

LAMPIRAN

LAMPIRAN 1 PERUSAHAAN PENELITIAN

NO	KODE EMITEN	NAMA PERUSAHAAN	KRITERIA 1	KRITERIA 2	KRITERIA 3
1	ADRO	Adro Energy Indonesia Tbk.	✓	X	✓
2	ANTM	Aneka Tambang Tbk.	✓	X	✓
3	ASII	Astra Internasional Tbk.	✓	X	✓
4	BBCA	Bank Central Asia Tbk.	✓	X	✓
5	BBNI	Bank Negara Indonesia (persero)Tbk.	✓	X	✓
6	BBRI	Bank Rakyat Indonesia (persero)Tbk.	✓	X	✓
7	BBTN	Bank Tabungan Negara (persero)Tbk.	✓	X	✓
8	BMRI	Banak Mandiri (Persero)Tbk.	✓	X	✓
9	BRPT	Barito Pacific Tbk.	✓	✓	X
10	BUKA	Buka Lapak Tbk.	✓	✓	X
11	CPIN	Charoe Pokphand Indonesia Tbk.	✓	✓	X
12	EXCL	XL Axiata Tbk.	✓	✓	X
13	GGRM	Gudang Garam Tbk.	✓	X	✓
14	HMSP	H.M Sampoerna Tbk.	✓	X	✓
15	ICBP	Indofood CBP Sukses Makmur Tbk.	✓	✓	X
16	INCO	Vale Indonesia Tbk.	✓	✓	X
17	INDF	Indofood Sukses Makmur Tbk.	✓	X	✓
18	INKP	Indak Kiat Plup&Paper Tbk.	✓	✓	X
19	KLBF	Kalbe Farma Tbk	✓	X	✓
20	MDKA	Merdeka Copper Gold Tbk.	✓	✓	X
21	MIKA	Mitra Keluarga Karyasehat Tbk.	✓	✓	X
22	PGAS	Perusahaan Gas Negara Tbk.	✓	X	✓
23	PTBA	PT. Bukit Asam Tbk.	✓	✓	X
24	SMGR	Semen Indonesia (persero) Tbk.	✓	X	✓
25	TBIG	Tower Bersama Infrastructure Tbk.	✓	✓	X
26	TINS	Timah Tbk.	✓	✓	X
27	TLKM	Telekomunikasi Indonesia (persero) Tbk.	✓	X	✓
28	TOWR	Sara Menara Nusantara Tbk.	✓	✓	X

29	UNTR	United Tractors Tbk.	✓	X	✓
30	UNVR	Unilever Indonesia Tbk.	✓	X	✓

	Tahun	Harga Saham	t-tsebelumnya	Return	RETURN*100%	IHSG	RETURN MARKET	BI RATE	Beta Saham	BI Rate+Beta saham	Retrun Market-BI rate	Risk Free	Std. Dev	Downside	Sortino	Treynor	Rasio Informasi
	2017	1945															
ADR O	2018	2480	535	0.275064267	27.50642674	11517.3529	0.002388259	0.051	1.45	1.501	-0.048611741	0.0729662	19582.774	0	0	0.240021028	0.000013924
	2019	1590	-890	0.358870968	35.88709677	9216.471	-0.0038938	0.051	0.922	0.973	-0.0548938	0.0534117	12351.204	0.358870968	0.851167488	0.331300759	0.000028740
	2020	1535	-55	0.034591195	3.459119497	8446.882	-0.000409514	0.042	0.766	0.808	-0.042409514	0.0342669	10440.813	0.034591195	0.009375431	0.000423378	0.000003274
	2021	2250	715	0.465798046	46.57980456	8881.941	0.005244327	0.035	0.862	0.897	-0.029755673	0.0266908	11620.104	0	0	0.571332812	0.000039634
	2017	760															
ANT M	2018	920	160	0.210526316	21.05263158	11517.3529	0.001827905	0.051	1.45	1.501	-0.049172095	0.0738073	19582.774	0	0	0.1960922	0.000010657
	2019	1120	200	0.217391304	21.73913043	9216.471	0.002358726	0.051	0.922	0.973	-0.048641274	0.047328	12351.204	0	0	0.2871142	0.000017410
	2020	1950	830	0.741071429	74.10714286	8446.882	0.008773313	0.042	0.766	0.808	-0.033226687	0.0268472	10440.813	0	0	1.0025047	0.000070138
	2021	3120	1170	0.6	60	8881.941	0.00675528	0.035	0.862	0.897	-0.02824472	0.0253355	11620.104	0	0	0.7254472	0.000051053
	2017	9000															
ASII	2018	8700	-300	0.033333333	3.333333333	11517.3529	-0.000289418	0.051	1.45	1.501	-0.051289418	0.0769854	19582.774	0.033333333	1.309562509	0.0301049	0.000001687
	2019	8450	-250	0.028735632	2.873563218	9216.471	-0.000311786	0.051	0.922	0.973	-0.051311786	0.0499264	12351.204	0.028735632	0.737437586	0.0229834	0.000002301
	2020	7075	-1375	0.162721893	16.27218935	8446.882	-0.001926414	0.042	0.766	0.808	-0.043926414	0.0354925	10440.813	0.162721893	0.781882195	0.1660958	0.000015401
	2021	6700	-375	0.053003534	5.300353357	8881.941	-0.000596756	0.035	0.862	0.897	-0.035596756	0.0319303	11620.104	0.053003534	0.397581856	0.0244469	0.000004510

	2017	4220															
BBC A	2018	5170	950	0.2251184 83	22.51184834	11517.3 529	0.001954603	0.051	1.45	1.501	-0.049045397	0.07361 71	19582.7 74	0	0	0.2060246	0.00001139 6
	2019	6695	1525	0.2949709 86	29.49709865	9216.47 1	0.003200476	0.051	0.922	0.973	-0.047799524	0.04650 89	12351.2 04	0	0	0.3703687	0.00002362 3
	2020	6875	180	0.0268857 36	2.688573562	8446.88 2	0.000318292	0.042	0.766	0.808	-0.041681708	0.03367 88	10440.8 13	0	0	0.0790660	0.00000254 5
	2021	7650	775	0.1127272 73	11.27272727	8881.94 1	0.001269174	0.035	0.862	0.897	-0.033730826	0.03025 66	11620.1 04	0	0	0.1658745	0.00000959 2
	2017	7750															
BBN I	2018	9850	2100	0.2709677 42	27.09677419	11517.3 529	0.002352691	0.051	1.45	1.501	-0.048647309	0.07301 96	19582.7 74	0	0	0.2372327	0.00001371 7
	2019	7850	-2000	0.2030456 85	20.30456853	9216.47 1	-0.002203074	0.051	0.922	0.973	-0.053203074	0.05176 66	12351.2 04	0.203045 685	0.7450495 39	-	0.00001626 1
	2020	6175	-1675	0.2133757 96	21.33757962	8446.88 2	-0.002526089	0.042	0.766	0.808	-0.044526089	0.03597 71	10440.8 13	0.213375 796	0.8313909 97	-	0.00002019 5
	2021	7450	1275	0.2064777 33	20.64777328	8881.94 1	0.002324692	0.035	0.862	0.897	-0.032675308	0.02930 98	11620.1 04	0	0	0.2735354	0.00001756 9
	2017	3077															
BBRI	2018	3660	583	0.1894702 63	18.94702632	11517.3 529	0.001645085	0.051	1.45	1.501	-0.049354915	0.07408 17	19582.7 74	0	0	0.1817600	0.00000959 1
	2019	4400	740	0.2021857 92	20.21857923	9216.47 1	0.002193744	0.051	0.922	0.973	-0.048806256	0.04748 85	12351.2 04	0	0	0.2707964	0.00001619 2
	2020	4170	-230	0.0522727 27	5.227272727	8446.88 2	-0.000618841	0.042	0.766	0.808	-0.042618841	0.03443 6	10440.8 13	0.052272 727	0.3412239 05	-	0.00000494 7
	2021	4353	183	0.0438848 92	4.388489209	8881.94 1	0.000494091	0.035	0.862	0.897	-0.034505909	0.03095 18	11620.1 04	0	0	0.0868175	0.00000373 4
	2017	3300															
BBT	2018	3800	500	0.1515151	15.15151515	11517.3	0.001315538	0.051	1.45	1.501	-0.049684462	-	19582.7	0	0	0.1559252	0.00000767

N				52		529						0.07457 64	74				0
	2019	2790	-1010	0.2657894 74	- 26.57894737	9216.47 1	-0.002883853	0.051	0.922	0.973	-0.053883853	0.05242 9	12351.2 04	0.265789 474	0.8027424 18	- 0.2314105	0.00002128 6
	2020	2150	-640	0.2293906 81	- -22.9390681	8446.88 2	-0.002715685	0.042	0.766	0.808	-0.044715685	0.03613 03	10440.8 13	0.229390 681	0.8424945 9	- 0.2522982	0.00002171 0
	2021	2070	-80	0.0372093 02	- 3.720930233	8881.94 1	-0.000418932	0.035	0.862	0.897	-0.035418932	0.03177 08	11620.1 04	0.037209 302	0.1461602 31	- 0.0063092	0.00000316 6
	2017	7250															
BMR I	2018	7375	125	0.0172413 79	- 1.724137931	11517.3 529	0.000149699	0.051	1.45	1.501	-0.050850301	0.07632 63	19582.7 74	0	0	0.0645294	0.00000087 3
	2019	7675	300	0.0406779 66	- 4.06779661	9216.47 1	0.000441362	0.051	0.922	0.973	-0.050558638	0.04919 36	12351.2 04	0	0	0.0974745	0.00000325 8
	2020	6325	-1350	0.1758957 65	- 17.58957655	8446.88 2	-0.002082375	0.042	0.766	0.808	-0.044082375	0.03561 86	10440.8 13	0.175895 765	0.7975018 96	- 0.1831295	0.00001664 7
	2021	7925	1600	0.2529644 27	- 25.29644269	8881.94 1	0.002848076	0.035	0.862	0.897	-0.032151924	0.02884 03	11620.1 04	0	0	0.3269196	0.00002152 4
	2017	79800															
GGR M	2018	83625	3825	0.0479323 31	- 4.793233083	11517.3 529	0.000416175	0.051	1.45	1.501	-0.050583825	0.07592 63	19582.7 74	0	0	0.0854198	0.00000242 6
	2019	53000	-30625	0.3662182 36	- 36.62182362	9216.47 1	-0.003973519	0.051	0.922	0.973	-0.054973519	0.05348 92	12351.2 04	0.366218 236	0.8539416 42	- 0.3391855	0.00002932 9
	2020	41000	-12000	0.2264150 94	- 22.64150943	8446.88 2	-0.002680458	0.042	0.766	0.808	-0.044680458	0.03610 18	10440.8 13	0.226415 094	0.8405503 4	- 0.2484508	0.00002142 9
	2021	47250	6250	0.1524390 24	- 15.24390244	8881.94 1	0.001716281	0.035	0.862	0.897	-0.033283719	0.02985 55	11620.1 04	0	0	0.2114786	0.00001297 1
	2017	4100															
HMS P	2018	5100	1000	0.2439024 39	- 24.3902439	11517.3 529	0.002117695	0.051	1.45	1.501	-0.048882305	0.07337 23	19582.7 74	0	0	0.2188102	0.00001234 7

	2019	3920	-1180	0.2313725 49	-23.1372549	9216.47 1	-0.002510425	0.051	0.922	0.973	-0.053510425	0.05206 56	12351.2 04	0.231372 549	0.7749705 26	-	0.1944760	0.00001853 0
	2020	2270	-1650	0.4209183 67	-	8446.88 2	-0.004983121	0.042	0.766	0.808	-0.046983121	0.03796 24	10440.8 13	0.420918 367	0.9098106 31	-	0.4999426	0.00003983 7
	2021	1535	-735	0.3237885 46	-	8881.94 1	-0.003645471	0.035	0.862	0.897	-0.038645471	0.03466 5	11620.1 04	0.323788 546	0.8929394 28	-	0.3354102	0.00002755 1
	2017	8825																
INDF	2018	8075	-750	0.0849858 36	-	11517.3 529	-0.000737894	0.051	1.45	1.501	-0.051737894	0.07765 86	19582.7 74	0.084985 836	0.0862173 91	-	0.0050533	0.00000430 2
	2019	7925	-150	0.0185758 51	-	9216.47 1	-0.000201551	0.051	0.922	0.973	-0.051201551	0.04981 91	12351.2 04	0.018575 851	1.6819286 86	-	0.0338864	0.00000148 8
	2020	8200	275	0.0347003 15	-	8446.88 2	0.000410806	0.042	0.766	0.808	-0.041589194	0.03360 41	10440.8 13	0	0	-	0.0891702	0.00000328 4
	2021	6800	-1400	0.1707317 07	-	8881.94 1	-0.001922234	0.035	0.862	0.897	-0.036922234	0.03311 92	11620.1 04	0.170731 707	0.8060158 56	-	0.1596432	0.00001452 7
	2017	1775																
KLB F	2018	1520	-255	0.1436619 72	-	11517.3 529	-0.001247352	0.051	1.45	1.501	-0.052247352	0.07842 33	19582.7 74	0.143661 972	0.4541124 91	-	0.0449922	0.00000727 2
	2019	1620	100	0.0657894 74	-	9216.47 1	0.000713825	0.051	0.922	0.973	-0.050286175	0.04892 84	12351.2 04	0	0	-	0.1244229	0.00000526 9
	2020	1480	-140	0.0864197 53	-	8446.88 2	-0.001023096	0.042	0.766	0.808	-0.043023096	0.03476 27	10440.8 13	0.086419 753	0.5977463 4	-	0.0674375	0.00000817 9
	2021	1645	165	0.1114864 86	-	8881.94 1	0.001255204	0.035	0.862	0.897	-0.033744796	0.03026 91	11620.1 04	0	0	-	0.1644496	0.00000948 6
	2017	2540																
PGA S	2018	2120	-420	0.1653543 31	-	11517.3 529	-0.001435697	0.051	1.45	1.501	-0.052435697	0.07870 6	19582.7 74	0.165354 331	0.5240162 06	-	0.0597575	0.00000837 1
	2019	2170	50	0.0235849 06	-	9216.47 1	0.0002559	0.051	0.922	0.973	-0.0507441	0.04937 4	12351.2 04	0	0	-	0.0791311	0.00000188 9

	2020	1655	-515	0.2373271 89	- 23.73271889	8446.88 2	-0.002809643	0.042	0.766	0.808	-0.044809643	0.03620 62	10440.8 13	0.237327 189	0.8474418 74	- 0.2625600	- 0.00002246 2
	2021	1775	120	0.0725075 53	7.250755287	8881.94 1	0.000816348	0.035	0.862	0.897	-0.034183652	0.03066 27	11620.1 04	0	0	0.1196871	0.00000617 0
	2017	10875															
SMG R	2018	11500	625	0.0574712 64	5.747126437	11517.3 529	0.000498997	0.051	1.45	1.501	-0.050501003	0.07580 2	19582.7 74	0	0	0.0919126	0.00000290 9
	2019	12000	500	0.0434782 61	4.347826087	9216.47 1	0.000471745	0.051	0.922	0.973	-0.050528255	0.04916 4	12351.2 04	0	0	0.1004797	0.00000348 2
	2020	14252	2252	0.1876666 67	18.76666667	8446.88 2	0.002221727	0.042	0.766	0.808	-0.039778273	0.03214 08	10440.8 13	0	0	0.2869550	0.00001776 2
	2021	11950	-2302	0.1615211 9	-16.152119	8881.94 1	-0.001818535	0.035	0.862	0.897	-0.036818535	0.03302 62	11620.1 04	0.161521 19	0.7955300 74	- 0.1490661	- 0.00001374 4
	2017	4780															
TLK M	2018	3750	-1030	0.2154811 72	- 21.54811715	11517.3 529	-0.001870926	0.051	1.45	1.501	-0.052870926	0.07935 93	19582.7 74	0.215481 172	0.6317113 94	- 0.0938772	- 0.00001090 8
	2019	3970	220	0.0586666 67	5.866666667	9216.47 1	0.000636542	0.051	0.922	0.973	-0.050363458	0.04900 36	12351.2 04	0	0	0.1167791	0.00000469 8
	2020	3310	-660	0.1662468 51	- 16.62468514	8446.88 2	-0.001968145	0.042	0.766	0.808	-0.043968145	0.03552 63	10440.8 13	0.166246 851	0.7863041 58	- 0.1706535	- 0.00001573 4
	2021	4070	760	0.2296072 51	22.96072508	8881.94 1	0.002585102	0.035	0.862	0.897	-0.032414898	0.02907 62	11620.1 04	0	0	0.3000968	0.00001953 7
	2017	35300															
UNT R	2018	27350	-7950	0.2252124 65	- 22.52124646	11517.3 529	-0.001955419	0.051	1.45	1.501	-0.052955419	0.07948 61	19582.7 74	0.225212 465	0.6470617 93	- 0.1005010	- 0.00001140 1
	2019	21525	-5825	0.2129798 9	- 21.29798903	9216.47 1	-0.002310862	0.051	0.922	0.973	-0.053310862	0.05187 15	12351.2 04	0.212979 89	0.7564489 86	- 0.1747380	- 0.00001705 7
	2020	26600	5075	0.2357723 58	23.57723577	8446.88 2	0.002791235	0.042	0.766	0.808	-0.039208765	0.03168 07	10440.8 13	0	0	0.3491554	0.00002231 4

	2021	27275	675	0.0253759 4	2.537593985	8881.94 1	0.000285703	0.035	0.862	0.897	-0.034714297	0.03113 87	11620.1 04	0	0	0.0655623	0.00000215 9
	2017	10185															
UNV R	2018	10800	615	0.0603829 16	6.038291605	11517.3 529	0.000524278	0.051	1.45	1.501	-0.050475722	0.07576 41	19582.7 74	0	0	0.0938945	0.00000305 7
	2019	9980	-820	0.0759259 26	- 7.592592593	9216.47 1	-0.000823807	0.051	0.922	0.973	-0.051823807	0.05042 46	12351.2 04	0.075925 926	0.3358715 94	- 0.0276587	0.00000608 1
	2020	8575	-1405	0.1407815 63	- 14.07815631	8446.88 2	-0.001666669	0.042	0.766	0.808	-0.043666669	0.03528 27	10440.8 13	0.140781 563	0.7493800 48	- 0.1377270	0.00001332 4
	2021	7175	-1400	0.1632653 06	- 16.32653061	8881.94 1	-0.001838171	0.035	0.862	0.897	-0.036838171	0.03304 38	11620.1 04	0.163265 306	0.7976064 81	- 0.1510690	0.00001389 2

LAMPIRAN 3 NILAI RATA-RATA DAN STANDAR DEVIASI

Descriptive Statistics

	N Statistic	Range Statistic	Minimum Statistic	Maximum Statistic	Sum Statistic	Mean		Std. Deviation Statistic	Variance Statistic	Skewness		Kurtosis	
						Statistic	Std. Error			Statistic	Std. Error	Statistic	Std. Error
T_2018	17	82705	920	83625	195795	11517.35	4749.520	19582.774	383485022.200	3.519	.550	13.156	1.063
T_2019	17	51880	1120	53000	156680	9216.47	2995.607	12351.204	152552243.000	3.134	.550	10.882	1.063
T_2020	17	39520	1480	41000	143597	8446.88	2532.269	10440.813	109010575.900	2.408	.550	5.887	1.063
T_2021	17	45715	1535	47250	150993	8881.94	2818.289	11620.104	135026819.700	2.734	.550	7.812	1.063
IHSG	17	54652.50	1566.25	56218.75	161766.25	9515.6618	3242.32085	13368.43133	178714956.300	3.063	.550	10.161	1.063
Valid N (listwise)	17												