2018	737.958.029.100	909.288.729.834	1.647.246.758.934
2019	737.958.029.100	909.288.729.834	1.647.246.758.934
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	674.913.706.538	2.305.037.876.675	29,28
2018	1.647.246.758.934	1.722.999.829.003	95,60
2019	1.647.246.758.934	2.297.546.907.499	71,70
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	7.480.628.488.726	3.564.218.091.628	209,88
2018	8.048.946.664.266	4.212.408.305.683	191,08
2019	8.438.631.355.699	5.063.067.672.414	166,67

BUYUNG POETRA SEMBADA TBK (HOKI)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	402.492.112.857	88.130.681.014	314.361.431.843
2018	490.747.589.782	183.224.424.681	307.523.165.101
2019	483.422.211.591	161.901.915.986	321.520.295.605
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	314.361.431.843	576.963.542.579	54,49
2018	307.523.165.101	758.846.556.031	40,53
2019	321.520.295.605	848.676.035.300	37,88
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017	200.000.000	100.445.995.671	100.645.995.671
2018	300.000.000	178.718.030.931	179.018.030.931
2019	400.000.000	255.749.083.500	256.149.083.500
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	100.645.995.671	576.963.542.579	17,44
2018	179.018.030.931	758.846.556.031	23,59
2019	256.149.083.500	848.676.035.300	30,18
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	64.384.420.849		
2018	120.822.298.064		
2019	142.179.083.420		
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	64.384.420.849	576.963.542.579	11,16
2018	120.822.298.064	758.846.556.031	15,92
2019	142.179.083.420	848.676.035.300	16,75
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	235.000.000.000	140.332.516.088	375.332.516.088
2018	237.483.462.000	146.665.344.188	384.148.806.188
2019	237.840.550.000	147.575.918.588	385.416.468.588
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	375.332.516.088	100.983.030.820	371,68
2018	384.148.806.188	195.678.977.792	196,32
2019	385.416.468.588	207.108.590.481	186,09
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	1.209.215.316.632	576.963.542.579	209,58
2018	1.430.785.280.985	758.846.556.031	188,55
2019	1.653.031.823.505	848.676.035.300	194,78

INDOFOOD CBP SUKSES MAKMUR TBK (ICBP)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	16.579.331.000.000	6.827.588.000.000	9.751.743.000.000
2018	14.121.568.000.000	7.235.398.000.000	6.886.170.000.000
2019	16.624.925.000.000	6.556.359.000.000	10.068.566.000.000
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	9.751.743.000.000	31.619.514.000.000	30,84
2018	6.886.170.000.000	34.367.153.000.000	20,04
2019	10.068.566.000.000	38.709.314.000.000	26,01
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017	35.000.000.000	12.764.244.000.000	12.799.244.000.000
2018	40.000.000.000	14.989.629.000.000	15.029.629.000.000
2019	45.000.000.000	18.450.204.000.000	18.495.204.000.000
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	12.799.244.000.000	31.619.514.000.000	40,48
2018	15.029.629.000.000	34.367.153.000.000	43,73
2019	18.495.204.000.000	38.709.314.000.000	47,78
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	5.206.561.000.000	323.612.000.000	153.935.000.000
2018	6.446.785.000.000	254.033.000.000	225.568.000.000
2019	7.436.972.000.000	246.175.000.000	161.444.000.000
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	5.036.884.000.000	31.619.514.000.000	15,93
2018	6.418.320.000.000	34.367.153.000.000	18,68
2019	7.352.241.000.000	38.709.314.000.000	18,99
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	583.095.000.000	5.985.469.000.000	6.568.564.000.000
2018	583.095.000.000	5.985.469.000.000	6.568.564.000.000
2019	583.095.000.000	5.985.469.000.000	6.568.564.000.000
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	6.568.564.000.000	11.295.184.000.000	58,15
2018	6.568.564.000.000	11.660.003.000.000	56,33
2019	6.568.564.000.000	12.038.210.000.000	54,56
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	35.606.593.000.000	31.619.514.000.000	112,61
2018	38.413.407.000.000	34.367.153.000.000	111,77
2019	42.296.703.000.000	38.709.314.000.000	109,27

INTI AGRI RESOURCES TBK (IIKP)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	18.602.111.558	22.704.492.271	(4.102.380.713)
2018	21.055.644.654	22.158.317.850	(1.102.673.196)
2019	123.860.216.383	22.889.516.184	100.970.700.199
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	(4.102.380.713)	313.924.526.593	-1,31
2018	(1.102.673.196)	298.090.648.072	-0,37
2019	100.970.700.199	384.481.206.140	26,26
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017	50.000.000	(85.494.882.890)	(85.444.882.890)
2018	50.000.000	(100.743.637.143)	(100.693.637.143)
2019	50.000.000	(14.961.335.493)	(14.911.335.493)
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	(85.444.882.890)	313.924.526.593	-27,22
2018	(100.693.637.143)	298.090.648.072	-33,78
2019	(14.911.335.493)	384.481.206.140	-3,88
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	(17.124.071.013)	2.351.532	47.251.562
2018	(16.876.169.829)	2.406.100	60.348.156
2019	82.300.553.255	38.817.117	54.888.802
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	(17.079.170.983)	313.924.526.593	-5,44
2018	(16.818.227.773)	298.090.648.072	-5,64
2019	82.316.624.940	384.481.206.140	21,41
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	364.800.000.000	9.330.333.059	374.130.333.059
2018	364.800.000.000	9.303.333.059	374.103.333.059
2019	364.800.000.000	9.303.333.059	374.103.333.059
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	374.130.333.059	25.036.566.757	1494,34
2018	374.103.333.059	23.746.905.995	1575,38
2019	374.103.333.059	25.039.869.959	1494,03
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	21.412.753.784	313.924.526.593	6,82
2018	17.802.375.343	298.090.648.072	5,97
2019	20.078.357.205	384.481.206.140	5,22

INDOFOOD SUKSES MAKMUR TBK (INDF)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	32.948.131.000.000	21.637.763.000.000	11.310.368.000.000
2018	33.272.618.000.000	31.204.102.000.000	2.068.516.000.000
2019	31.403.445.000.000	24.686.862.000.000	6.716.583.000.000
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	11.310.368.000.000	88.400.877.000.000	12,79
2018	2.068.516.000.000	96.537.796.000.000	2,14
2019	6.716.583.000.000	96.198.559.000.000	6,98
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017	105.000.000.000	21.397.123.000.000	21.502.123.000.000
2018	110.000.000.000	23.193.960.000.000	23.303.960.000.000
2019	115.000.000.000	26.664.999.000.000	26.779.999.000.000
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	21.502.123.000.000	88.400.877.000.000	24,32
2018	23.303.960.000.000	96.537.796.000.000	24,14
2019	26.779.999.000.000	96.198.559.000.000	27,84
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	7.594.822.000.000	500.315.000.000	1.486.027.000.000
2018	7.446.966.000.000	420.900.000.000	2.022.215.000.000
2019	8.749.397.000.000	750.507.000.000	1.727.018.000.000
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	8.580.534.000.000	88.400.877.000.000	9,71
2018	9.048.281.000.000	96.537.796.000.000	9,37
2019	9.725.908.000.000	96.198.559.000.000	10,11
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	878.043.000.000	283.732.000.000	1.161.775.000.000
2018	878.043.000.000	283.732.000.000	1.161.775.000.000
2019	878.043.000.000	283.732.000.000	1.161.775.000.000
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	1.161.775.000.000	41.298.111.000.000	2,81
2018	1.161.775.000.000	46.620.996.000.000	2,49
2019	1.161.775.000.000	41.996.071.000.000	2,77
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	70.186.618.000.000	88.400.877.000.000	79,40
2018	73.394.728.000.000	96.537.796.000.000	76,03
2019	76.592.955.000.000	96.198.559.000.000	79,62

MULIA BOGA RAYA TBK (KEJU)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	<i>Current Assets (Rp)</i>	<i>Current Liabilities (Rp)</i>	<i>Working Capital (Rp)</i>
2017			
2018	322.856.090.927	140.400.984.686	182.455.106.241
2019	498.883.575.576	201.269.847.299	297.613.728.277
Tahun	<i>Working Capital (Rp)</i>	<i>Total Assets (Rp)</i>	<i>%</i>
2017			
2018	182.455.106.241	536.474.210.503	34,01
2019	297.613.728.277	666.313.386.673	44,67
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	<i>Appropriated Retained Earnings (Rp)</i>	<i>Unappropriated Retained Earnings (Rp)</i>	<i>Retained Earnings (Rp)</i>
2017			
2018		312.945.421.052	312.945.421.052
2019		153.715.309.417	153.715.309.417
Tahun	<i>Retained Earnings (Rp)</i>	<i>Total Assets (Rp)</i>	<i>%</i>
2017			
2018	312.945.421.052	536.474.210.503	58,33
2019	153.715.309.417	666.313.386.673	23,07
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	<i>Total Profit (Loss) Before Tax (Rp)</i>	<i>Finance Income (Rp)</i>	<i>Finance Costs (Rp)</i>
2017			
2018	93.239.157.599	547.157.097	3.294.780.947
2019	136.625.747.757	1.300.138.350	1.623.561.354
Tahun	<i>Earning Before Interest and Taxes (Rp)</i>	<i>Total Assets (Rp)</i>	<i>%</i>
2017			
2018	95.986.781.449	536.474.210.503	17,89
2019	136.949.170.761	666.313.386.673	20,55
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	<i>Common Stocks (Rp)</i>	<i>Additional Paid-in Capital (Rp)</i>	<i>Market Value of Equity (Rp)</i>
2017			
2018	60.000.000.000		60.000.000.000
2019	75.000.000.000	206.493.605.833	281.493.605.833
Tahun	<i>Market Value of Equity (Rp)</i>	<i>Book Value of Total Liabilities (Rp)</i>	<i>%</i>
2017			
2018	60.000.000.000	161.689.303.541	37,11
2019	281.493.605.833	230.619.409.786	122,06
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	<i>Sales (Rp)</i>	<i>Total Assets (Rp)</i>	<i>%</i>
2017			
2018	856.750.384.301	536.474.210.503	159,70
2019	978.806.205.312	666.313.386.673	146,90

MAGNA INVESTAMA MANDIRI TBK (MGNA)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	48.343.503.453	18.368.509.173	29.974.994.280
2018	34.715.467.684	118.728.791.165	(84.013.323.481)
2019	4.047.266.662	174.657.441.724	(170.610.175.062)
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	29.974.994.280	226.027.673.845	13,26
2018	(84.013.323.481)	204.476.568.540	-41,09
2019	(170.610.175.062)	88.838.496.383	-192,05
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017		(45.713.379.491)	(45.713.379.491)
2018		(80.423.484.439)	(80.423.484.439)
2019		(199.309.514.350)	(199.309.514.350)
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	(45.713.379.491)	226.027.673.845	-20,22
2018	(80.423.484.439)	204.476.568.540	-39,33
2019	(199.309.514.350)	88.838.496.383	-224,35
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	(33.547.195.262)		30.045.640.761
2018	(36.954.115.275)		24.708.679.565
2019	(121.782.917.211)		19.288.335.403
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	(3.501.554.501)	226.027.673.845	-1,55
2018	(12.245.435.710)	204.476.568.540	-5,99
2019	(102.494.581.808)	88.838.496.383	-115,37
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	100.308.097.700	65.404.885	100.373.502.585
2018	100.308.097.700	65.404.885	100.373.502.585
2019	100.308.097.700	65.404.885	100.373.502.585
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	100.373.502.585	172.486.745.909	58,19
2018	100.373.502.585	187.920.313.606	53,41
2019	100.373.502.585	193.930.594.350	51,76
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	198.690.664.862	226.027.673.845	87,91
2018	257.437.549.951	204.476.568.540	125,90
2019	42.286.984.239	88.838.496.383	47,60

MULTI BINTANG INDONESIA TBK (MLBI)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	1.076.845.000.000	1.304.114.000.000	(227.269.000.000)
2018	1.228.961.000.000	1.578.919.000.000	(349.958.000.000)
2019	1.162.802.000.000	1.588.693.000.000	(425.891.000.000)
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	(227.269.000.000)	2.510.078.000.000	-9,05
2018	(349.958.000.000)	2.889.501.000.000	-12,11
2019	(425.891.000.000)	2.896.950.000.000	-14,70
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017	14.000.000	1.041.588.000.000	1.041.602.000.000
2018	15.000.000	1.144.268.000.000	1.144.283.000.000
2019	16.000.000	1.122.644.000.000	1.122.660.000.000
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	1.041.602.000.000	2.510.078.000.000	41,50
2018	1.144.283.000.000	2.889.501.000.000	39,60
2019	1.122.660.000.000	2.896.950.000.000	38,75
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	1.780.020.000.000	19.504.000.000	25.237.000.000
2018	1.671.912.000.000	51.274.000.000	34.159.000.000
2019	1.626.612.000.000	26.594.000.000	44.576.000.000
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	1.785.753.000.000	2.510.078.000.000	71,14
2018	1.654.797.000.000	2.889.501.000.000	57,27
2019	1.644.594.000.000	2.896.950.000.000	56,77
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	21.070.000.000	1.802.000.000	22.872.000.000
2018	21.070.000.000	1.802.000.000	22.872.000.000
2019	21.070.000.000	1.802.000.000	22.872.000.000
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	22.872.000.000	1.445.173.000.000	1,58
2018	22.872.000.000	1.721.965.000.000	1,33
2019	22.872.000.000	1.750.943.000.000	1,31
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	3.389.736.000.000	2.510.078.000.000	135,05
2018	3.649.615.000.000	2.889.501.000.000	126,31
2019	3.711.405.000.000	2.896.950.000.000	128,11

MAYORA INDAH TBK (MYOR)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	10.674.199.571.313	4.473.628.322.956	6.200.571.248.357
2018	12.647.858.727.872	4.764.510.387.113	7.883.348.340.759
2019	12.776.102.781.513	3.726.359.539.201	9.049.743.242.312
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	6.200.571.248.357	14.915.849.800.251	41,57
2018	7.883.348.340.759	17.591.706.426.634	44,81
2019	9.049.743.242.312	19.037.918.806.473	47,54
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017	41.000.000.000	6.702.645.888.746	6.743.645.888.746
2018	43.000.000.000	7.857.855.271.848	7.900.855.271.848
2019	45.000.000.000	9.174.327.921.684	9.219.327.921.684
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	6.743.645.888.746	14.915.849.800.251	45,21
2018	7.900.855.271.848	17.591.706.426.634	44,91
2019	9.219.327.921.684	19.037.918.806.473	48,43
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	2.186.884.603.474	36.492.708.776	394.315.703.972
2018	2.381.942.198.855	46.799.131.766	492.638.756.739
2019	2.704.466.581.011	52.352.843.077	355.074.879.758
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	2.544.707.598.670	14.915.849.800.251	17,06
2018	2.827.781.823.828	17.591.706.426.634	16,07
2019	3.007.188.617.692	19.037.918.806.473	15,80
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	447.173.994.500	330.005.500	447.504.000.000
2018	447.173.994.500	330.005.500	447.504.000.000
2019	447.173.994.500	330.005.500	447.504.000.000
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	447.504.000.000	7.561.503.434.179	5,92
2018	447.504.000.000	9.049.161.944.940	4,95
2019	447.504.000.000	9.137.978.611.155	4,90
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	20.816.673.946.473	14.915.849.800.251	139,56
2018	24.060.802.395.725	17.591.706.426.634	136,77
2019	25.026.739.472.547	19.037.918.806.473	131,46

PRATAMA ABADI NUSA INDUSTRI TBK (PANI)

Working Capital to Total Asset Ratio (X1)			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	59.471.330.714	27.620.830.730	31.850.499.984
2018	109.504.732.067	91.524.875.312	17.979.856.755
2019	91.858.799.351	61.591.309.603	30.267.489.748
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	31.850.499.984	76.254.520.373	41,77
2018	17.979.856.755	149.593.161.546	12,02
2019	30.267.489.748	119.708.955.785	25,28
Retained Earning to Total Asset Ratio (X2)			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017		(2.227.188.719)	(2.227.188.719)
2018		(1.576.599.790)	(1.576.599.790)
2019		(1.477.767.820)	(1.477.767.820)
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	(2.227.188.719)	76.254.520.373	-2,92
2018	(1.576.599.790)	149.593.161.546	-1,05
2019	(1.477.767.820)	119.708.955.785	-1,23
Earning Before Interest and Taxes to Total Asset Ratio (X3)			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	803.303.307		1.995.336.021
2018	1.854.853.044		2.083.653.162
2019	(508.811.189)		1.873.830.303
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	2.798.639.328	76.254.520.373	3,67
2018	3.938.506.206	149.593.161.546	2,63
2019	1.365.019.114	119.708.955.785	1,14
Market Value of Equity to Book Value of Total Liabilities Ratio (X4)			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	26.000.000.000	166.964.326	26.166.964.326
2018	41.000.000.000	184.591.840	41.184.591.840
2019	41.000.000.000	184.591.840	41.184.591.840
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	26.166.964.326	37.246.386.852	70,25
2018	41.184.591.840	109.729.032.999	37,53
2019	41.184.591.840	79.744.555.995	51,65
Sales to Total Asset Ratio (X5)			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	186.058.293.567	76.254.520.373	244,00
2018	294.974.459.837	149.593.161.546	197,18
2019	230.646.056.647	119.708.955.785	192,67

PRIMA CAKRAWALA ABADI TBK (PCAR)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	<i>Current Assets (Rp)</i>	<i>Current Liabilities (Rp)</i>	<i>Working Capital (Rp)</i>
2017	102.516.143.530	36.483.673.038	66.032.470.492
2018	86.383.519.237	23.934.318.332	62.449.200.905
2019	81.197.082.570	33.133.870.056	48.063.212.514
Tahun	<i>Working Capital (Rp)</i>	<i>Total Assets (Rp)</i>	<i>%</i>
2017	66.032.470.492	140.807.574.026	46,90
2018	62.449.200.905	117.423.511.774	53,18
2019	48.063.212.514	124.735.506.555	38,53
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	<i>Appropriated Retained Earnings (Rp)</i>	<i>Unappropriated Retained Earnings (Rp)</i>	<i>Retained Earnings (Rp)</i>
2017		(38.053.719.217)	(38.053.719.217)
2018		(45.470.030.757)	(45.470.030.757)
2019		(49.641.905.008)	(49.641.905.008)
Tahun	<i>Retained Earnings (Rp)</i>	<i>Total Assets (Rp)</i>	<i>%</i>
2017	(38.053.719.217)	140.807.574.026	-27,03
2018	(45.470.030.757)	117.423.511.774	-38,72
2019	(49.641.905.008)	124.735.506.555	-39,80
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	<i>Total Profit (Loss) Before Tax (Rp)</i>	<i>Finance Income (Rp)</i>	<i>Finance Costs (Rp)</i>
2017	(645.202.337)		
2018	(7.468.892.901)		
2019	(9.889.142.889)	695.210.352	1.195.372.487
Tahun	<i>Earning Before Interest and Taxes (Rp)</i>	<i>Total Assets (Rp)</i>	<i>%</i>
2017	(645.202.337)	140.807.574.026	-0,46
2018	(7.468.892.901)	117.423.511.774	-6,36
2019	(9.388.980.754)	124.735.506.555	-7,53
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	<i>Common Stocks (Rp)</i>	<i>Additional Paid-in Capital (Rp)</i>	<i>Market Value of Equity (Rp)</i>
2017	70.000.000.000	48.132.196.994	118.132.196.994
2018	116.666.670.000	1.465.299.889	118.131.969.889
2019	116.666.670.000	1.465.526.994	118.132.196.994
Tahun	<i>Market Value of Equity (Rp)</i>	<i>Book Value of Total Liabilities (Rp)</i>	<i>%</i>
2017	118.132.196.994	44.941.281.197	262,86
2018	118.131.969.889	28.973.210.457	407,73
2019	118.132.196.994	40.503.414.153	291,66
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	<i>Sales (Rp)</i>	<i>Total Assets (Rp)</i>	<i>%</i>
2017	135.431.651.945	140.807.574.026	96,18
2018	176.509.268.479	117.423.511.774	150,32
2019	62.720.091.934	124.735.506.555	50,28

PRASIDHA ANEKA NIAGA TBK (PSDN)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	387.076.417.966	333.943.794.874	53.132.623.092
2018	369.067.844.907	361.013.085.421	8.054.759.486
2019	285.684.939.859	378.030.544.728	(92.345.604.869)
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	53.132.623.092	691.014.455.523	7,69
2018	8.054.759.486	697.657.400.651	1,15
2019	(92.345.604.869)	763.492.320.252	-12,10
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017		(83.305.595.981)	(83.305.595.981)
2018		(145.535.666.539)	(145.535.666.539)
2019		(192.893.888.909)	(192.893.888.909)
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	(83.305.595.981)	691.014.455.523	-12,06
2018	(145.535.666.539)	697.657.400.651	-20,86
2019	(192.893.888.909)	763.492.320.252	-25,26
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017			
2018			
2019	4.341.114.728	580.264.885	29.202.829.047
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	70.329.006.394	691.014.455.523	10,18
2018	(2.509.541.370)	697.657.400.651	-0,36
2019	32.963.678.890	763.492.320.252	4,32
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	252.000.000.000	52.681.380.953	304.681.380.953
2018	252.000.000.000	52.681.380.953	304.681.380.953
2019	252.000.000.000	52.681.380.953	304.681.380.953
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	304.681.380.953	391.494.545.680	77,83
2018	304.681.380.953	454.760.270.998	67,00
2019	304.681.380.953	587.528.831.446	51,86
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	1.399.580.416.996	691.014.455.523	202,54
2018	1.334.070.483.011	697.657.400.651	191,22%
2019	1.224.283.552.949	763.492.320.252	160,35

NIPPON INDOSARI CORPINDO TBK (ROTI)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	2.319.937.439.019	1.027.176.531.240	1.292.760.907.779
2018	1.876.409.299.238	525.422.150.049	1.350.987.149.189
2019	1.874.411.044.438	1.106.938.318.565	767.472.725.873
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	1.292.760.907.779	4.559.573.709.411	28,35
2018	1.350.987.149.189	4.393.810.380.883	30,75
2019	767.472.725.873	4.682.083.844.951	16,39
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017	8.000.000.000	1.185.185.012.557	1.193.185.012.557
2018	10.000.000.000	1.327.358.114.302	1.337.358.114.302
2019	12.000.000.000	1.553.296.764.733	1.565.296.764.733
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	1.193.185.012.557	4.559.573.709.411	26,17
2018	1.337.358.114.302	4.393.810.380.883	30,44
2019	1.565.296.764.733	4.682.083.844.951	33,43
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	186.147.334.530	28.107.278.470	91.930.964.348
2018	186.936.324.915	67.712.733.370	82.233.618.970
2019	347.098.820.613	55.563.849.501	66.295.550.224
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	249.971.020.408	4.559.573.709.411	5,48
2018	201.457.210.515	4.393.810.380.883	4,59
2019	357.830.521.336	4.682.083.844.951	7,64
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	123.729.777.760	1.458.867.087.549	1.582.596.865.309
2018	123.729.777.760	1.458.867.087.549	1.582.596.865.309
2019	123.729.777.760	1.458.867.087.549	1.582.596.865.309
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	1.582.596.865.309	1.739.467.993.982	90,98
2018	1.582.596.865.309	1.476.909.260.772	107,16
2019	1.582.596.865.309	1.589.486.465.854	99,57
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	2.491.100.179.560	4.559.573.709.411	54,63
2018	2.766.545.866.684	4.393.810.380.883	62,96
2019	3.337.022.314.624	4.682.083.844.951	71,27

SEKAR BUMI TBK (SKBM)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	<i>Current Assets (Rp)</i>	<i>Current Liabilities (Rp)</i>	<i>Working Capital (Rp)</i>
2017	836.639.597.232	511.596.750.506	325.042.846.726
2018	851.410.216.636	615.506.825.729	235.903.390.907
2019	889.743.651.128	668.931.501.885	220.812.149.243
Tahun	<i>Working Capital (Rp)</i>	<i>Total Assets (Rp)</i>	<i>%</i>
2017	325.042.846.726	1.623.027.475.045	20,03
2018	235.903.390.907	1.771.365.972.009	13,32
2019	220.812.149.243	1.820.383.352.811	12,13
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	<i>Appropriated Retained Earnings (Rp)</i>	<i>Unappropriated Retained Earnings (Rp)</i>	<i>Retained Earnings (Rp)</i>
2017		215.372.236.498	215.372.236.498
2018		230.381.622.237	230.381.622.237
2019		234.658.202.551	234.658.202.551
Tahun	<i>Retained Earnings (Rp)</i>	<i>Total Assets (Rp)</i>	<i>%</i>
2017	215.372.236.498	1.623.027.475.045	13,27
2018	230.381.622.237	1.771.365.972.009	13,01
2019	234.658.202.551	1.820.383.352.811	12,89
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	<i>Total Profit (Loss) Before Tax (Rp)</i>	<i>Finance Income (Rp)</i>	<i>Finance Costs (Rp)</i>
2017	31.761.022.154	11.936.938.600	32.022.866.095
2018	20.887.453.647	7.688.489.551	32.839.119.440
2019	5.163.201.735	6.940.436.799	49.375.902.128
Tahun	<i>Earning Before Interest and Taxes (Rp)</i>	<i>Total Assets (Rp)</i>	<i>%</i>
2017	51.846.949.649	1.623.027.475.045	3,19
2018	46.038.083.536	1.771.365.972.009	2,60
2019	47.598.667.064	1.820.383.352.811	2,61
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	<i>Common Stocks (Rp)</i>	<i>Additional Paid-in Capital (Rp)</i>	<i>Market Value of Equity (Rp)</i>
2017	172.600.321.700	500.955.314.713	673.555.636.413
2018	172.600.321.700	500.955.314.713	673.555.636.413
2019	172.600.321.700	500.955.314.713	673.555.636.413
Tahun	<i>Market Value of Equity (Rp)</i>	<i>Book Value of Total Liabilities (Rp)</i>	<i>%</i>
2017	673.555.636.413	599.790.014.646	112,30
2018	673.555.636.413	730.789.419.438	92,17
2019	673.555.636.413	784.562.971.811	85,85
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	<i>Sales (Rp)</i>	<i>Total Assets (Rp)</i>	<i>%</i>
2017	1.841.487.199.828	1.623.027.475.045	113,46
2018	1.953.910.957.160	1.771.365.972.009	110,31
2019	2.104.704.872.583	1.820.383.352.811	115,62

SEKAR LAUT TBK (SKLT)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	267.129.479.669	211.493.160.519	55.636.319.150
2018	356.735.670.030	291.349.105.535	65.386.564.495
2019	378.352.247.338	293.281.364.781	85.070.882.557
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	55.636.319.150	636.284.210.210	8,74
2018	65.386.564.495	747.293.725.435	8,75
2019	85.070.882.557	790.845.543.826	10,76
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017	13.814.810.000	72.960.615.554	86.775.425.554
2018	13.814.810.000	104.782.340.970	118.597.150.970
2019	13.814.810.000	145.973.267.896	159.788.077.896
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	86.775.425.554	636.284.210.210	13,64
2018	118.597.150.970	747.293.725.435	15,87
2019	159.788.077.896	790.845.543.826	20,20
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	27.370.565.356	83.704.668	15.547.955.109
2018	39.567.679.343	110.972.360	17.548.989.760
2019	56.782.206.578	151.903.261	21.525.483.689
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	42.834.815.797	636.284.210.210	6,73
2018	57.005.696.743	747.293.725.435	7,63
2019	78.155.787.006	790.845.543.826	9,88
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	69.074.050.000	21.578.739.873	90.652.789.873
2018	69.074.050.000	21.578.739.873	90.652.789.873
2019	69.074.050.000	21.578.739.873	90.652.789.873
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	90.652.789.873	328.714.435.982	27,58
2018	90.652.789.873	408.057.718.435	22,22
2019	90.652.789.873	410.463.595.860	22,09
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	914.188.759.779	636.284.210.210	143,68
2018	1.045.029.834.378	747.293.725.435	139,84
2019	1.281.116.255.236	790.845.543.826	161,99

SIANTAR TOP TBK (STTP)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	940.212.374.995	358.963.437.494	581.248.937.501
2018	1.250.806.822.918	676.673.564.908	574.133.258.010
2019	1.165.406.301.686	408.490.550.651	756.915.751.035
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	581.248.937.501	2.342.432.443.196	24,81
2018	574.133.258.010	2.631.189.810.030	21,82
2019	756.915.751.035	2.881.563.083.954	26,27
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017		1.247.680.784.928	1.247.680.784.928t
2018		1.502.876.626.810	1.502.876.626.810
2019		1.985.498.393.789	1.985.498.393.789
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	1.247.680.784.928	2.342.432.443.196	53,26
2018	1.502.876.626.810	2.631.189.810.030	57,12
2019	1.985.498.393.789	2.881.563.083.954	68,90
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	288.545.819.603		71.977.480.135
2018	324.694.650.175		54.067.624.513
2019	607.043.293.422		30.727.064.628
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	360.523.299.738	2.342.432.443.196	15,39
2018	378.762.274.688	2.631.189.810.030	14,40
2019	637.770.358.050	2.881.563.083.954	22,13
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	131.000.000.000	1.347.146.100	132.347.146.100
2018	131.000.000.000	1.347.146.100	132.347.146.100
2019	131.000.000.000	1.347.146.100	132.347.146.100
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	132.347.146.100	957.660.374.836	13,82
2018	132.347.146.100	984.801.863.078	13,44
2019	132.347.146.100	733.556.075.974	18,04
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	2.825.409.180.889	2.342.432.443.196	120,62
2018	2.826.957.323.397	2.631.189.810.030	107,44
2019	3.512.509.168.853	2.881.563.083.954	121,90

TUNAS BARU LAMPUNG TBK (TBLA)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	4.878.222.000.000	4.637.980.000.000	240.242.000.000
2018	6.203.335.000.000	3.300.644.000.000	2.902.691.000.000
2019	6.551.760.000.000	4.027.369.000.000	2.524.391.000.000
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	240.242.000.000	14.354.225.000.000	1,67
2018	2.902.691.000.000	16.339.916.000.000	17,76
2019	2.524.391.000.000	17.363.003.000.000	14,54
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017	8.000.000.000	2.677.680.000.000	2.685.680.000.000
2018	8.500.000.000	3.192.096.000.000	3.200.596.000.000
2019	9.000.000.000	3.786.560.000.000	3.795.560.000.000
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	2.685.680.000.000	14.354.225.000.000	18,71
2018	3.200.596.000.000	16.339.916.000.000	19,59
2019	3.795.560.000.000	17.363.003.000.000	21,86
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	1.274.594.000.000	8.811.000.000	432.879.000.000
2018	1.043.045.000.000	4.070.000.000	676.514.000.000
2019	905.158.000.000	2.083.000.000	694.349.000.000
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	1.698.662.000.000	14.354.225.000.000	11,83
2018	1.715.489.000.000	16.339.916.000.000	10,50
2019	1.597.424.000.000	17.363.003.000.000	9,20
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	667.762.000.000	514.679.000.000	1.182.441.000.000
2018	667.762.000.000	514.679.000.000	1.182.441.000.000
2019	667.762.000.000	514.679.000.000	1.182.441.000.000
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	1.182.441.000.000	10.097.571.000.000	11,71
2018	1.182.441.000.000	11.556.300.000.000	10,23
2019	1.182.441.000.000	12.000.079.000.000	9,85
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	8.974.708.000.000	14.354.225.000.000	62,52
2018	8.614.889.000.000	16.339.916.000.000	52,72
2019	8.533.183.000.000	17.363.003.000.000	49,15

ULTRA JAYA MILK INDUSTRY & TRADING COMPANY TBK (ULTJ)

<i>Working Capital to Total Asset Ratio (X1)</i>			
Tahun	Current Assets (Rp)	Current Liabilities (Rp)	Working Capital (Rp)
2017	3.439.990.000.000	820.625.000.000	2.619.365.000.000
2018	2.793.521.000.000	635.161.000.000	2.158.360.000.000
2019	3.716.641.000.000	836.314.000.000	2.880.327.000.000
Tahun	Working Capital (Rp)	Total Assets (Rp)	%
2017	2.619.365.000.000	5.175.896.000.000	50,61
2018	2.158.360.000.000	5.555.871.000.000	38,85
2019	2.880.327.000.000	6.608.422.000.000	43,59
<i>Retained Earning to Total Asset Ratio (X2)</i>			
Tahun	Appropriated Retained Earnings (Rp)	Unappropriated Retained Earnings (Rp)	Retained Earnings (Rp)
2017	135.100.000.000	3.331.761.000.000	3.466.861.000.000
2018	135.100.000.000	3.914.010.000.000	4.049.110.000.000
2019	135.100.000.000	4.807.645.000.000	4.942.745.000.000
Tahun	Retained Earnings (Rp)	Total Assets (Rp)	%
2017	3.466.861.000.000	5.175.896.000.000	66,98
2018	4.049.110.000.000	5.555.871.000.000	72,88
2019	4.942.745.000.000	6.608.422.000.000	74,79
<i>Earning Before Interest and Taxes to Total Asset Ratio (X3)</i>			
Tahun	Total Profit (Loss) Before Tax (Rp)	Finance Income (Rp)	Finance Costs (Rp)
2017	1.035.192.000.000	70.510.000.000	1.497.000.000
2018	949.018.000.000	60.084.000.000	2.107.000.000
2019	1.375.359.000.000	105.655.000.000	1.661.000.000
Tahun	Earning Before Interest and Taxes (Rp)	Total Assets (Rp)	%
2017	966.179.000.000	5.175.896.000.000	18,67
2018	891.041.000.000	5.555.871.000.000	16,04
2019	1.271.365.000.000	6.608.422.000.000	19,24
<i>Market Value of Equity to Book Value of Total Liabilities Ratio (X4)</i>			
Tahun	Common Stocks (Rp)	Additional Paid-in Capital (Rp)	Market Value of Equity (Rp)
2017	577.676.000.000	51.251.000.000	628.927.000.000
2018	577.676.000.000	51.251.000.000	628.927.000.000
2019	577.676.000.000	51.251.000.000	628.927.000.000
Tahun	Market Value of Equity (Rp)	Book Value of Total Liabilities (Rp)	%
2017	628.927.000.000	978.185.000.000	64,30
2018	628.927.000.000	780.915.000.000	80,54
2019	628.927.000.000	953.283.000.000	65,97
<i>Sales to Total Asset Ratio (X5)</i>			
Tahun	Sales (Rp)	Total Assets (Rp)	%
2017	4.879.559.000.000	5.175.896.000.000	94,27
2018	5.472.882.000.000	5.555.871.000.000	98,51
2019	6.241.419.000.000	6.608.422.000.000	94,45