

LAMPIRAN

**LAMPIRAN 1 : HASIL KRITERIA SAMPEL 1
(PERUSAHAAN PERBANKAN YANG TERDAFTAR DI BEI SELAMA
PERIODE PENELITIAN TAHUN 2019 SAMPAI 2022)**

No	KODE	KRITERIA 1			
		2019	2020	2021	2022
1	AGRO	✓	✓	✓	✓
2	AGRS	✓	✓	✓	✓
3	AMAR	✓	✓	✓	✓
4	ARTO	✓	✓	✓	✓
5	BACA	✓	✓	✓	✓
6	BABP	✓	✓	✓	✓
7	BANK	✓	✓	✓	✓
8	BBCA	✓	✓	✓	✓
9	BBHI	✓	✓	✓	✓
10	BBKP	✓	✓	✓	✓
11	BBMD	✓	✓	✓	✓
12	BBNI	✓	✓	✓	✓
13	BBRI	✓	✓	✓	✓
14	BBSI	✓	✓	✓	✓
15	BBTN	✓	✓	✓	✓
16	BBYB	✓	✓	✓	✓
17	BCIC	✓	✓	✓	✓
18	BDMN	✓	✓	✓	✓
19	BEKS	✓	✓	✓	✓
20	BGTG	✓	✓	✓	✓
21	BINA	✓	✓	✓	✓
22	BJBR	✓	✓	✓	✓
23	BJTM	✓	✓	✓	✓
24	BKSW	✓	✓	✓	✓
25	BMAS	✓	✓	✓	✓
26	BMRI	✓	✓	✓	✓
27	BNBA	✓	✓	✓	✓
28	BNGA	✓	✓	✓	✓
29	BNII	✓	✓	✓	✓
30	BNLI	✓	✓	✓	✓
31	BRIS	✓	✓	✓	✓
32	BSIM	✓	✓	✓	✓
33	BSWD	✓	✓	✓	✓
34	BTPN	✓	✓	✓	✓

35	BTPS	✓	✓	✓	✓
36	BVIC	✓	✓	✓	✓
37	DNAR	✓	✓	✓	✓
38	INPC	✓	✓	✓	✓
39	MAYA	✓	✓	✓	✓
40	MCOR	✓	✓	✓	✓
41	MEGA	✓	✓	✓	✓
42	NISP	✓	✓	✓	✓
43	NOBU	✓	✓	✓	✓
44	PNBN	✓	✓	✓	✓
45	PNBS	✓	✓	✓	✓
46	SDRA	✓	✓	✓	✓
TOTAL EMITEN		46			

LAMPIRAN 2 : HASIL KRITERIA SAMPEL 2
(PERUSAHAAN SUB SEKTOR PERBANKAN YANG MEMILIKI DATA
LENGGAP YANG DIBUTUHKAN DALAM VARIABEL PENELITIAN
(KESELURUHAN DATA TERSEDIA LENGKAP SELAMA PERIODE
2019 SAMPAI 2022))

No	KODE	KRITERIA 3
		DATA LENGKAP
1	AGRO	✓
2	AGRS	× (<i>Dividen Kas</i>)
3	AMAR	× (<i>Dividen Kas</i>)
4	ARTO	× (<i>Dividen Kas</i>)
5	BACA	× (<i>Dividen Kas</i>)
6	BABP	× (<i>Dividen Kas</i>)
7	BANK	× (<i>Dividen Kas</i>)
8	BBCA	✓
9	BBHI	× (<i>Dividen Kas</i>)
10	BBKP	× (<i>Dividen Kas</i>)
11	BBMD	× (<i>Dividen Kas</i>)
12	BBNI	✓
13	BBRI	✓
14	BBSI	× (<i>Dividen Kas</i>)
15	BBTN	× (<i>Dividen Kas</i>)
16	BBYB	× (<i>Dividen Kas</i>)
17	BCIC	× (<i>Dividen Kas</i>)
18	BDMN	✓
19	BEKS	× (<i>Dividen Kas</i>)
20	BGTG	× (<i>Dividen Kas</i>)
21	BINA	× (<i>Dividen Kas</i>)
22	BJBR	✓
23	BJTM	✓
24	BKSW	× (<i>Dividen Kas</i>)
25	BMAS	× (<i>Dividen Kas</i>)
26	BMRI	✓
27	BNBA	✓
28	BNGA	✓
29	BNII	✓
30	BNLI	× (<i>Dividen Kas</i>)
31	BRIS	× (<i>Dividen Kas</i>)

32	BSIM	× (<i>Dividen Kas</i>)
33	BSWD	× (<i>Dividen Kas</i>)
34	BTPN	× (<i>Dividen Kas</i>)
35	BTPS	× (<i>Dividen Kas</i>)
36	BVIC	× (<i>Dividen Kas</i>)
37	DNAR	× (<i>Dividen Kas</i>)
38	INPC	× (<i>Dividen Kas</i>)
39	MAYA	× (<i>Dividen Kas</i>)
40	MCOR	× (<i>Dividen Kas</i>)
41	MEGA	✓
42	NISP	× (<i>Dividen Kas</i>)
43	NOBU	× (<i>Dividen Kas</i>)
44	PNBS	× (<i>Dividen Kas</i>)
45	PNBN	× (<i>Dividen Kas</i>)
46	SDRA	✓
TOTAL EMITEN		13

LAMPIRAN 4 : DAFTAR PERUSAHAAN YANG MENJADI SAMPEL

No	KODE	NAMA EMITEN
1	AGRO	PT Bank Raya Indonesia Tbk
2	BBCA	PT Bank Central Asia Tbk
3	BBNI	PT Bank Negara Indonesia (Persero) Tbk
4	BBRI	PT Bank Rakyat Indonesia (Persero) Tbk
5	BDMN	PT Bank Danamon Indonesia Tbk
6	BJBR	PT Bank Pembangunan Daerah Jawa Barat Tbk
7	BJTM	PT Bank Pembangunan Daerah Jawa Timur Tbk
8	BMRI	PT Bank Mandiri (Persero) Tbk
9	BNBA	PT Bank Bumi Arta Tbk
10	BNGA	PT Bank CIMB Niaga Tbk
11	BNII	PT Bank Maybank Indonesia Tbk
12	MEGA	Bank Mega Tbk
13	SDRA	PT Bank Woori Saudara Indonesia Tbk

LAMPIRAN 5 : HASIL PERHITUNGAN VALUE ADDED (VA) = (OUT-IN)

HASIL OUT (DIVIDEN SAHAM + LABA DITAHAN)

• **DIVIDEN SAHAM**

No	KODE	2019	2020	2021	2022
1	AGRO	Rp 94.309.000.000	Rp 80.837.000.000	Rp 887.281.000.000	Rp 163.599.000.000
2	BBCA	Rp 13.683.530.550.000	Rp 13.067.155.300.000	Rp 17.874.882.250.000	Rp 52.300.000.000.000
3	BBNI	Rp 3.753.779.670.451	Rp 3.846.119.011.149	Rp 820.100.820.494	Rp 2.724.629.398.182
4	BBRI	Rp 16.176.000.000.000	Rp 20.624.000.000.000	Rp 12.125.589.303.568	Rp 26.406.603.318.564
5	BDMN	Rp 1.372.800.000.000	Rp 1.883.100.000.000	Rp 352.700.000.000	Rp 550.600.000.000
6	BJBR	Rp 879.588.000.000	Rp 925.043.000.000	Rp 941.965.000.000	Rp 1.042.789.000.000
7	BJTM	Rp 1.260.308.411.500	Rp 1.376.505.140.913	Rp 733.507.081.305	Rp 782.457.605.053
8	BMRI	Rp 11.256.759.404.471	Rp 16.489.279.937.593	Rp 10.271.551.564.431	Rp 16.816.893.148.484
9	BNBA	Rp 25.410.000.000	Rp 13.283.000.000	Rp 9.240.000.000	Rp 11.781.000.000
10	BNGA	Rp 696.500.000.000	Rp 1.392.200.000.000	Rp 1.098.600.000.000	Rp 2.345.700.000.000
11	BNII	Rp 548.643.934.371	Rp 368.504.050.148	Rp 253.269.524.491	Rp 493.490.875.385
12	BTPN	Rp 799.650.000.000	Rp 1.001.350.000.000	Rp 2.100.000.000.000	Rp 2.800.000.000.000
13	MEGA	Rp 98.714.000.000	Rp 85.552.000.000	Rp 65.809.000.000	Rp 158.512.000.000
14	SDRA	Rp 94.309.000.000	Rp 80.837.000.000	Rp 887.281.000.000	Rp 163.599.000.000

• **LABA DITAHAN**

No	KODE	2019	2020	2021	2022
1	AGRO	Rp 493.139.354.000	Rp 203.558.800.000	-Rp 2.843.705.641.000	-Rp 2.832.245.136.000
2	BBCA	Rp 153.158.544.000.000	Rp 158.298.441.000.000	Rp 177.067.556.000.000	Rp 198.132.066.000.000
3	BBNI	Rp 79.685.093.000.000	Rp 64.202.289.000.000	Rp 75.471.792.000.000	Rp 91.281.328.000.000
4	BBRI	Rp 79.685.093.000.000	Rp 64.202.289.000.000	Rp 75.471.792.000.000	Rp 91.281.328.000.000
5	BDMN	Rp 30.405.170.000.000	Rp 28.213.350.000.000	Rp 29.752.357.000.000	Rp 32.486.064.000.000
6	BJBR	Rp 2.909.072.000.000	Rp 3.308.127.000.000	Rp 3.657.863.000.000	Rp 3.947.964.000.000
7	BJTM	Rp 1.376.505.000.000	Rp 1.488.962.000.000	Rp 1.523.070.000.000	Rp 1.542.824.000.000
8	BMRI	Rp 119.275.783.000.000	Rp 137.929.792.000.000	Rp 137.207.666.000.000	Rp 161.614.963.000.000
9	BNBA	Rp 598.932.244.086	Rp 577.262.010.229	Rp 628.930.195.977	Rp 662.660.491.749
10	BNGA	Rp 31.155.473.000.000	Rp 27.636.611.000.000	Rp 30.735.097.000.000	Rp 33.431.191.000.000
11	BNII	Rp 13.356.962.000.000	Rp 13.467.483.000.000	Rp 14.991.709.000.000	Rp 15.969.288.000.000
12	BTPN	Rp 6.344.570.967.980	Rp 8.331.573.605.728	Rp 10.473.226.000.000	Rp 5.272.162.000.000
13	MEGA	Rp 3.195.122.000.000	Rp 3.530.503.000.000	Rp 4.091.917.000.000	Rp 4.727.729.000.000
14	SDRA	Rp 493.139.354.000	Rp 203.558.800.000	-Rp 2.843.705.641.000	-Rp 2.832.245.136.000

- **TOTAL OUT**

No	KODE	2019	2020	2021	2022
1	AGRO	Rp 587.448.354.000	Rp 284.395.800.000	-Rp 1.956.424.641.000	-Rp 2.668.646.136.000
2	BBCA	Rp 166.842.074.550.000	Rp 171.365.596.300.000	Rp 194.942.438.250.000	Rp 250.432.066.000.000
3	BBNI	Rp 83.438.872.670.451	Rp 68.048.408.011.149	Rp 76.291.892.820.494	Rp 94.005.957.398.182
4	BBRI	Rp 95.861.093.000.000	Rp 84.826.289.000.000	Rp 87.597.381.303.568	Rp 117.687.931.318.564
5	BDMN	Rp 31.777.970.000.000	Rp 30.096.450.000.000	Rp 30.105.057.000.000	Rp 33.036.664.000.000
6	BJBR	Rp 3.788.660.000.000	Rp 4.233.170.000.000	Rp 4.599.828.000.000	Rp 4.990.753.000.000
7	BJTM	Rp 2.636.813.411.500	Rp 2.865.467.140.913	Rp 2.256.577.081.305	Rp 2.325.281.605.053
8	BMRI	Rp 130.532.542.404.471	Rp 154.419.071.937.593	Rp 147.479.217.564.431	Rp 178.431.856.148.484
9	BNBA	Rp 624.342.244.086	Rp 590.545.010.229	Rp 638.170.195.977	Rp 674.441.491.749
10	BNGA	Rp 31.851.973.000.000	Rp 29.028.811.000.000	Rp 31.833.697.000.000	Rp 35.776.891.000.000
11	BNII	Rp 13.905.605.934.371	Rp 13.835.987.050.148	Rp 15.244.978.524.491	Rp 16.462.778.875.385
12	BTPN	Rp 7.144.220.967.980	Rp 9.332.923.605.728	Rp 12.573.226.000.000	Rp 8.072.162.000.000
13	MEGA	Rp 3.293.836.000.000	Rp 3.616.055.000.000	Rp 4.157.726.000.000	Rp 4.886.241.000.000
14	SDRA	Rp 587.448.354.000	Rp 284.395.800.000	-Rp 1.956.424.641.000	-Rp 2.668.646.136.000

HASIL IN (BEBAN PENYUSUTAN + KOMPENSASI KARYAWAN + BEBAN BUNGA + PAJAK PERUSAHAAN)

- **BEBAN PENYUSUTAN**

No	KODE	2019	2020	2021	2022
1	AGRO	-Rp 6.968.437.000.000	-Rp 7.904.162.000.000	-Rp 8.776.501.000.000	-Rp 9.556.162.000.000
2	BBCA	-Rp 11.021.327.000.000	Rp 11.994.702.000.000	-Rp 8.939.074.000.000	-Rp 10.071.161.000.000
3	BBNI	-Rp 9.137.091.000.000	Rp 11.595.845.000.000	-Rp 12.951.582.000.000	-Rp 15.206.565.000.000
4	BBRI	-Rp 13.659.238.000.000	-Rp 11.876.990.000.000	-Rp 13.336.745.000.000	-Rp 14.582.523.000.000
5	BDMN	-Rp 2.985.116.000.000	-Rp 3.273.368.000.000	-Rp 3.387.470.000.000	-Rp 3.407.504.000.000
6	BJBR	-Rp 1.265.544.000.000	-Rp 1.555.254.000.000	-Rp 1.819.155.000.000	-Rp 2.119.791.000.000
7	BJTM	-Rp 572.026.000.000	-Rp 676.592.000.000	-Rp 825.010.000.000	-Rp 762.052.000.000
8	BMRI	-Rp 13.045.330.000.000	-Rp 15.278.070.000.000	-Rp 18.358.475.000.000	-Rp 21.429.332.000.000
9	BNBA	Rp 71.505.824.588	Rp 78.758.538.036	-Rp 64.261.549.140	-Rp 66.096.543.266
10	BNGA	-Rp 1.974.281.000.000	-Rp 2.437.644.000.000	-Rp 2.609.605.000.000	-Rp 2.638.721.000.000
11	BNII	-Rp 1.649.419.000.000	-Rp 988.104.000.000	-Rp 2.232.097.000.000	-Rp 2.387.662.000.000
12	BTPN	Rp 1.416.187.000.000	-Rp 1.682.622.000.000	-Rp 1.938.277.000.000	-Rp 1.632.305.000.000
13	MEGA	Rp 248.043.000.000	-Rp 303.950.000.000	-Rp 377.585.000.000	-Rp 459.049.000.000
14	SDRA	-Rp 6.968.437.000.000	-Rp 7.904.162.000.000	-Rp 8.776.501.000.000	-Rp 9.556.162.000.000

• **KOMPENSASI KARYAWAN (HC)**

No	KODE	2019	2020	2021	2022
1	AGRO	Rp 604.311.000.000	Rp 586.988.000.000	Rp 618.462.000.000	Rp 600.092.000.000
2	BBCA	Rp 13.337.264.000.000	Rp 13.349.775.000.000	Rp 13.487.127.000.000	Rp 13.651.458.000.000
3	BBNI	Rp 10.186.127.000.000	Rp 9.750.781.000.000	Rp 11.195.268.000.000	Rp 12.456.022.000.000
4	BBRI	Rp 26.319.791.000.000	Rp 24.243.276.000.000	Rp 38.047.126.000.000	Rp 39.390.133.000.000
5	BDMN	Rp 5.436.781.000.000	Rp 5.037.796.000.000	Rp 5.258.496.000.000	Rp 5.665.252.000.000
6	BJBR	Rp 2.024.828.000.000	Rp 2.639.268.000.000	Rp 2.922.119.000.000	Rp 3.242.167.000.000
7	BJTM	Rp 1.430.389.000.000	Rp 1.506.288.000.000	Rp 1.607.623.000.000	Rp 1.630.829.000.000
8	BMRI	Rp 17.221.046.000.000	Rp 17.770.433.000.000	Rp 22.677.112.000.000	Rp 24.642.746.000.000
9	BNBA	Rp 139.137.354.370	Rp 139.394.059.560	Rp 122.397.513.107	Rp 147.650.871.907
10	BNGA	Rp 4.623.722.000.000	Rp 4.270.770.000.000	Rp 4.481.677.000.000	Rp 4.675.107.000.000
11	BNII	Rp 2.570.918.000.000	Rp 2.536.357.000.000	Rp 2.548.967.000.000	Rp 2.753.694.000.000
12	BTPN	Rp 1.310.680.000.000	Rp 1.268.792.000.000	Rp 1.322.686.000.000	Rp 1.358.753.000.000
13	MEGA	Rp 239.430.000.000	Rp 260.648.000.000	Rp 267.326.000.000	Rp 271.945.000.000
14	SDRA	Rp 604.311.000.000	Rp 586.988.000.000	Rp 618.462.000.000	Rp 600.092.000.000

• **BEBAN BUNGA**

No	KODE	2019	2020	2021	2022
1	AGRO	-Rp 1.361.627.112.000	-Rp 1.306.889.194.000	-Rp 773.616.493.000	-Rp 369.534.506.000
2	BBCA	-Rp 13.360.347.000.000	-Rp 11.241.891.000.000	-Rp 9.491.401.000.000	-Rp 8.251.682.000.000
3	BBNI	-Rp 21.929.999.000.000	-Rp 19.020.905.000.000	-Rp 11.779.156.000.000	-Rp 13.337.989.000.000
4	BBRI	-Rp 40.048.971.000.000	-Rp 37.722.595.000.000	-Rp 29.428.900.000.000	-Rp 27.277.743.000.000
5	BDMN	-Rp 358.086.464.478	-Rp 326.616.871.157	-Rp 4.001.782.000.000	-Rp 3.273.140.000.000
6	BJBR	-Rp 60.089.224.000.000	-Rp 6.123.414.000.000	-Rp 5.313.916.000.000	-Rp 5.227.996.000.000
7	BJTM	-Rp 1.762.503.000.000	-Rp 1.970.638.000.000	-Rp 1.914.925.000.000	-Rp 1.910.679.000.000
8	BMRI	-Rp 32.084.902.000.000	-Rp 30.812.988.000.000	-Rp 24.686.592.000.000	-Rp 24.478.764.000.000
9	BNBA	-Rp 345.037.801.425	-Rp 346.829.023.353	-Rp 230.078.905.435	-Rp 179.884.201.799
10	BNGA	-Rp 9.121.468.000.000	-Rp 8.232.581.000.000	-Rp 5.774.091.000.000	-Rp 5.638.056.000.000
11	BNII	-Rp 7.311.894.000.000	-Rp 5.566.873.000.000	-Rp 3.612.756.000.000	-Rp 3.191.688.000.000
12	BTPN	-Rp 3.870.709.019.135	-Rp 4.132.837.700.709	-Rp 3.199.931.000.000	-Rp 3.269.215.000.000
13	MEGA	-Rp 1.325.908.000.000	-Rp 1.178.215.000.000	-Rp 952.774.000.000	-Rp 1.065.031.000.000
14	SDRA	-Rp 1.361.627.112.000	-Rp 1.306.889.194.000	-Rp 773.616.493.000	-Rp 369.534.506.000

• **PAJAK PERUSAHAAN**

No	KODE	2019	2020	2021	2022
1	AGRO	-Rp 23.136.567.000.000	-Rp 32.811.075.000.000	Rp 257.429.941.000.000	-Rp 104.725.575.000.000
2	BBCA	-Rp 7.719.024.000.000	-Rp 6.421.398.000.000	-Rp 7.401.015.000.000	-Rp 9.711.461.000.000
3	BBNI	-Rp 3.860.523.000.000	-Rp 1.790.711.000.000	-Rp 1.573.936.000.000	-Rp 4.204.928.000.000
4	BBRI	-Rp 3.860.523.000.000	-Rp 1.790.711.000.000	-Rp 1.573.936.000.000	-Rp 4.204.928.000.000
5	BDMN	-Rp 1.619.447.000.000	-Rp 978.134.000.000	-Rp 613.092.000.000	-Rp 975.000.000.000
6	BJBR	-Rp 413.470.000.000	-Rp 478.032.000.000	-Rp 568.928.000.000	-Rp 590.336.000.000
7	BJTM	Rp 3.308.127.000.000	Rp 2.909.072.000.000	Rp 3.657.863.000.000	Rp 3.947.964.000.000
8	BMRI	-Rp 7.985.848.000.000	-Rp 5.652.417.000.000	-Rp 7.807.324.000.000	-Rp 11.425.358.000.000
9	BNBA	-Rp 19.661.223.265	-Rp 18.418.925.020	-Rp 14.122.887.916	-Rp 11.426.769.268
10	BNGA	-Rp 1.310.962.000.000	-Rp 936.166.000.000	-Rp 1.092.494.000.000	-Rp 1.482.561.000.000
11	BNII	-Rp 674.914.000.000	-Rp 534.253.000.000	-Rp 501.734.000.000	-Rp 507.015.000.000
12	BTPN	-Rp 505.678.386.295	-Rp 706.742.587.044	-Rp 944.565.000.000	-Rp 975.392.000.000
13	MEGA	-Rp 173.075.000.000	-Rp 156.053.000.000	-Rp 191.482.000.000	-Rp 252.884.000.000
14	SDRA	-Rp 23.136.567.000.000	-Rp 32.811.075.000.000	Rp 257.429.941.000.000	-Rp 104.725.575.000.000

• **TOTAL IN**

No	KODE	2019	2020	2021	2022
1	AGRO	-Rp 30.862.320.112.000	-Rp 41.435.138.194.000	Rp 248.498.285.507.000	-Rp 114.051.179.506.000
2	BBCA	-Rp 18.763.434.000.000	Rp 7.681.188.000.000	-Rp 12.344.363.000.000	-Rp 14.382.846.000.000
3	BBNI	-Rp 24.741.486.000.000	Rp 535.010.000.000	-Rp 15.109.406.000.000	-Rp 20.293.460.000.000
4	BBRI	-Rp 31.248.941.000.000	-Rp 27.147.020.000.000	-Rp 6.292.455.000.000	-Rp 6.675.061.000.000
5	BDMN	Rp 474.131.535.522	Rp 459.677.128.843	-Rp 2.743.848.000.000	-Rp 1.990.392.000.000
6	BJBR	-Rp 59.743.410.000.000	-Rp 5.517.432.000.000	-Rp 4.779.880.000.000	-Rp 4.695.956.000.000
7	BJTM	Rp 2.403.987.000.000	Rp 1.768.130.000.000	Rp 2.525.551.000.000	Rp 2.906.062.000.000
8	BMRI	-Rp 35.895.034.000.000	-Rp 33.973.042.000.000	-Rp 28.175.279.000.000	-Rp 32.690.708.000.000
9	BNBA	-Rp 154.055.845.732	-Rp 147.095.350.777	-Rp 186.065.829.384	-Rp 109.756.642.426
10	BNGA	-Rp 7.782.989.000.000	-Rp 7.335.621.000.000	-Rp 4.994.513.000.000	-Rp 5.084.231.000.000
11	BNII	-Rp 7.065.309.000.000	-Rp 4.552.873.000.000	-Rp 3.797.620.000.000	-Rp 3.332.671.000.000
12	BTPN	-Rp 7.235.302.000.000	-Rp 5.720.220.000.000	-Rp 4.134.664.000.000	-Rp 30.937.877.000.000
13	MEGA	-Rp 1.649.520.405.430	-Rp 5.253.410.287.753	-Rp 4.760.087.000.000	-Rp 4.518.159.000.000
14	SDRA	-Rp 1.011.510.000.000	-Rp 1.377.570.000.000	-Rp 1.254.515.000.000	-Rp 1.505.019.000.000

• **HASIL VA (TOTAL OUT – TOAL IN)**

No	KODE	2019	2020	2021	2022
1	AGRO	Rp 31.449.768.466.000	Rp 41.719.533.994.000	-Rp 250.454.710.148.000	Rp 111.382.533.370.000
2	BBCA	Rp 185.605.508.550.000	Rp 163.684.408.300.000	Rp 207.286.801.250.000	Rp 264.814.912.000.000
3	BBNI	Rp 108.180.358.670.451	Rp 67.513.398.011.149	Rp 91.401.298.820.494	Rp 114.299.417.398.182
4	BBRI	Rp 127.110.034.000.000	Rp 111.973.309.000.000	Rp 93.889.836.303.568	Rp 124.362.992.318.564
5	BDMN	Rp 30.076.908.464.478	Rp 27.941.222.871.157	Rp 32.848.869.900.000	Rp 35.027.045.550.000
6	BJBR	Rp 63.532.070.000.000	Rp 9.750.602.000.000	Rp 9.379.708.000.000	Rp 9.686.709.000.000
7	BJTM	Rp 232.826.411.500	Rp 1.097.337.140.913	-Rp 268.973.918.695	-Rp 580.780.394.947
8	BMRI	Rp 166.427.576.404.471	Rp 188.392.113.937.593	Rp 175.654.496.564.431	Rp 211.122.564.148.484
9	BNBA	Rp 778.398.089.818	Rp 737.640.361.006	Rp 824.236.025.361	Rp 784.198.134.175
10	BNGA	Rp 39.634.962.000.000	Rp 36.364.432.000.000	Rp 36.828.210.000.000	Rp 40.861.122.000.000
11	BNII	Rp 20.970.914.934.371	Rp 18.388.860.050.148	Rp 19.042.598.524.491	Rp 19.795.449.875.385
12	BTPN	Rp 24.966.233.000.000	Rp 24.669.713.000.000	Rp 25.722.681.000.000	Rp 55.640.193.000.000
13	MEGA	Rp 8.793.741.373.410	Rp 14.586.333.893.481	Rp 17.333.313.000.000	Rp 12.590.321.000.000
14	SDRA	Rp 4.305.346.000.000	Rp 4.993.625.000.000	Rp 5.412.241.000.000	Rp 6.391.260.000.000

**LAMPIRAN 6 : HASIL PERHITUNGAN *HUMAN CAPITAL EFFICIENCY*
(HCE) = (VA/HC)**

• **HASIL HCE**

No	KODE	2019	2020	2021	2022	RATA-RATA
1	AGRO	52,0424	71,0739	-404,9638	185,6091	-24,0596
2	BBCA	13,9163	12,2612	15,3692	19,3983	15,2363
3	BBNI	10,6204	6,9239	8,1643	9,1762	8,7212
4	BBRI	4,8294	4,6187	2,4677	3,1572	3,7683
5	BDMN	5,7578	5,8829	6,2468	6,1828	6,0176
6	BJBR	31,3765	3,6944	3,2099	2,9877	10,3171
7	BJTM	0,1628	0,7285	-0,1673	-0,3561	0,0920
8	BMRI	9,6642	10,6014	7,7459	8,5673	9,1447
9	BNBA	5,5945	5,2918	6,7341	5,3112	5,7329
10	BNGA	8,5721	8,5147	8,2175	8,7401	8,5111
11	BNII	8,1570	7,2501	7,4707	7,1887	7,5166
12	MEGA	6,7093	11,4962	13,1046	9,2661	10,1441
13	SDRA	17,9816	19,1585	20,2458	23,5020	20,2220

LAMPIRAN 7 : HASIL PERHITUNGAN *STRUCTURAL CAPITAL EFFICIENCY* (SCE) = ((VA/HC) / VA)

HASIL SCE

No	KODE	2019	2020	2021	2022	RATA-RATA
1	AGRO	0,9808	0,9859	1,0025	0,9946	0,9909
2	BBCA	0,9281	0,9184	0,9349	0,9484	0,9325
3	BBNI	0,9058	0,8556	0,8775	0,8910	0,8825
4	BBRI	0,7929	0,7835	0,5948	0,6833	0,7136
5	BDMN	0,8192	0,8197	0,8399	0,8383	0,8336
6	BJBR	0,9681	0,7293	0,6885	0,6653	0,7628
7	BJTM	-5,1436	-0,3727	6,9769	3,8080	1,3172
8	BMRI	0,8965	0,9057	0,8709	0,8833	0,8891
9	BNBA	0,8213	0,8110	0,8515	0,8117	0,8239
10	BNGA	0,8833	0,8826	0,8783	0,8856	0,8824
11	BNII	0,8774	0,8621	0,8661	0,8609	0,8666
12	MEGA	0,8510	0,9130	0,9237	0,8921	0,8949
13	SDRA	0,9444	0,9478	0,9506	0,9575	0,9501

LAMPIRAN 8 : HASIL PERHITUNGAN *RELATIONAL CAPITAL EFFICIENCY* (RCE) = (RC/VA)

• HASIL RC (BIAYA PEMASARAN / IKLAN / PROMOSI / SEJENISNYA)

No	KODE	2019	2020	2021	2022
1	AGRO	Rp 167.067.000.000	Rp 255.530.000.000	Rp 330.904.000.000	Rp 546.531.000.000
2	BBCA	Rp 1.420.339.000.000	Rp 1.091.233.000.000	Rp 964.487.000.000	Rp 1.318.563.000.000
3	BBNI	Rp 1.312.056.000.000	Rp 1.030.410.000.000	Rp 887.320.000.000	Rp 1.075.832.000.000
4	BBRI	Rp 2.017.960.000.000	Rp 1.846.027.000.000	Rp 1.572.735.000.000	Rp 1.845.752.000.000
5	BDMN	Rp 112.501.000.000	Rp 106.938.000.000	Rp 564.654.000.000	Rp 926.391.000.000
6	BJBR	Rp 327.166.000.000	Rp 358.608.000.000	Rp 378.497.000.000	Rp 423.031.000.000
7	BJTM	Rp 35.889.000.000	Rp 30.595.000.000	Rp 23.227.000.000	Rp 49.292.000.000
8	BMRI	Rp 1.135.295.000.000	Rp 1.302.175.000.000	Rp 1.437.972.000.000	Rp 2.077.000.000.000
9	BNBA	Rp 498.627.651	Rp 380.501.296	Rp 363.031.775	Rp 473.070.965
10	BNGA	Rp 313.837.000.000	Rp 234.239.000.000	Rp 283.745.000.000	Rp 333.202.000.000
11	BNII	Rp 101.998.000.000	Rp 71.913.000.000	Rp 96.492.000.000	Rp 166.741.000.000
12	MEGA	Rp 94.961.000.000	Rp 118.334.000.000	Rp 123.312.000.000	Rp 149.799.000.000
13	SDRA	Rp 10.707.000.000	Rp 13.475.000.000	Rp 14.413.000.000	Rp 17.983.000.000

• HASIL RCE

No	KODE	2019	2020	2021	2022	RATA-RATA
1	AGRO	0,0053	0,0061	-0,0013	0,0049	0,0038
2	BBCA	0,0077	0,0067	0,0047	0,0050	0,0060
3	BBNI	0,0121	0,0153	0,0097	0,0094	0,0116
4	BBRI	0,0159	0,0165	0,0168	0,0148	0,0160
5	BDMN	0,0037	0,0038	0,0172	0,0264	0,0127
6	BJBR	0,0051	0,0368	0,0404	0,0437	0,0315
7	BJTM	0,1541	0,0279	-0,0864	-0,0849	0,0027
8	BMRI	0,0068	0,0069	0,0082	0,0098	0,0079
9	BNBA	0,0006	0,0005	0,0004	0,0006	0,0006
10	BNGA	0,0079	0,0064	0,0077	0,0082	0,0076
11	BNII	0,0049	0,0039	0,0051	0,0084	0,0056
12	MEGA	0,0108	0,0081	0,0071	0,0119	0,0095
13	SDRA	0,0025	0,0027	0,0027	0,0028	0,0027

**LAMPIRAN 9 : PERHITUNGAN CAPITAL EMPLOYED EFFICIENCY
(CEE) = (VA/CE)**

• **TOTAL EKUITAS**

No	KODE	2019	2020	2021	2022
1	AGRO	Rp 18.978.527.000.000	Rp 19.247.794.000.000	Rp 2.457.663.179.000	Rp 3.389.087.282.000
2	BBCA	Rp 174.143.156.000.000	Rp 184.714.709.000.000	Rp 202.848.934.000.000	Rp 221.181.655.000.000
3	BBNI	Rp 125.003.948.000.000	Rp 112.872.199.000.000	Rp 126.519.977.000.000	Rp 140.197.662.000.000
4	BBRI	Rp 208.784.336.000.000	Rp 199.911.376.000.000	Rp 291.786.804.000.000	Rp 303.395.317.000.000
5	BDMN	Rp 45.417.027.000.000	Rp 43.575.499.000.000	Rp 45.197.354.000.000	Rp 47.478.482.000.000
6	BJBR	Rp 12.042.629.000.000	Rp 12.005.800.000.000	Rp 13.084.033.000.000	Rp 14.745.986.000.000
7	BJTM	Rp 9.021.558.000.000	Rp 10.004.948.000.000	Rp 10.910.539.000.000	Rp 11.445.861.000.000
8	BMRI	Rp 209.034.525.000.000	Rp 193.796.083.000.000	Rp 222.111.282.000.000	Rp 252.245.455.000.000
9	BNBA	Rp 1.523.655.563.503	Rp 1.509.386.122.943	Rp 2.241.620.884.921	Rp 3.076.773.997.530
10	BNGA	Rp 43.294.166.000.000	Rp 41.053.051.000.000	Rp 43.388.358.000.000	Rp 45.276.263.000.000
11	BNII	Rp 26.684.916.000.000	Rp 27.223.630.000.000	Rp 28.886.439.000.000	Rp 29.533.950.000.000
12	BTPN	Rp 15.541.437.632.534	Rp 18.208.149.764.302	Rp 19.144.464.000.000	Rp 20.633.680.000.000
13	MEGA	Rp 6.935.590.000.000	Rp 7.270.971.000.000	Rp 9.257.191.000.000	Rp 9.930.753.000.000
14	SDRA	Rp 18.978.527.000.000	Rp 19.247.794.000.000	Rp 2.457.663.179.000	Rp 3.389.087.282.000

• **LABA BERSIH**

No	KODE	2019	2020	2021	2022
1	AGRO	Rp 51.061.421.000	Rp 31.260.682.000	Rp 3.045.701.407.000	Rp 11.460.505.000
2	BBCA	Rp 28.569.974.000.000	Rp 27.147.109.000.000	Rp 31.440.159.000.000	Rp 40.755.572.000.000
3	BBNI	Rp 15.508.583.000.000	Rp 3.321.442.000.000	Rp 10.977.051.000.000	Rp 18.481.780.000.000
4	BBRI	Rp 34.413.825.000.000	Rp 18.660.393.000.000	Rp 30.755.766.000.000	Rp 51.408.207.000.000
5	BDMN	Rp 4.240.671.000.000	Rp 1.088.942.000.000	Rp 1.667.687.000.000	Rp 3.429.634.000.000
6	BJBR	Rp 1.564.492.000.000	Rp 1.689.996.000.000	Rp 2.018.654.000.000	Rp 2.245.282.000.000
7	BJTM	Rp 1.376.505.000.000	Rp 1.488.962.000.000	Rp 1.523.070.000.000	Rp 1.542.824.000.000
8	BMRI	Rp 28.455.592.000.000	Rp 17.645.624.000.000	Rp 30.551.097.000.000	Rp 44.952.368.000.000
9	BNBA	Rp 51.167.901.115	Rp 35.053.333.152	Rp 42.675.045.867	Rp 38.939.042.725
10	BNGA	Rp 3.642.935.000.000	Rp 2.011.254.000.000	Rp 4.098.604.000.000	Rp 5.096.771.000.000
11	BNII	Rp 1.924.180.000.000	Rp 1.284.392.000.000	Rp 1.700.928.000.000	Rp 1.533.211.000.000
12	BTPN	Rp 2.002.732.787.110	Rp 3.008.311.307.204	Rp 4.008.051.000.000	Rp 4.052.678.000.000
13	MEGA	Rp 49.979.000.000	Rp 536.001.000.000	Rp 629.168.000.000	Rp 860.571.000.000
14	SDRA	Rp 51.061.421.000	Rp 31.260.682.000	Rp 3.045.701.407.000	Rp 11.460.505.000

• **HASIL CE (TOTAL EKUITAS + LABA BERSIH)**

No	KODE	2019	2020	2021	2022
1	AGRO	Rp 19.029.588.421.000	Rp 19.279.054.682.000	Rp 5.503.364.586.000	Rp 3.400.547.787.000
2	BBCA	Rp 202.713.130.000.000	Rp 211.861.818.000.000	Rp 234.289.093.000.000	Rp 261.937.227.000.000
3	BBNI	Rp 140.512.531.000.000	Rp 116.193.641.000.000	Rp 137.497.028.000.000	Rp 158.679.442.000.000
4	BBRI	Rp 243.198.161.000.000	Rp 218.571.769.000.000	Rp 322.542.570.000.000	Rp 354.803.524.000.000
5	BDMN	Rp 49.657.698.000.000	Rp 44.664.441.000.000	Rp 46.865.041.000.000	Rp 50.908.116.000.000
6	BJBR	Rp 13.607.121.000.000	Rp 13.695.796.000.000	Rp 15.102.687.000.000	Rp 16.991.268.000.000
7	BJTM	Rp 10.398.063.000.000	Rp 11.493.910.000.000	Rp 12.433.609.000.000	Rp 12.988.685.000.000
8	BMRI	Rp 237.490.117.000.000	Rp 211.441.707.000.000	Rp 252.662.379.000.000	Rp 297.197.823.000.000
9	BNBA	Rp 1.574.823.464.618	Rp 1.544.439.456.095	Rp 2.284.295.930.788	Rp 3.115.713.040.255
10	BNGA	Rp 46.937.101.000.000	Rp 43.064.305.000.000	Rp 47.486.962.000.000	Rp 50.373.034.000.000
11	BNII	Rp 28.609.096.000.000	Rp 28.508.022.000.000	Rp 30.587.367.000.000	Rp 31.067.161.000.000
12	BTPN	Rp 33.474.660.787.110	Rp 35.973.064.307.204	Rp 40.086.978.000.000	Rp 43.465.702.000.000
13	MEGA	Rp 18.533.855.632.534	Rp 20.213.826.764.302	Rp 22.248.679.000.000	Rp 24.263.244.000.000
14	SDRA	Rp 6.985.569.000.000	Rp 7.806.972.000.000	Rp 9.886.359.000.000	Rp 10.791.324.000.000

HASIL CEE

No	KODE	2019	2020	2021	2022	RATA-RATA
1	AGRO	1,6527	2,1640	-45,5094	32,7543	-2,2346
2	BBCA	0,9156	0,7726	0,8847	1,0110	0,8960
3	BBNI	0,7699	0,5810	0,6648	0,7203	0,6840
4	BBRI	0,5227	0,5123	0,2911	0,3505	0,4191
5	BDMN	0,6304	0,6635	0,7009	0,6880	0,6707
6	BJBR	4,6690	0,7119	0,6211	0,5701	1,6430
7	BJTM	0,0224	0,0955	-0,0216	-0,0447	0,0129
8	BMRI	0,7008	0,8910	0,6952	0,7104	0,7493
9	BNBA	0,4943	0,4776	0,3608	0,2517	0,3961
10	BNGA	0,8444	0,8444	0,7755	0,8112	0,8189
11	BNII	0,7330	0,6450	0,6226	0,6372	0,6595
12	MEGA	0,5012	0,6875	0,7487	0,5100	0,6119
13	SDRA	0,6163	0,6396	0,5474	0,5923	0,5989

**LAMPIRAN 10 : PERHITUNGAN *MODIFIED VALUE ADDED*
INTELLECTUAL COEFFICIENCY (MVAIC) = (HCE + SCE + RCE + CEE)**

HASIL MVAIC

No	KODE	2019	2020	2021	2022	RATA-RATA
1	AGRO	54,67582	74,22383	-449,47069	219,35800	-25,3033
2	BBCA	15,76006	13,95225	17,18892	21,35772	17,0647
3	BBNI	12,29610	8,36051	9,70655	10,78758	10,2877
4	BBRI	6,14504	5,91452	3,35359	4,19099	4,9010
5	BDMN	7,21450	7,37644	7,78767	7,70909	7,5219
6	BJBR	37,01369	5,13570	4,51943	4,22312	12,7230
7	BJTM	-4,95842	0,45130	6,78793	3,40716	1,4220
8	BMRI	11,26150	12,39810	9,31201	10,16099	10,7831
9	BNBA	6,90999	6,58040	7,94642	6,37457	6,9528
10	BNGA	10,29986	10,24170	9,87136	10,43690	10,2125
11	BNII	9,76740	8,75722	8,95942	8,68676	9,0427
12	MEGA	8,06148	13,09675	14,77698	10,66818	11,6508
13	SDRA	19,54236	20,74594	21,74390	25,05174	21,7710

LAMPIRAN 11 : HASIL PERHITUNGAN *RETURN ON ASSETS* (ROA)

RUMUS ROA ((LABA BERSIH / TOTAL ASET) X 100%)

No	KODE	TAHUN	LABA BERSIH	TOTAL ASET	ROA
1	AGRO	2019	Rp 51.061.421.000	Rp 26.974.124.000.000	0,19%
		2020	Rp 31.260.682.000	Rp 27.781.231.000.000	0,11%
		2021	Rp 3.045.701.407.000	Rp 16.866.522.655.000	18,06%
		2022	Rp 11.460.505.000	Rp 13.898.775.065.000	0,08%
2	BBCA	2019	Rp 28.569.974.000.000	Rp 918.989.312.000.000	3,11%
		2020	Rp 27.147.109.000.000	Rp 1.075.570.256.000.000	2,52%
		2021	Rp 31.440.159.000.000	Rp 1.228.344.680.000.000	2,56%
		2022	Rp 40.755.572.000.000	Rp 1.314.731.674.000.000	3,10%
3	BBNI	2019	Rp 15.508.583.000.000	Rp 845.605.208.000.000	1,83 %
		2020	Rp 3.321.442.000.000	Rp 891.337.425.000.000	0,37%
		2021	Rp 10.977.051.000.000	Rp 964.837.692.000.000	1,14%
		2022	Rp 18.481.780.000.000	Rp 1.029.836.868.000.000	1,79%
4	BBRI	2019	Rp 34.413.825.000.000	Rp 1.416.758.840.000.000	2,43%
		2020	Rp 18.660.393.000.000	Rp 1.511.804.628.000.000	1,23%
		2021	Rp 30.755.766.000.000	Rp 1.678.097.734.000.000	1,83%
		2022	Rp 51.408.207.000.000	Rp 1.865.639.010.000.000	2,76%
5	BDMN	2019	Rp 4.240.671.000.000	Rp 193.533.970.000.000	2,19%
		2020	Rp 1.088.942.000.000	Rp 200.890.068.000.000	0,54%
		2021	Rp 1.667.687.000.000	Rp 192.207.461.000.000	0,87%
		2022	Rp 3.429.634.000.000	Rp 197.729.688.000.000	1,73%
6	BJBR	2019	Rp 1.564.492.000.000	Rp 123.536.474.000.000	1,27%
		2020	Rp 1.689.996.000.000	Rp 140.934.002.000.000	1,20%
		2021	Rp 2.018.654.000.000	Rp 158.356.097.000.000	1,27%
		2022	Rp 2.245.282.000.000	Rp 181.241.291.000.000	1,24%
7	BJTM	2019	Rp 1.376.505.000.000	Rp 76.756.313.000.000	1,79%
		2020	Rp 1.488.962.000.000	Rp 83.619.451.000.000	1,78%
		2021	Rp 1.523.070.000.000	Rp 100.723.330.000.000	1,51%
		2022	Rp 1.542.824.000.000	Rp 103.031.367.000.000	1,50%
8	BMRI	2019	Rp 28.455.592.000.000	Rp 1.318.246.335.000.000	2,16%
		2020	Rp 17.645.624.000.000	Rp 1.429.334.484.000.000	1,23%
		2021	Rp 30.551.097.000.000	Rp 1.725.611.128.000.000	1,77%
		2022	Rp 44.952.368.000.000	Rp 1.992.544.687.000.000	2,26%
9	BNBA	2019	Rp 51.167.901.115	Rp 7.607.653.715.376	0,67%
		2020	Rp 35.053.333.152	Rp 7.637.524.325.854	0,46%

		2021	Rp 42.675.045.867	Rp 8.664.310.151.340	0,49%
		2022	Rp 38.939.042.725	Rp 8.211.291.790.399	0,47%
10	BNGA	2019	Rp 3.642.935.000.000	Rp 274.467.227.000.000	1,33%
		2020	Rp 2.011.254.000.000	Rp 280.943.605.000.000	0,72%
		2021	Rp 4.098.604.000.000	Rp 310.786.960.000.000	1,32%
		2022	Rp 5.096.771.000.000	Rp 306.754.299.000.000	1,66%
11	BNII	2019	Rp 1.924.180.000.000	Rp 169.082.830.000.000	1,14%
		2020	Rp 1.284.392.000.000	Rp 173.224.412.000.000	0,74%
		2021	Rp 1.700.928.000.000	Rp 168.712.977.000.000	1,01%
		2022	Rp 1.533.211.000.000	Rp 160.813.918.000.000	0,95%
12	MEGA	2019	Rp 2.002.732.787.110	Rp 100.803.830.893.516	2,97%
		2020	Rp 3.008.311.307.204	Rp 112.202.652.793.222	1,79%
		2021	Rp 4.008.051.000.000	Rp 132.879.390.000.000	2,34%
		2022	Rp 4.052.678.000.000	Rp 141.750.449.000.000	2,56%
13	SDRA	2019	Rp 49.979.000.000	Rp 36.940.436.000.000	0,14%
		2020	Rp 536.001.000.000	Rp 38.053.939.000.000	1,41%
		2021	Rp 629.168.000.000	Rp 43.801.571.000.000	1,44%
		2022	Rp 860.571.000.000	Rp 51.499.424.000.000	1,67%

HASIL ROA

No	KODE	ROA (%)				
		2019	2020	2021	2022	RATA-RATA
1	AGRO	0,19	0,11	18,06	0,08	4,61
2	BBCA	3,11	2,52	2,56	3,10	2,82
3	BBNI	1,83	0,37	1,14	1,79	1,28
4	BBRI	2,43	1,23	1,83	2,76	2,06
5	BDMN	2,19	0,54	0,87	1,73	1,33
6	BJBR	1,27	1,20	1,27	1,24	1,24
7	BJTM	1,79	1,78	1,51	1,50	1,65
8	BMRI	2,16	1,23	1,77	2,26	1,85
9	BNBA	0,67	0,46	0,49	0,47	0,52
10	BNGA	1,33	0,72	1,32	1,66	1,26
11	BNII	1,14	0,74	1,01	0,95	0,96
12	MEGA	1,99	2,68	3,02	2,86	2,64
13	SDRA	0,14	1,41	1,44	1,67	1,16

LAMPIRAN 12 : HASIL PERHITUNGAN RETURN ON EQUITY (ROE)

RUMUS ROE ((LABA BERSIH / TOTAL EKUITAS) X 100%)

No	KODE	TAHUN	LABA BERSIH	TOTAL EKUITAS	ROE
1	AGRO	2019	Rp 51.061.421.000	Rp 18.978.527.000.000	0,27%
		2020	Rp 31.260.682.000	Rp 19.247.794.000.000	0,16%
		2021	Rp 3.045.701.407.000	Rp 2.457.663.179.000	123,93%
		2022	Rp 11.460.505.000	Rp 3.389.087.282.000	0,34%
2	BBCA	2019	Rp 28.569.974.000.000	Rp 174.143.156.000.000	16,41%
		2020	Rp 27.147.109.000.000	Rp 184.714.709.000.000	14,70%
		2021	Rp 31.440.159.000.000	Rp 202.848.934.000.000	15,50%
		2022	Rp 40.755.572.000.000	Rp 221.181.655.000.000	18,43%
3	BBNI	2019	Rp 15.508.583.000.000	Rp 125.003.948.000.000	12,41%
		2020	Rp 3.321.442.000.000	Rp 112.872.199.000.000	2,94%
		2021	Rp 10.977.051.000.000	Rp 126.519.977.000.000	8,68%
		2022	Rp 18.481.780.000.000	Rp 140.197.662.000.000	13,18%
4	BBRI	2019	Rp 34.413.825.000.000	Rp 208.784.336.000.000	16,48%
		2020	Rp 18.660.393.000.000	Rp 199.911.376.000.000	9,33%
		2021	Rp 30.755.766.000.000	Rp 291.786.804.000.000	10,54%
		2022	Rp 51.408.207.000.000	Rp 303.395.317.000.000	16,94%
5	BDMN	2019	Rp 4.240.671.000.000	Rp 45.417.027.000.000	9,34%
		2020	Rp 1.088.942.000.000	Rp 43.575.499.000.000	2,50%
		2021	Rp 1.667.687.000.000	Rp 45.197.354.000.000	3,69%
		2022	Rp 3.429.634.000.000	Rp 47.478.482.000.000	7,22%
6	BJBR	2019	Rp 1.564.492.000.000	Rp 12.042.629.000.000	12,99%
		2020	Rp 1.689.996.000.000	Rp 12.005.800.000.000	14,08%
		2021	Rp 2.018.654.000.000	Rp 13.084.033.000.000	15,43%
		2022	Rp 2.245.282.000.000	Rp 14.745.986.000.000	15,23%
7	BJTM	2019	Rp 1.376.505.000.000	Rp 9.021.558.000.000	15,26%
		2020	Rp 1.488.962.000.000	Rp 10.004.948.000.000	14,88%
		2021	Rp 1.523.070.000.000	Rp 10.910.539.000.000	13,96%
		2022	Rp 1.542.824.000.000	Rp 11.445.861.000.000	13,48%
8	BMRI	2019	Rp 28.455.592.000.000	Rp 209.034.525.000.000	13,61%
		2020	Rp 17.645.624.000.000	Rp 193.796.083.000.000	9,11%
		2021	Rp 30.551.097.000.000	Rp 222.111.282.000.000	13,75%
		2022	Rp 44.952.368.000.000	Rp 252.245.455.000.000	17,82%
9	BNBA	2019	Rp 51.167.901.115	Rp 1.523.655.563.503	3,36%
		2020	Rp 35.053.333.152	Rp 1.509.386.122.943	2,32%

		2021	Rp 42.675.045.867	Rp 2.241.620.884.921	1,90%
		2022	Rp 38.939.042.725	Rp 3.076.773.997.530	1,27%
10	BNGA	2019	Rp 3.642.935.000.000	Rp 43.294.166.000.000	8,41%
		2020	Rp 2.011.254.000.000	Rp 41.053.051.000.000	4,90%
		2021	Rp 4.098.604.000.000	Rp 43.388.358.000.000	9,45%
		2022	Rp 5.096.771.000.000	Rp 45.276.263.000.000	11,26%
11	BNII	2019	Rp 1.924.180.000.000	Rp 26.684.916.000.000	7,21%
		2020	Rp 1.284.392.000.000	Rp 27.223.630.000.000	4,72%
		2021	Rp 1.700.928.000.000	Rp 28.886.439.000.000	5,89%
		2022	Rp 1.533.211.000.000	Rp 29.533.950.000.000	5,19%
12	MEGA	2019	Rp 2.002.732.787.110	Rp 15.541.437.632.534	19,25%
		2020	Rp 3.008.311.307.204	Rp 18.208.149.764.302	11,02%
		2021	Rp 4.008.051.000.000	Rp 19.144.464.000.000	16,21%
		2022	Rp 4.052.678.000.000	Rp 20.633.680.000.000	17,59%
13	SDRA	2019	Rp 49.979.000.000	Rp 6.935.590.000.000	0,72%
		2020	Rp 536.001.000.000	Rp 7.270.971.000.000	7,37%
		2021	Rp 629.168.000.000	Rp 9.257.191.000.000	6,80%
		2022	Rp 860.571.000.000	Rp 9.930.753.000.000	8,67%

HASIL ROE

No	KODE	ROE (%)				
		2019	2020	2021	2022	RATA-RATA
1	AGRO	0,27	0,16	123,93	0,34	31,17
2	BBCA	16,41	14,70	15,50	18,43	16,26
3	BBNI	12,41	2,94	8,68	13,18	9,30
4	BBRI	16,48	9,33	10,54	16,94	13,33
5	BDMN	9,34	2,50	3,69	7,22	5,69
6	BJBR	12,99	14,08	15,43	15,23	14,43
7	BJTM	15,26	14,88	13,96	13,48	14,39
8	BMRI	13,61	9,11	13,75	17,82	13,57
9	BNBA	3,36	2,32	1,90	1,27	2,21
10	BNGA	8,41	4,90	9,45	11,26	8,50
11	BNII	7,21	4,72	5,89	5,19	5,75
12	MEGA	12,89	16,52	20,94	19,64	17,50
13	SDRA	0,72	7,37	6,80	8,67	5,89

**LAMPIRAN 13 : HASIL PERHITUNGAN *TOTAL ASSETS TURN OVER*
(TATO)**

RUMUS TATO ((PENDAPATAN / TOTAL ASET) X 100%)

No	KODE	TAHUN	PENDAPATAN	TOTAL ASET	TATO
1	AGRO	2019	Rp 17.453.000.000	Rp 26.974.124.000.000	0,06%
		2020	Rp 18.807.043.000.000	Rp 27.781.231.000.000	67,70%
		2021	Rp 24.322.000.000.000	Rp 16.866.522.655.000	144,20%
		2022	Rp 21.829.000.000.000	Rp 13.898.775.065.000	157,06%
2	BBCA	2019	Rp 63.837.795.000.000	Rp 918.989.312.000.000	6,95%
		2020	Rp 65.403.161.000.000	Rp 1.075.570.256.000.000	6,08%
		2021	Rp 65.626.976.000.000	Rp 1.228.344.680.000.000	5,34%
		2022	Rp 72.241.191.000.000	Rp 1.314.731.674.000.000	5,49%
3	BBNI	2019	Rp 585.323.730.000.000	Rp 845.605.208.000.000	69,22%
		2020	Rp 56.172.871.000.000	Rp 891.337.425.000.000	6,30%
		2021	Rp 50.025.887.000.000	Rp 964.837.692.000.000	5,18%
		2022	Rp 54.658.681.000.000	Rp 1.029.836.868.000.000	5,31%
4	BBRI	2019	Rp 121.756.276.000.000	Rp 1.416.758.840.000.000	8,59%
		2020	Rp 116.932.512.000.000	Rp 1.511.804.628.000.000	7,73%
		2021	Rp 143.523.329.000.000	Rp 1.678.097.734.000.000	8,55%
		2022	Rp 151.874.816.000.000	Rp 1.865.639.010.000.000	8,14%
5	BDMN	2019	Rp 21.970.144.000.000	Rp 193.533.970.000.000	11,35%
		2020	Rp 20.087.555.000.000	Rp 200.890.068.000.000	10,00%
		2021	Rp 17.749.004.000.000	Rp 192.207.461.000.000	9,23%
		2022	Rp 17.393.331.000.000	Rp 197.729.688.000.000	8,80%
6	BJBR	2019	Rp 12.091.430.000.000	Rp 123.536.474.000.000	9,79%
		2020	Rp 12.620.678.000.000	Rp 140.934.002.000.000	8,96%
		2021	Rp 13.214.443.000.000	Rp 158.356.097.000.000	8,34%
		2022	Rp 13.635.974.000.000	Rp 181.241.291.000.000	7,52%
7	BJTM	2019	Rp 5.624.270.000.000	Rp 76.756.313.000.000	7,33%
		2020	Rp 5.892.613.000.000	Rp 83.619.451.000.000	7,05%
		2021	Rp 6.463.446.000.000	Rp 100.723.330.000.000	6,42%
		2022	Rp 6.685.773.000.000	Rp 103.031.367.000.000	6,49%
8	BMRI	2019	Rp 91.525.090.000.000	Rp 1.318.246.335.000.000	6,94%
		2020	Rp 87.321.117.000.000	Rp 1.429.334.484.000.000	6,11%
		2021	Rp 97.749.086.000.000	Rp 1.725.611.128.000.000	5,66%
		2022	Rp 112.382.118.000.000	Rp 1.992.544.687.000.000	5,64%

9	BNBA	2019	Rp 653.036.862.635	Rp 7.607.653.715.376	8,58%
		2020	Rp 633.832.905.528	Rp 7.637.524.325.854	8,30%
		2021	Rp 518.731.678.488	Rp 8.664.310.151.340	5,99%
		2022	Rp 527.607.625.909	Rp 8.211.291.790.399	6,43%
10	BNGA	2019	Rp 21.689.486.000.000	Rp 274.467.227.000.000	7,90%
		2020	Rp 20.703.099.000.000	Rp 280.943.605.000.000	7,37%
		2021	Rp 18.862.951.000.000	Rp 310.786.960.000.000	6,07%
		2022	Rp 19.114.194.000.000	Rp 306.754.299.000.000	6,23%
11	BNII	2019	Rp 15.479.869.000.000	Rp 169.082.830.000.000	9,16%
		2020	Rp 12.826.683.000.000	Rp 173.224.412.000.000	7,40%
		2021	Rp 10.730.035.000.000	Rp 168.712.977.000.000	6,36%
		2022	Rp 10.400.454.000.000	Rp 160.813.918.000.000	6,47%
12	MEGA	2019	Rp 7.454.235.681.071	Rp 100.803.830.893.516	7,39%
		2020	Rp 8.046.280.771.484	Rp 112.202.652.793.222	7,17%
		2021	Rp 8.110.291.000.000	Rp 132.879.390.000.000	6,10%
		2022	Rp 9.069.057.000.000	Rp 141.750.449.000.000	6,40%
13	SDRA	2019	Rp 2.438.993.000.000	Rp 36.940.436.000.000	6,60%
		2020	Rp 2.425.276.000.000	Rp 38.053.939.000.000	6,37%
		2021	Rp 2.465.956.000.000	Rp 43.801.571.000.000	5,63%
		2022	Rp 2.958.461.000.000	Rp 51.499.424.000.000	5,74%

HASIL TATO

No	KODE	TATO (%)				
		2019	2020	2021	2022	RATA-RATA
1	AGRO	0,06	67,70	144,20	157,06	92,26
2	BBCA	6,95	6,08	5,34	5,49	5,97
3	BBNI	69,22	6,30	5,18	5,31	21,50
4	BBRI	8,59	7,73	8,55	8,14	8,26
5	BDMN	11,35	10,00	9,23	8,80	9,85
6	BJBR	9,79	8,96	8,34	7,52	8,65
7	BJTM	7,33	7,05	6,42	6,49	6,82
8	BMRI	6,94	6,11	5,66	5,64	6,09
9	BNBA	8,58	8,30	5,99	6,43	7,32
10	BNGA	7,90	7,37	6,07	6,23	6,89
11	BNII	9,16	7,40	6,36	6,47	7,35
12	MEGA	7,39	7,17	6,10	6,40	6,77
13	SDRA	6,60	6,37	5,63	5,74	6,09

Statistik Deskriptif

	X11	X12	X13	X14	Y11	Y12	Y13
Mean	6.258788	0.903058	0.009115	0.455827	0.018019	0.121519	0.149077
Median	7.951500	0.880500	0.007000	0.654500	0.014000	0.099500	0.069500
Maximum	185.6090	6.977000	0.154000	32.75400	0.181000	1.239000	1.571000
Minimum	-404.9640	-5.144000	-0.086000	-45.50900	0.001000	0.002000	0.001000
Std. Dev.	64.12875	1.282909	0.029234	7.898334	0.024465	0.168105	0.299664
Skewness	-4.757524	0.237482	1.148314	-2.545110	5.815718	5.762323	3.911624
Kurtosis	35.05331	20.45917	16.53910	28.52298	39.41346	39.08053	17.47747
Jarque-Bera Probability	2422.227 0.000000	660.9378 0.000000	408.5940 0.000000	1467.555 0.000000	3165.998 0.000000	3108.348 0.000000	586.7339 0.000000
Sum	325.4570	46.95900	0.474000	23.70300	0.937000	6.319000	7.752000
Sum Sq. Dev.	209737.3	83.93863	0.043585	3181.567	0.030525	1.441223	4.579712
Observations	52	52	52	52	52	52	52

Uji Chow

Redundant Fixed Effects Tests

Equation: Untitled

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	12.896051	(12,33)	0.0000
Cross-section Chi-square	90.408117	12	0.0000

Uji Hausman

Correlated Random Effects - Hausman Test

Equation: Untitled

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	12.256617	6	0.0565

Uji Lagrange Multiplier

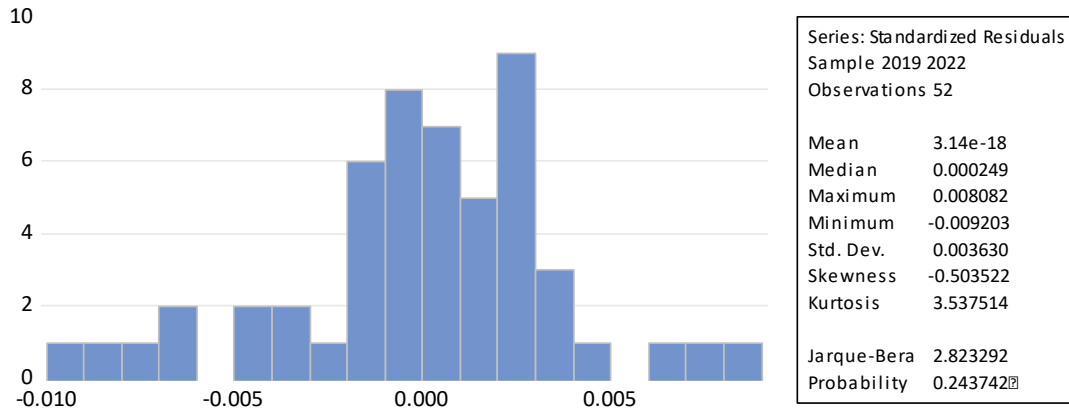
Lagrange Multiplier Tests for Random Effects

Null hypotheses: No effects

Alternative hypotheses: Two-sided (Breusch-Pagan) and one-sided (all others) alternatives

	Test Hypothesis		
	Cross-section	Time	Both
Breusch-Pagan	25.86084 (0.0000)	0.957494 (0.3278)	26.81833 (0.0000)
Honda	5.085355 (0.0000)	-0.978516 (0.8361)	2.903974 (0.0018)
King-Wu	5.085355 (0.0000)	-0.978516 (0.8361)	1.399028 (0.0809)
Standardized Honda	5.574806 (0.0000)	-0.737707 (0.7697)	0.270372 (0.3934)
Standardized King-Wu	5.574806 (0.0000)	-0.737707 (0.7697)	-0.941782 (0.8268)
Gourieroux, et al.	--	--	25.86084 (0.0000)

Uji Normalitas



Uji Multikolinearitas

Variance Inflation Factors
 Date: 03/07/24 Time: 00:32
 Sample: 1 52
 Included observations: 52

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
X12	23.95590	11.13457	7.397352
X13	46171.48	8.137025	7.403138
X14	0.085805	1.007689	1.004279
C	44.61642	8.534931	NA

Uji Heteroskedastisitas

Heteroskedasticity Test: Breusch-Pagan-Godfrey
 Null hypothesis: Homoskedasticity

F-statistic	0.809349	Prob. F(3,48)	0.4949
Obs*R-squared	2.503735	Prob. Chi-Square(3)	0.4746
Scaled explained SS	14.06675	Prob. Chi-Square(3)	0.0028

Uji Autokorelasi

Weighted Statistics			
Mean dependent var	0.907657	S.D. dependent var	0.000000
S.E. of regression	0.266183	Sum squared resid	3.188396
F-statistic	-7.500000	Durbin-Watson stat	1.669189
Prob(F-statistic)	1.000000		

Regresi Data Panel Variabel Dependen (ROA)

Dependent Variable: Y11
Method: Panel EGLS (Cross-section random effects)
Date: 03/06/24 Time: 22:55
Sample: 2019 2022
Periods included: 4
Cross-sections included: 13
Total panel (balanced) observations: 52
Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.022495	0.003355	6.704905	0.0000
X11	-0.000629	5.13E-05	-12.26893	0.0000
X12	-0.001323	0.001984	-0.666594	0.5083
X13	-0.050397	0.089453	-0.563388	0.5758
X14	0.002447	0.000414	5.913701	0.0000

Regresi Data Panel Variabel Dependen (ROE)

Dependent Variable: Y12
Method: Panel EGLS (Cross-section random effects)
Date: 03/06/24 Time: 23:05
Sample: 2019 2022
Periods included: 4
Cross-sections included: 13
Total panel (balanced) observations: 52
Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.142128	0.020887	6.804525	0.0000
X11	-0.004388	0.000309	-14.18398	0.0000
X12	-0.001128	0.012016	-0.093885	0.9256
X13	-0.001288	0.541945	-0.002376	0.9981
X14	0.017305	0.002496	6.931781	0.0000

Regresi Data Panel Variabel Dependen (TATO)

Dependent Variable: Y13
Method: Panel EGLS (Cross-section random effects)
Date: 03/05/24 Time: 20:48
Sample: 2019 2022
Periods included: 4
Cross-sections included: 13
Total panel (balanced) observations: 52
Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.226503	0.062104	3.647161	0.0007
X11	-0.011140	0.001239	-8.991266	0.0000
X12	-0.034220	0.044148	-0.775112	0.4422
X13	-1.678918	1.960384	-0.856423	0.3961
X14	0.084466	0.010037	8.415783	0.0000

Uji Koefisien Determinasi (R²)

Weighted Statistics			
R-squared	0.994316	Mean dependent var	0.004618
Adjusted R-squared	0.993832	S.D. dependent var	0.022326
S.E. of regression	0.001753	Sum squared resid	0.000144
F-statistic	2055.512	Durbin-Watson stat	1.302243
Prob(F-statistic)	0.000000		

Uji t Variabel Dependen (ROA)

Dependent Variable: Y11
Method: Panel EGLS (Cross-section random effects)
Date: 03/05/24 Time: 21:32
Sample: 2019 2022
Periods included: 4
Cross-sections included: 13
Total panel (balanced) observations: 52
Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.022495	0.003355	6.704905	0.0000
X11	-0.000629	5.13E-05	-12.26893	0.0000
X12	-0.001323	0.001984	-0.666594	0.5083
X13	-0.050397	0.089453	-0.563388	0.5758
X14	0.002447	0.000414	5.913701	0.0000

Uji t Variabel Dependen (ROE)

Dependent Variable: Y12
Method: Panel EGLS (Cross-section random effects)
Date: 03/05/24 Time: 21:33
Sample: 2019 2022
Periods included: 4
Cross-sections included: 13
Total panel (balanced) observations: 52
Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.142128	0.020887	6.804525	0.0000
X11	-0.004388	0.000309	-14.18398	0.0000
X12	-0.001128	0.012016	-0.093885	0.9256
X13	-0.001288	0.541945	-0.002376	0.9981
X14	0.017305	0.002496	6.931781	0.0000

Uji t Variabel Dependen (TATO)

Dependent Variable: Y13
Method: Panel EGLS (Cross-section random effects)
Date: 03/05/24 Time: 21:33
Sample: 2019 2022
Periods included: 4
Cross-sections included: 13
Total panel (balanced) observations: 52
Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.226503	0.062104	3.647161	0.0007
X11	-0.011140	0.001239	-8.991266	0.0000
X12	-0.034220	0.044148	-0.775112	0.4422
X13	-1.678918	1.960384	-0.856423	0.3961
X14	0.084466	0.010037	8.415783	0.0000

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Weighted Statistics			
R-squared	0.994316	Mean dependent var	0.004618
Adjusted R-squared	0.993832	S.D. dependent var	0.022326
S.E. of regression	0.001753	Sum squared resid	0.000144
F-statistic	2055.512	Durbin-Watson stat	1.302243
Prob(F-statistic)	0.000000		