

Perhitungan Score Board CSR

No.	Kode Perusahaan	Tahun	CSR	Pengungkapan GRI	Pengungkapan CSR
1	AKRA	2015	44	91	0.48
		2016	50	91	0.55
		2017	49	91	0.54
		2018	38	91	0.42
		2019	35	91	0.38
2	BNGA	2015	37	91	0.41
		2016	38	91	0.42
		2017	38	91	0.42
		2018	37	91	0.41
		2019	38	91	0.42
3	BMRI	2015	36	91	0.40
		2016	37	91	0.41
		2017	37	91	0.41
		2018	36	91	0.40
		2019	37	91	0.41
4	BBRI	2015	36	91	0.40
		2016	37	91	0.41
		2017	36	91	0.40
		2018	37	91	0.41
		2019	37	91	0.41
5	BBTN	2015	37	91	0.41
		2016	38	91	0.42
		2017	38	91	0.42
		2018	38	91	0.42
		2019	37	91	0.41
6	PTBA	2015	41	91	0.45
		2016	40	91	0.44
		2017	39	91	0.43
		2018	40	91	0.44
		2019	38	91	0.42
7	SMCB	2015	38	91	0.42
		2016	39	91	0.43
		2017	38	91	0.42
		2018	37	91	0.41
		2019	40	91	0.44
8	INDY	2015	36	91	0.40

		2016	42	91	0.46
		2017	42	91	0.46
		2018	39	91	0.43
		2019	38	91	0.42
9	ITMG	2015	39	91	0.43
		2016	40	91	0.44
		2017	39	91	0.43
		2018	41	91	0.45
		2019	40	91	0.44
10	INTP	2015	38	91	0.42
		2016	37	91	0.41
		2017	40	91	0.44
		2018	41	91	0.45
		2019	40	91	0.44
11	PGAS	2015	40	91	0.44
		2016	40	91	0.44
		2017	40	91	0.44
		2018	40	91	0.44
		2019	40	91	0.44
12	PTRO	2015	39	91	0.43
		2016	40	91	0.44
		2017	41	91	0.45
		2018	41	91	0.45
		2019	40	91	0.44
13	SMAR	2015	38	91	0.42
		2016	39	91	0.43
		2017	42	91	0.46
		2018	42	91	0.46
		2019	41	91	0.45
14	WSKT	2015	39	91	0.43
		2016	38	91	0.42
		2017	39	91	0.43
		2018	42	91	0.46
		2019	42	91	0.46

Perhitungan DER

PERHITUNGAN SOLVABILITAS				
Prshn	t	Total Utang	Total Ekuitas	DER
AKRA	2015	7,916,954,220,000	7,286,175,343,000	1.09
	2016	7,756,420,389,000	8,074,320,321,000	0.96
	2017	7,793,559,184,000	16,823,208,531,000	0.46
	2018	10,014,019,260,000	19,940,850,599,000	0.50
	2019	11,343,184,833,000	10,066,861,340,000	1.13
BNGA	2015	210,169,865,000,000	238,849,252,000,000	0.88
	2016	207,364,106,000,000	241,571,728,000,000	0.86
	2017	229,354,449,000,000	36,950,996,000,000	6.21
	2018	227,209,919,000,000	39,580,579,000,000	5.74
	2019	2,311,733,061,000,000	43,294,166,000,000	53.40
BMRI	2015	736,198,705,000,000	119,491,841,000,000	6.16
	2016	824,559,898,000,000	153,369,723,000,000	5.38
	2017	888,026,817,000,000	170,006,132,000,000	5.22
	2018	941,953,100,000,000	184,960,305,000,000	5.09
	2019	1,025,749,580,000,000	209,034,525,000,000	4.91
BBRI	2015	765,299,133,000,000	113,127,179,000,000	6.76
	2016	856,831,836,000,000	1,003,644,426,000,000	0.85
	2017	959,439,711,000,000	168,007,778,000,000	5.71
	2018	1,111,622,961,000,000	185,275,331,000,000	6.00
	2019	1,183,155,670,000,000	208,784,336,000,000	5.67
BBTN	2015	157,947,485,000,000	13,860,107,000,000	11.40
	2016	195,037,943,000,000	19,130,536,000,000	10.20
	2017	223,937,463,000,000	21,663,434,000,000	10.34
	2018	263,784,017,000,000	23,840,448,000,000	11.06
	2019	269,451,682,000,000	23,836,195,000,000	11.30
PTBA	2015	4,922,733,000,000	9,287,547,000,000	0.53
	2016	5,042,747,000,000	10,552,405,000,000	0.48
	2017	8,187,497,000,000	13,799,482,000,000	0.59
	2018	7,903,237,000,000	24,172,933,000,000	0.33
	2019	7,675,226,000,000	18,422,826,000,000	0.42
SMBC	2015	8,871,708,000,000	8,449,857,000,000	1.05
	2016	11,702,538,000,000	8,060,595,000,000	1.45
	2017	12,429,452,000,000	7,196,951,000,000	1.73
	2018	12,250,837,000,000	6,461,350,000,000	1.90
	2019	12,584,886,000,000	6,982,612,000,000	1.80
INDY	2015	17,989,806,952,920	11,342,265,725,120	1.59
	2016	14,420,277,832,837	9,884,178,308,416	1.46
	2017	33,726,739,650,540	14,918,998,641,600	2.26
	2018	36,679,436,651,100	16,259,630,945,425	2.26
	2019	35,407,106,367,425	14,405,539,852,950	2.46
ITMG	2015	4,689,513,840,000	11,383,357,480,000	0.41
	2016	4,032,601,994,000	12,102,393,910,000	0.33
	2017	5,359,011,120,000	12,819,899,820,000	0.42

INTP	2018	6,822,231,625,000	13,989,119,775,000	0.49
	2019	4,471,034,400,000	12,183,505,375,000	0.37
	2015	3,772,410,000,000	23,865,950,000,000	0.16
	2016	4,011,877,000,000	26,138,703,000,000	0.15
	2017	4,307,169,000,000	24,556,507,000,000	0.18
PGAS	2018	4,566,973,000,000	23,221,589,000,000	0.20
	2019	4,627,488,000,000	23,080,261,000,000	0.20
	2015	47,361,056,343,480	41,231,047,296,560	1.15
	2016	48,866,229,638,658	42,280,868,495,558	1.16
	2017	51,817,617,388,980	57,673,334,248,980	0.90
PTRO	2018	68,336,741,927,800	46,187,273,506,175	1.48
	2019	57,020,404,088,125	44,552,494,635,775	1.28
	2015	3,370,321,240,000	2,431,698,280,000	1.39
	2016	2,973,830,912,000	2,273,278,313,000	1.31
	2017	3,550,690,740,000	2,526,518,640,000	1.41
SMAR	2018	5,257,321,075,000	2,757,079,100,000	1.91
	2019	4,662,575,775,000	2,928,055,325,000	1.59
	2015	16,334,245,000,000	7,662,770,000,000	2.13
	2016	15,941,975,000,000	10,199,435,000,000	1.56
	2017	15,824,122,000,000	11,532,233,000,000	1.37
WSKT	2018	17,061,105,000,000	12,249,205,000,000	1.39
	2019	16,854,470,000,000	10,933,057,000,000	1.54
	2015	20,604,904,309,805	9,704,206,867,664	2.12
	2016	44,651,963,165,082	16,773,218,556,948	2.66
	2017	75,140,936,029,129	22,754,824,809,495	3.30
	2018	95,504,462,872,769	28,887,118,750,867	3.31
	2019	93,470,790,161,572	29,118,469,188,999	3.21

Perhitungan Tobins'Q

PERHITUNGAN TOBINS'Q								
Prshn	t	Closing Price	Saham beredar Akhir Tahun	MVE	DEBT	MVE+DEBT	TA	Q
AKRA	2015	7,175	3,949,030,235	28,334,291,936,125	7,916,954,220,000	36,251,246,156,125	15,203,129,563,000	2.38
	2016	6,000	3,991,781,170	23,950,687,020,000	7,756,420,389,000	31,707,107,409,000	15,830,740,710,000	2.00
	2017	6,350	4,006,329,420	25,440,191,817,000	7,793,559,184,000	33,233,751,001,000	16,823,208,531,000	1.98
	2018	4,290	4,014,694,920	17,223,041,206,800	10,014,019,260,000	27,237,060,466,800	19,940,850,599,000	1.37
	2019	3,950	4,014,694,920	15,858,044,934,000	11,343,184,833,000	27,201,229,767,000	21,409,046,173,000	1.27
BNGA	2015	595	2,817,000	1,676,115,000	210,169,865,000,000	210,171,541,115,000	238,849,252,000,000	0.88
	2016	845	1,200,000	1,014,000,000	207,364,106,000,000	207,365,120,000,000	241,571,728,000,000	0.86
	2017	1,350	138,862	187,463,700	229,354,449,000,000	229,354,636,463,700	266,305,445,000,000	0.86
	2018	915	1,470,875	1,345,850,625	227,209,919,000,000	227,211,264,850,625	266,781,498,000,000	0.85
	2019	880	153,567,100	135,139,048,000	2,311,733,061,000,000	2,311,868,200,048,000	274,467,227,000,000	8.42
BMRI	2015	9,250	23,333,333,333	215,833,333,330,250	736,198,705,000,000	952,032,038,330,250	910,063,409,000,000	1.05
	2016	11,575	23,333,333,333	270,083,333,329,475	824,559,898,000,000	1,094,643,231,329,475	1,038,706,009,000,000	1.05
	2017	8,000	46,666,666,666	373,333,333,328,000	888,026,817,000,000	1,261,360,150,328,000	1,124,700,847,000,000	1.12
	2018	7,375	46,666,666,666	344,166,666,661,750	941,953,100,000,000	1,286,119,766,661,750	12,002,252,094,000,000	0.11
	2019	7,675	46,666,666,666	358,166,666,661,550	1,025,749,580,000,000	1,383,916,246,661,550	1,318,246,335,000,000	1.05
BBRI	2015	11,425	24,459,043,400	279,444,570,845,000	765,299,133,000,000	1,044,743,703,845,000	878,426,312,000,000	1.19
	2016	11,675	24,447,444,000	285,423,908,700,000	856,831,836,000,000	1,142,255,744,700,000	1,003,644,426,000,000	1.14
	2017	3,640	123,345,810,000	448,978,748,400,000	959,439,711,000,000	1,408,418,459,400,000	1,127,447,489,000,000	1.25
	2018	3,660	123,345,810,000	451,445,664,600,000	1,111,622,961,000,000	1,563,068,625,600,000	1,296,898,292,000,000	1.21
	2019	4,400	123,345,810,000	542,721,564,000,000	1,183,155,670,000,000	1,725,877,234,000,000	1,416,758,840,000,000	1.22
BBTN	2015	1,295	10,582,345,000	13,714,050,000,000	157,947,485,000,000	171,661,535,000,000	171,807,590,000,000	1.00

	2016	174	10,590,000,000	1,842,660,000,000	195,037,943,000,000	196,880,603,000,000	214,168,479,000,000	0.92
	2017	3,570	10,590,000,000	37,806,300,000,000	223,937,463,000,000	261,743,763,000,000	261,365,267,000,000	1.00
	2018	2,540	10,590,000,000	26,898,600,000,000	263,784,017,000,000	290,682,617,000,000	306,436,194,000,000	0.95
	2019	2,120	10,590,000,000	22,450,800,000,000	269,451,682,000,000	291,902,482,000,000	311,776,828,000,000	0.94
PTBA	2015	4,525	2,304,131,850	10,426,196,621,250	4,922,733,000,000	15,348,929,621,250	16,894,043,000,000	0.91
	2016	12,500	2,304,131,850	28,801,648,125,000	5,042,747,000,000	33,844,395,125,000	18,576,774,000,000	1.82
	2017	11,200	2,108,075,150	23,610,441,680,000	8,187,497,000,000	31,797,938,680,000	21,987,482,000,000	1.45
	2018	4,300	10,540,375,745	45,323,615,703,500	7,903,237,000,000	53,226,852,703,500	24,172,933,000,000	2.20
	2019	2,660	11,190,363,250	29,766,366,245,000	7,675,226,000,000	37,441,592,245,000	26,098,052,000,000	1.43
SMBC	2015	1,035	228,557,000	236,556,495,000	8,871,708,000,000	9,108,264,495,000	17,321,565,000,000	0.53
	2016	900	103,656,000	93,290,400,000	11,702,538,000,000	11,795,828,400,000	19,763,133,000,000	0.60
	2017	821	95,360,000	78,290,560,000	12,429,452,000,000	12,507,742,560,000	19,626,403,000,000	0.64
	2018	1,885	1,185,333,000	2,234,352,705,000	12,250,837,000,000	14,485,189,705,000	18,667,187,000,000	0.78
	2019	1,180	2,043,000	2,410,740,000	12,584,886,000,000	12,587,296,740,000	19,567,498,000,000	0.64
INDY	2015	110	5,210,192,000	573,121,120,000	17,989,806,952,920	18,562,928,072,920	29,332,072,678,040	0.63
	2016	705	5,210,192,000	3,673,185,360,000	14,420,277,832,837	18,093,463,192,837	24,304,456,141,253	0.74
	2017	3,060	5,210,192,000	15,943,187,520,000	33,726,739,650,540	49,669,927,170,540	48,645,738,292,140	1.02
	2018	1,585	5,210,192,000	8,258,154,320,000	36,679,436,651,100	44,937,590,971,100	52,939,067,596,525	0.85
	2019	1,195	5,210,192,000	6,226,179,440,000	35,407,106,367,425	41,633,285,807,425	49,812,646,220,375	0.84
ITMG	2015	5,725	1,129,925,000	6,468,820,625,000	4,689,513,840,000	11,158,334,465,000	16,072,871,320,000	0.69
	2016	16,875	1,129,925,000	19,067,484,375,000	4,032,601,994,000	23,100,086,369,000	16,134,995,904,000	1.43
	2017	20,700	1,129,925,000	23,389,447,500,000	5,359,011,120,000	28,748,458,620,000	18,178,910,940,000	1.58
	2018	20,250	1,129,925,000	22,880,981,250,000	6,822,231,625,000	29,703,212,875,000	20,811,351,400,000	1.43
	2019	11,475	1,129,925,000	12,965,889,375,000	4,471,034,400,000	17,436,923,775,000	16,654,539,775,000	1.05
INTP	2015	22,325	3,681,231,699	82,183,497,680,175	3,772,410,000,000	85,955,907,680,175	27,638,360,000,000	3.11
	2016	15,400	3,681,231,699	56,690,968,164,600	4,011,877,000,000	60,702,845,164,600	30,150,580,000,000	2.01
	2017	21,950	3,681,231,699	80,803,035,793,050	4,307,169,000,000	85,110,204,793,050	28,863,676,000,000	2.95
	2018	18,450	115,041,500	2,122,515,675,000	4,566,973,000,000	6,689,488,675,000	27,788,562,000,000	0.24
	2019	19,025	3,681,231,699	70,035,433,073,475	4,627,488,000,000	74,662,921,073,475	27,707,749,000,000	2.69
PGAS	2015	2,745	24,241,508,196	66,542,939,998,020	47,361,056,343,480	113,903,996,341,500	88,592,103,640,040	1.29
	2016	2,700	24,241,508,196	65,452,072,129,200	48,866,229,638,658	114,318,301,767,858	91,147,098,134,216	1.25

	2017	1,750	24,241,508,196	42,422,639,343,000	51,817,617,388,980	94,240,256,731,980	109,490,951,637,960	0.86
	2018	2,120	24,241,508,196	51,391,997,375,520	68,336,741,927,800	119,728,739,303,320	114,524,015,433,975	1.05
	2019	2,170	24,242,000,000	52,605,140,000,000	57,020,404,088,125	109,625,544,088,125	101,572,898,723,900	1.08
PTRO	2015	290	1,008,605,000	292,495,450,000	3,370,321,240,000	3,662,816,690,000	5,801,460,280,000	0.63
	2016	720	1,008,605,000	726,195,600,000	2,973,830,912,000	3,700,026,512,000	5,247,109,225,000	0.71
	2017	1,660	1,008,605,000	1,674,284,300,000	3,550,690,740,000	5,224,975,040,000	6,077,209,380,000	0.86
	2018	1,785	1,008,605,000	1,800,359,925,000	5,257,321,075,000	7,057,681,000,000	8,014,400,175,000	0.88
	2019	1,605	1,008,605,000	1,618,811,025,000	4,662,575,775,000	6,281,386,800,000	7,590,631,100,000	0.83
SMAR	2015	4,200	157,200	660,240,000	16,334,245,000,000	16,334,905,240,000	23,957,015,000,000	0.68
	2016	4,350	153,900	669,465,000	15,941,975,000,000	15,942,644,465,000	26,141,410,000,000	0.61
	2017	3,420	90,500	309,510,000	15,824,122,000,000	15,824,431,510,000	27,356,266,000,000	0.58
	2018	4,050	80,100	324,405,000	17,061,105,000,000	17,061,429,405,000	29,310,310,000,000	0.58
	2019	4,140	404,100	1,672,974,000	16,854,470,000,000	16,856,142,974,000	27,787,527,000,000	0.61
WSKT	2015	1,670	13,570,493,310	22,662,723,827,700	20,604,904,309,805	43,267,628,137,505	30,309,111,177,468	1.43
	2016	2,550	13,573,709,540	34,612,959,327,000	44,651,963,165,082	79,264,922,492,082	61,425,181,722,030	1.29
	2017	2,210	13,573,902,600	29,998,324,746,000	75,140,936,029,129	105,139,260,775,129	97,895,760,838,624	1.07
	2018	1,680	13,573,951,000	22,804,237,680,000	95,504,462,872,769	118,308,700,552,769	124,391,581,623,636	0.95
	2019	1,485	13,573,951,000	20,157,317,235,000	93,470,790,161,572	113,628,107,396,572	122,589,259,350,571	0.93

Convergent Validity dan Discriminant Validity

5a

WarpPLS 7.0 - Indicator loadings and cross-loadings: View combined loadings and cross-loadings

Close Help

	X1	X2	Y	Z	Type (as defined)	SE	P value
X1	(1.000)	0.000	0.000	0.000	Reflective	0.086	<0.001
X2	0.000	(1.000)	0.000	0.000	Reflective	0.086	<0.001
Y	0.000	0.000	(1.000)	0.000	Reflective	0.086	<0.001
Z	0.000	0.000	0.000	(1.000)	Reflective	0.086	<0.001

Uji Reliabilitas

Composite reliab.	1.000	1.000	1.000	1.000
Cronbach's alpha	1.000	1.000	1.000	1.000
Avg. var. extrac.	1.000	1.000	1.000	1.000

R-Square dan Q-Square

	X1	X2	Y	Z
R-squared			0.772	0.248
Adj. R-squared			0.762	0.226
Composite reliab.	1.000	1.000	1.000	1.000
Cronbach's alpha	1.000	1.000	1.000	1.000
Avg. var. extrac.	1.000	1.000	1.000	1.000
Full collin. VIF	1.237	2.281	2.193	1.080
Q-squared			0.733	0.254

Model Fit dan Quality Indices

Model fit and quality indices

Average path coefficient (APC)=0.320, P=0.001
 Average R-squared (ARS)=0.510, P<0.001
 Average adjusted R-squared (AARS)=0.494, P<0.001
 Average block VIF (AVIF)=1.084, acceptable if ≤ 5 , ideally ≤ 3.3
 Average full collinearity VIF (AFVIF)=1.697, acceptable if ≤ 5 , ideally ≤ 3.3
 Tenenhaus GoF (GoF)=0.714, small ≥ 0.1 , medium ≥ 0.25 , large ≥ 0.36
 Sympton's paradox ratio (SPR)=1.000, acceptable if ≥ 0.7 , ideally = 1
 R-squared contribution ratio (RSCR)=1.000, acceptable if ≥ 0.9 , ideally = 1
 Statistical suppression ratio (SSR)=1.000, acceptable if ≥ 0.7
 Nonlinear bivariate causality direction ratio (NLBCDR)=0.800, acceptable if ≥ 0.7

Uji Hipotesis

Path coefficients

	X1	X2	Y	Z
X1				
X2				
Y	0.084	0.849		0.133
Z	-0.470	0.062		

P values

	X1	X2	Y	Z
X1				
X2				
Y	0.237	<0.001		0.124
Z	<0.001	0.298		

Uji Hipotesis Mediasi

Document1 - Word (Product)

WarpPLS 7.0 - Indirect and total effects

Close Help

----- Indirect and total effects (table view) -----

Indirect effects for paths with 2 segments

	X1	X2	Y	Z
X1				
X2				
Y	-0.063	0.008		
Z				

P values of indirect effects for paths with 2 segments

	X1	X2	Y	Z
X1				
X2				
Y	0.226	0.461		
Z				