

Lampiran 1. Daftar Sampel Perusahaan

No.	Kode	Nama Perusahaan
1	ADES	Akasha Wira International Tbk
2	AGII	Aneka Gas Industri Tbk
3	AKPI	Argha Karya Prima Industri Tbk
4	ALDO	Alkindo Naratama Tbk
5	ALKA	Alaska Industrindo Tbk
6	ALTO	Tri Banyan Tirta Tbk
7	AMFG	Asahimas Flat Glass Tbk
8	AMIN	Ateliers Mecaniques D'Indonesie Tbk
9	APLI	Asiaplast Industries Tbk
10	ARNA	Arwana citra mulia Tbk
11	ASII	Astra International Tbk
12	AUTO	Astra Otoparts Tbk
13	BAJA	Saranacentral Bajatama Tbk
14	BATA	Sepatu Bata Tbk
15	BELL	Trisula Textile Industries Tbk
16	BIMA	Primarindo Asia Infrastructure Tbk
17	BOLT	Garuda Metalindo Tbk
18	BRNA	Berlina Tbk
19	BTEK	Bumi Teknokultura Unggul Tbk
20	BTON	Beton Jaya Manunggal Tbk
21	BUDI	Budi Starch & Sweetener Tbk
22	CAMP	Campina Ice Cream Industry Tbk
23	CEKA	Wilmar Cahaya Indonesia Tbk
24	CINT	Chitose International Tbk
25	CLEO	Sariguna Primatirta Tbk
26	CPIN	Charoen Pokphand Indonesia Tbk
27	CPRO	Central Proteina Prima Tbk
28	DLTA	Delta Djakarta Tbk
29	DPNS	Duta Pertiwi Nusantara Tbk
30	DVLA	Darya Varia Laboratoria Tbk
31	EKAD	Ekadharma International Tbk
32	ETWA	Eterindo Wahanatama Tbk
33	FASW	Fajar Surya Wisesa Tbk
34	GDST	Gunawan Dianjaya Steel Tbk
35	GGRM	Gudang Garam Tbk
36	GJTL	Gajah Tunggal Tbk
37	HDTX	Panasia Indo Resources Tbk
38	HMSP	Handjaya Mandala Sampoerna Tbk
39	HOKI	Buyung Poetra Sembada Tbk
40	HRTA	Hartadinata Abadi Tbk

41	ICBP	Indofood CBP Sukses Makmur Tbk
42	IGAR	Champion Pasific Indonesia Tbk
43	IKAI	Inti Keramik Alam Asri Industri Tbk
44	IMAS	Indomobil Sukses International Tbk
45	IMPC	Impack Pratama Industry Tbk
46	INAF	Indofarma (Persero) Tbk
47	INAI	Indal Aluminium Industry Tbk
48	INCF	Indo Komoditi Korpora Tbk
49	INCI	Intan Wijaya International Tbk
50	INDF	Indofood Sukses Makmur Tbk
51	INDS	Indospring Tbk
52	INTP	Indocement Tunggul Prakarsa Tbk
53	ISSP	Steel Pipe Industry of Indonesia Tbk
54	JECC	Jembo Cable Company Tbk
55	JKSW	Jakarta Kyoei Steel Work LTD Tbk
56	JPFA	Japfa Comfeed Indonesia Tbk
57	KAEF	Kimia Farma (Persero) Tbk
58	KBLI	KMI Wire and Cable Tbk
59	KBLM	Kabelindo Murni Tbk
60	KBRI	Kertas Basuki Rachmat Indonesia Tbk
61	KDSI	Kedawung Setia Industrial Tbk
62	KIAS	Keramika Indonesia Asosiasi Tbk
63	KICI	Kedaung Indah Can Tbk
64	KINO	Kino Indonesia
65	KLBF	Kalbe Farma Tbk
66	KMTR	Kirana Megatara Tbk
67	LION	Lion Metal Works Tbk
68	LMPI	Langgeng Makmur Industry Tbk
69	LMSH	Lionmesh Prima Tbk
70	LPIN	Multi Prima Sejahtera Tbk
71	MAIN	Malindo Feedmill Tbk
72	MARK	Mark Dynamics Indonesia Tbk
73	MBTO	Martina Berto Tbk
74	MDKI	Emdeki Utama Tbk
75	MERK	Merck Indonesia Tbk
76	MGNA	Magna Investama Mandiri Tbk
77	MBLI	Multi Bintang Indonesia Tbk
78	MLIA	Mulia Industrindo Tbk
79	MRAT	Mustika Ratu Tbk
80	MYOR	Mayora Indah
81	MYTX	Asia Pacific Investama Tbk
82	PBID	Panca Budi Idaman Tbk
83	PCAR	Prima Cakrawala Abadi Tbk

84	PICO	Pelangi Indah Canindo Tbk
85	PRAS	Prima Alloy Steel Universal Tbk
86	PSDN	Prashida Aneka Niaga Tbk
87	PYFA	Pyridam Farma Tbk
88	RICY	Ricky Putra Globalindo Tbk
89	RMBA	Bentoel International Investama Tbk
90	ROTI	Nippon Indosari Corpindo
91	SCCO	Supreme Cable Manufacturing and Commerce Tbk
92	SCNP	Selaras Citra Nusantara Perkasa Tbk
93	SIDO	Industri Jamu & Farmasi Sido Muncul Tbk
94	SIPD	Siearad Produce Tbk
95	SKBM	Sekar Bumi TBK
96	SKLT	Sekar Laut Tbk
97	SMBR	Semen Baturaja (Persero)
98	SMCB	Solusi Bangun Indonesia Tbk
99	SMGR	Semen Indonesia (persero) Tbk
100	SMSM	Selamat Sempurna Tbk
101	SPMA	Suparma Tbk
102	SQBI	Taisha Pharmaceutical Indonesia Tbk
103	SRSN	Indo Acitama Tbk
104	SSTM	Sunson Textile Manufacturer Tbk
105	STTP	Siantar Top Tbk
106	TALF	Tunas Alfin Tbk
107	TCID	Mandom Indonesia Tbk
108	TIRT	Tirta Mahakam Resources Tbk
109	TRIS	Trisula International Tbk
110	TRST	Trias Sentosa Tbk
111	TSPC	Tempo Scan Pasific Tbk
112	UCID	Uni-Charm Indonesia Tbk
113	ULTJ	Ultra Jaya Milk Industry
114	UNIT	Nusantara Inti Corpora Tbk
115	UNVR	Unilever Indonesia Tbk
116	VOKS	Voksel Electric Tbk
117	WIIM	Wismilak Inti Makmur Tbk
118	WOOD	Integra Indocabinet Tbk
119	WSBP	Waskita Beton Precast
120	WTON	Wijaya Karya Beton Tbk
121	YPAS	Yana Prima Hasta Persada Tbk

Lampiran 2. Hasil Statistik Deskriptif

Descriptive Statistics					
	N	Minimum	Maximum	Mean	Std. Deviation
KM	363	.0000	.9445	.074328	.1804436
KI	363	.0000	.9971	.670188	.2413360
CR	363	.0115	208.4449	3.076677	11.0895758
ROA	363	-1.0498	.4535	.036043	.1176776
Valid N (listwise)	363				

Lampiran 3. Hasil Uji Distribusi Frekuensi

EPS					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tidak Financial Distress	272	74.9	74.9	74.9
	Financial Distress	91	25.1	25.1	100.0
	Total	363	100.0	100.0	

Lampiran 4. Hasil Uji Likelihood L

Block 0: Beginning Block

Iteration History ^{a,b,c}			
		-2 Log likelihood	Coefficients
Iteration			Constant
Step 0	1	409.465	-.997
	2	408.804	-1.093
	3	408.804	-1.095
	4	408.804	-1.095

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 408.804

c. Estimation terminated at iteration number 4

because parameter estimates changed by less than .001.

Block 1: Method = Enter

Iteration History ^{a,b,c,d}								
Iteration		-2 Log likelihood	Coefficients					
			Constant	KM	KI	CR	ROA	Size
Step 1	1	303.098	4.919	-.481	-.281	-.012	-7.021	-.190
	2	243.427	6.287	-.351	-.173	-.026	-16.841	-.242
	3	217.153	6.362	-.327	.065	-.044	-28.462	-.248
	4	211.150	6.775	-.475	.229	-.055	-37.076	-.265
	5	210.741	7.027	-.558	.281	-.060	-40.026	-.275
	6	210.738	7.054	-.566	.286	-.060	-40.276	-.276
	7	210.738	7.054	-.566	.286	-.060	-40.278	-.276
	8	210.738	7.054	-.566	.286	-.060	-40.278	-.276

a. Method: Enter

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 408.804

d. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Lampiran 5. Hasil Uji Nagelkerke's R^2

Model Summary			
Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	210.738 ^a	.421	.622

a. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Lampiran 6. Hasil Uji Hosmer and Lemeshow's

Hosmer and Lemeshow Test			
Step	Chi-square	df	Sig.
1	5.756	8	.675

Contingency Table for Hosmer and Lemeshow Test

		EPS = Tidak Financial Distress		EPS = Financial Distress		Total
		Observed	Expected	Observed	Expected	
Step 1	1	36	35.991	0	.009	36
	2	36	35.840	0	.160	36
	3	36	35.434	0	.566	36
	4	34	34.589	2	1.411	36
	5	32	33.100	4	2.900	36
	6	34	31.005	2	4.995	36
	7	29	28.123	7	7.877	36
	8	23	23.148	13	12.852	36
	9	9	12.691	27	23.309	36
	10	3	2.080	36	36.920	39

Lampiran 7. Hasil Uji Ketepatan Klasifikasi**Classification Table^a**

			Predicted		
			EPS		Percentage Correct
			Tidak Financial Distress	Financial Distress	
Step 1	Observed				
	EPS	Tidak Financial Distress	261	11	96.0
		Financial Distress	32	59	64.8
Overall Percentage					88.2

a. The cut value is .500

Lampiran 8. Hasil Uji Hipotesis

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I. for EXP(B)	
								Lower	Upper
Step 1 ^a	KM	-.566	1.270	.199	1	.656	.568	.047	6.843
	KI	.286	.989	.084	1	.772	1.331	.192	9.246
	CR	-.060	.081	.545	1	.046	.942	.803	1.105
	ROA	-40.278	5.451	54.605	1	.000	.000	.000	.000
	Size	-.276	.139	3.939	1	.047	.759	.577	.997
	Constant	7.054	3.920	3.238	1	.072	1157.499		

a. Variable(s) entered on step 1: KM, KI, CR, ROA, Size.

Lampiran 9. Data Penelitian

KODE	TAHUN	EPS	KM	KI	CR	ROA	SIZE
ADES	2018	0	0	0,915239264	1,387737	0,060092	27,50464
ADES	2019	0	0	0,915239264	2,004213	0,102003	27,43546
ADES	2020	0	0	0,915239264	2,969728	0,141625	27,58894
AGII	2018	0	0,056738	0,724637227	1,221987	0,017205	29,5253
AGII	2019	0	0,059445	0,738672543	0,874816	0,014732	29,57992
AGII	2020	0	0,062357	0,739324718	1,009179	0,014023	29,59413
AKPI	2018	0	0,045695	0,702174004	1,015097	0,020918	28,75283
AKPI	2019	0	0,045695	0,702174004	1,084195	0,019575	28,65231
AKPI	2020	0	0,050752	0,77987731	1,034221	0,024962	28,60342
ALDO	2018	0	0,096508	0,77807079	1,619211	0,095782	27,51195
ALDO	2019	0	0,096508	0,77807079	1,811252	0,09807	27,55318
ALDO	2020	0	0,096508	0,77807079	1,765546	0,068513	27,58346
ALKA	2018	0	0	0,930685597	1,161772	0,035354	27,19865
ALKA	2019	0	0	0,930685597	1,176813	0,01216	27,1282
ALKA	2020	0	0	0,930685597	1,303091	0,015967	26,76026
ALTO	2018	1	0,022355	0,390485771	0,827888	-0,02986	27,73166
ALTO	2019	1	0,022355	0,405544792	0,831374	-0,00648	27,76162
ALTO	2020	1	0,022355	0,403349766	0,787902	-0,0096	27,72137
AMFG	2018	0	0,000184	0,848291935	1,270293	0,000782	29,76313
AMFG	2019	1	0	0,861562442	1,026932	-0,01513	29,79871
AMFG	2020	1	0	0,861562442	0,803881	-0,05413	29,70566
AMIN	2018	0	0,21	0,583924352	1,742249	0,079937	26,72647
AMIN	2019	0	0,21	0,583924352	1,704109	0,024321	26,76514
AMIN	2020	1	0,21	0,583924352	1,315927	-0,16299	26,58227
APLI	2018	1	0,267276	0,588039053	1,002962	-0,0467	26,94421
APLI	2019	0	0,28498	0,588039053	1,40602	0,02287	26,76177
APLI	2020	1	0,28498	0,588039053	1,586079	-0,01581	26,7307
ARNA	2018	0	0,373224	0,139807621	1,736267	0,095715	28,13356
ARNA	2019	0	0,373224	0,139911416	1,736384	0,120989	28,21833
ARNA	2020	0	0,373224	0,140299623	1,963523	0,165576	28,30923
ASII	2018	0	0,000497	0,501148083	1,147183	0,079406	33,47373
ASII	2019	0	0,000606	0,501148083	1,291071	0,075637	33,49453
ASII	2020	0	0,000581	0,501148083	1,543202	0,054911	33,45467
AUTO	2018	0	0	0,799999987	1,478763	0,042846	30,39669
AUTO	2019	0	0	0,799999987	1,612257	0,053292	30,40459
AUTO	2020	0	0	0,799999987	1,85673	-0,00271	30,35101
BAJA	2018	1	0,777822	0	0,853092	-0,1073	27,52697
BAJA	2019	0	0,777822	0	0,850485	0,00133	27,45294
BAJA	2020	0	0,777822	0	0,907814	0,072484	27,35714
BATA	2018	0	0	0,870757846	2,927676	0,077487	27,49961

BATA	2019	0	0	0,870757846	3,309229	0,027158	27,48385
BATA	2020	1	0	0,870641231	1,382184	-0,22927	27,37655
BELL	2018	0	0	0,85862069	1,804373	0,041496	27,09442
BELL	2019	0	0	0,957194207	1,444913	0,042316	27,10489
BELL	2020	1	0	0,906142593	1,370186	-0,02988	27,04086
BIMA	2018	0	0	0,865663824	0,954364	0,023932	25,31018
BIMA	2019	0	0	0,865663824	1,483823	0,012366	26,23078
BIMA	2020	1	0	0,865663824	0,943132	-0,14085	26,13394
BOLT	2018	0	0,224	0,576	1,786859	0,057711	27,90286
BOLT	2019	0	0,224	0,576	2,005526	0,040676	27,86681
BOLT	2020	1	0,224	0,576	1,60528	-0,05128	27,74353
BRNA	2018	1	0,071425	0,649737682	0,983903	-0,00961	28,53172
BRNA	2019	1	0,071425	0,650249882	0,791718	-0,07206	28,44776
BRNA	2020	1	0,071425	0,650249882	0,666092	-0,09516	28,30688
BTEK	2018	0	0	0,475183191	0,518823	0,017994	29,07174
BTEK	2019	1	0	0,415915508	0,512911	-0,01942	29,0939
BTEK	2020	1	0	0,415915508	0,42905	-0,1195	29,08115
BTON	2018	0	0,894444	0	5,788178	0,127955	26,10483
BTON	2019	0	0,894444	0	4,529116	0,005932	26,16378
BTON	2020	0	0,944494	0	4,712272	0,019097	26,18245
BUDI	2018	0	0	0,53402317	1,003156	0,014874	28,85273
BUDI	2019	0	0	0,578477519	1,00646	0,021342	28,72956
BUDI	2020	0	0	0,578477519	1,143814	0,022644	28,71723
CAMP	2018	0	0,849618	0	10,83903	0,061684	27,63529
CAMP	2019	0	0,849618	0	12,6337	0,072583	27,68696
CAMP	2020	0	0,849618	0	13,26726	0,040525	27,71433
CEKA	2018	0	0,007563	0,920119328	5,113036	0,079258	27,78713
CEKA	2019	0	0	0,920119328	4,799719	0,154664	27,96254
CEKA	2020	0	0	0,919766387	4,662722	0,11605	28,07998
CINT	2018	0	0,002707	0,7189905	2,7083	0,027584	26,92049
CINT	2019	0	0,002707	0,7878648	2,377062	0,013847	26,97996
CINT	2020	0	0,00271	0,7878648	2,49389	0,0005	26,93391
CLEO	2018	0	0	0,8125	1,640033	0,075859	27,44942
CLEO	2019	0	0,009953	0,8125	1,174687	0,105013	27,85027
CLEO	2020	0	0,008396	0,813741667	1,722781	0,10128	27,90177
CPIN	2018	0	3,63E-06	0,555335127	2,978735	0,16464	30,95047
CPIN	2019	0	0	0,555335127	2,537991	0,125122	31,00208
CPIN	2020	0	0	0,555335127	2,526264	0,123425	31,07013
CPRO	2018	0	1,68E-05	0,694336024	0,613795	0,26211	29,51391
CPRO	2019	0	1,68E-05	0,694336024	0,310099	-0,05814	29,42282
CPRO	2020	0	8,39E-06	0,694336024	0,334735	0,060292	29,47574
DLTA	2018	0	0	0,816711121	7,198279	0,22194	28,05204
DLTA	2019	0	0	0,845880466	8,050478	0,222874	27,98588

DLTA	2020	0	0	0,845880466	7,498467	0,100733	27,83444
DPNS	2018	0	0,007704	0,666729895	7,736106	0,029114	26,49839
DPNS	2019	0	0,007689	0,666729895	21,70451	0,012377	26,48576
DPNS	2020	0	0,00767	0,666729895	208,4449	0,007566	26,48315
DVLA	2018	0	0	0,921250814	2,88899	0,119235	28,15149
DVLA	2019	0	0	0,921250814	2,913255	0,121196	28,23532
DVLA	2020	0	0	0,921250814	2,51913	0,081579	28,3175
EKAD	2018	0	0	0,784721577	5,049947	0,086778	27,47234
EKAD	2019	0	0	0,784721577	6,916966	0,079942	27,59874
EKAD	2020	0	0	0,795332575	8,105033	0,088661	27,70981
ETWA	2018	1	0	0,481535417	0,021358	-0,12701	27,7178
ETWA	2019	1	0	0,481535417	0,057484	-0,07989	27,74744
ETWA	2020	1	0	0,481535417	0,098371	0,068821	27,6852
FASW	2018	0	0,084504	0,870799614	1,17262	0,128167	30,02574
FASW	2019	0	0	0,9971122	0,70409	0,090107	30,00611
FASW	2020	0	0	0,9971122	0,809416	0,030687	30,0745
GDST	2018	1	0,869494	0,01947525	0,777829	-0,06495	27,9325
GDST	2019	0	0,869494	0,01947525	0,787411	0,015244	28,19553
GDST	2020	1	0,869484	0,01947525	0,609468	-0,04902	28,09358
GGRM	2018	0	0,006729	0,755469344	2,058063	0,112784	31,86654
GGRM	2019	0	0,006729	0,755469344	2,061906	0,138348	31,99599
GGRM	2020	0	0,006729	0,755469344	2,912284	0,097808	31,99018
GJTL	2018	1	0,012357	0,596187719	1,496096	-0,00378	30,61222
GJTL	2019	0	0,011255	0,596187719	1,493811	0,014272	30,56786
GJTL	2020	0	0,010083	0,596187719	1,605362	0,017935	30,50919
HDTX	2018	1	0,028843	0,912232763	0,157977	-0,39184	27,09819
HDTX	2019	1	0,028843	0,960116084	0,086086	-0,15497	26,77251
HDTX	2020	1	0,028843	0,960116084	0,084554	-0,12488	26,67421
HMSP	2018	0	0	0,925	4,301966	0,290509	31,47267
HMSP	2019	0	0	0,925	3,27609	0,269563	31,56094
HMSP	2020	0	0	0,925	2,454136	0,172754	31,5365
HOKI	2018	0	0,01504	0,661700211	2,678396	0,118858	27,35507
HOKI	2019	0	0,01504	0,661700211	2,985895	0,122218	27,46694
HOKI	2020	0	0,01504	0,661700211	2,244001	0,041942	27,53332
HRTA	2018	0	0,029851	0,782646522	3,686841	0,080281	28,06087
HRTA	2019	0	0,037157	0,782646522	10,07222	0,064898	28,46878
HRTA	2020	0	0,004195	0,77494379	12,75718	0,060296	28,67154
ICBP	2018	0	0	0,805329454	1,951733	0,135559	31,16812
ICBP	2019	0	0	0,805329454	2,535695	0,138469	31,2871
ICBP	2020	0	0	0,805329454	2,257613	0,071616	32,27145
IGAR	2018	0	0	0,848188236	5,762511	0,078346	27,06925
IGAR	2019	0	0	0,848188236	7,719023	0,098506	27,1491
IGAR	2020	0	0	0,848188236	10,47979	0,091266	27,22435

IKAI	2018	0	0	0,476964435	0,468946	0,053316	27,92146
IKAI	2019	1	0	0,427082308	0,787329	-0,05283	27,93669
IKAI	2020	1	0	0,22843767	0,479825	-0,0584	27,88194
IMAS	2018	1	0	0,896574252	0,74932	-0,00069	31,34567
IMAS	2019	0	0	0,896574252	0,774869	0,002724	31,43095
IMAS	2020	1	0	0,87904924	0,755805	-0,01396	31,5107
IMPC	2018	0	0,016857	0,898125262	3,564226	0,044521	28,49399
IMPC	2019	0	0,016857	0,898125262	2,451993	0,037241	28,54776
IMPC	2020	0	0,016857	0,899801356	2,074373	0,042937	28,6232
INAF	2018	1	0	0,880057578	1,048662	-0,0227	27,9973
INAF	2019	1	0	0,880057578	1,880791	0,005753	27,95595
INAF	2020	0	0	0,880057578	1,356116	1,75E-05	28,16946
INAI	2018	0	0	0,672667298	1,023313	0,028888	27,96798
INAI	2019	0	0	0,672667298	1,078368	0,027668	27,82403
INAI	2020	0	0	0,672667298	1,112312	0,002859	27,96461
INCF	2018	0	0	0,4575738	1,020504	0,008361	27,00493
INCF	2019	1	0	0,4575738	1,132262	-0,00903	26,87115
INCF	2020	1	0	0,4	1,980377	-0,014	26,90963
INCI	2018	0	0,336149	0	3,036146	0,042609	26,6929
INCI	2019	0	0,337302	0	3,622849	0,034066	26,72825
INCI	2020	0	0,361215	0	3,71746	0,067597	26,82104
INDF	2018	0	0,000157	0,500670833	1,06629	0,051398	32,20096
INDF	2019	0	0,000157	0,500670833	1,272071	0,06136	32,19744
INDF	2020	0	0,000157	0,500670833	1,373263	0,053649	32,72561
INDS	2018	0	0,004353	0,88108261	5,211337	0,04459	28,54022
INDS	2019	0	0,004089	0,88108261	5,828198	0,035798	28,67286
INDS	2020	0	0,004089	0,88108261	6,166799	0,020788	28,66998
INTP	2018	0	0	0,510014315	3,137264	0,041238	30,95565
INTP	2019	0	0	0,510014315	3,31213	0,066238	30,95273
INTP	2020	0	0	0,510014315	2,917323	0,066058	30,93954
ISSP	2018	0	0	0,559430613	1,411469	0,007505	29,50191
ISSP	2019	0	0	0,559430613	1,394977	0,028904	29,49114
ISSP	2020	0	0	0,559430613	1,439938	0,028936	29,43547
JECC	2018	0	0	0,901476852	1,124551	0,042066	28,37398
JECC	2019	0	0	0,901476852	1,252091	0,054278	28,26694
JECC	2020	0	0	0,901476852	1,361375	0,007876	28,04574
JKSW	2018	1	0,013333	0,592313333	2,745463	-0,25488	25,97361
JKSW	2019	1	0,013333	0,592313333	2,422051	-0,00077	25,9197
JKSW	2020	0	0,013333	0,592313333	2,93907	-0,0063	25,8549
JPFA	2018	0	0	0,640833341	1,798226	0,097804	30,76817
JPFA	2019	0	0	0,524289113	1,662777	0,074066	30,91384
JPFA	2020	0	0	0,544674724	1,955021	0,047084	30,88726
KAEF	2018	0	0	0,945682859	1,343915	0,047231	30,05839

KAEF	2019	1	0	0,945682859	0,993594	0,000866	30,54081
KAEF	2020	0	0	0,944721318	0,897769	0,001163	30,49681
KBLI	2018	0	0	0,629866039	2,463987	0,072624	28,80808
KBLI	2019	0	0	0,498286436	2,909155	0,111051	28,89979
KBLI	2020	1	0	0,498286436	5,291505	-0,02449	28,73287
KBLM	2018	0	0,089286	0,818730179	1,303639	0,031328	27,89212
KBLM	2019	0	0,089286	0,817822143	1,363732	0,03009	27,88134
KBLM	2020	0	0,339286	0,478536429	1,906909	0,006393	27,65743
KBRI	2018	1	0	0,75	0,36049	-0,08132	27,86509
KBRI	2019	1	0	0,75	0,337204	-0,10733	27,78908
KBRI	2020	1	0	0,75	0,052584	-0,11782	27,68828
KDSI	2018	0	0,054946	0,784422222	1,169324	0,055168	27,96134
KDSI	2019	0	0,054946	0,784422222	1,23979	0,051123	27,85708
KDSI	2020	0	0,11012	0,784422222	1,64596	0,048309	27,85072
KIAS	2018	1	0	0,982413605	2,914482	-0,04647	28,16425
KIAS	2019	1	0	0,939748455	1,521217	-0,40142	27,8394
KIAS	2020	1	0	0,939748455	1,671932	-0,05067	27,65218
KICI	2018	1	0,002269	0,880818043	6,113721	-0,00567	25,76079
KICI	2019	1	0,002269	0,893471304	7,577986	-0,02076	25,75252
KICI	2020	1	0,002269	0,894087971	7,832223	-6,8E-05	25,77966
KINO	2018	0	0,107536	0,80225792	1,501135	0,04179	28,90978
KINO	2019	0	0,099779	0,80225792	1,347292	0,109802	29,17768
KINO	2020	0	0,124909	0,812260219	1,193747	0,021628	29,29027
KLBF	2018	0	0	0,569655179	4,657703	0,137619	30,52948
KLBF	2019	0	0	0,569658904	4,354683	0,125223	30,6399
KLBF	2020	0	0	0,570701286	4,115977	0,124073	30,74739
KMTR	2018	1	0	0,946999512	1,16798	0,000447	28,89747
KMTR	2019	0	0	0,924999946	10,50393	0,003592	29,0383
KMTR	2020	0	0	0,924999946	1,173165	0,038516	29,26569
LION	2018	0	0,002567	0,576976315	3,513863	0,021086	27,26889
LION	2019	0	0,002567	0,576976315	5,197923	0,001347	27,25708
LION	2020	1	0,002567	0,576976315	6,170661	-0,01477	27,19689
LMPI	2018	1	0,682759	0,235210845	1,385043	-0,05897	27,39112
LMPI	2019	1	0,682759	0,235210845	1,188848	-0,05649	27,32672
LMPI	2020	1	0,682759	0,235210845	1,124504	-0,05919	27,27185
LMSH	2018	0	0,20649	0,32215625	5,293109	0,018039	25,79861
LMSH	2019	1	0,20649	0,32215625	3,721354	-0,12404	25,71431
LMSH	2020	1	0,20649	0,38215625	3,43565	-0,05623	25,6895
LPIN	2018	0	0	0,817050353	7,924806	0,108608	26,43236
LPIN	2019	0	0	0,817050353	13,04157	0,092081	26,50683
LPIN	2020	0	0	0,817050353	9,052381	0,019931	26,5457
MAIN	2018	0	0	0,572704921	1,636512	0,065557	29,09794
MAIN	2019	0	0	0,572704921	1,181186	0,03279	29,16758

MAIN	2020	1	0	0,572704921	1,198592	-0,00833	29,17308
MARK	2018	0	0,022603	0,798730215	2,218933	0,257499	26,48557
MARK	2019	0	0,034937	0,788220608	3,058548	0,199437	26,81289
MARK	2020	0	0,026343	0,788220608	1,462717	0,200346	27,30214
MBTO	2018	1	0,000817	0,677503271	1,633439	-0,17612	27,19718
MBTO	2019	1	0,000817	0,677503271	1,247844	-0,11326	27,10519
MBTO	2020	1	0,000817	0,677503271	0,616551	-0,20675	27,61376
MDKI	2018	0	0,099532	0,769399086	7,016997	0,036965	27,54117
MDKI	2019	0	0,099532	0,769399086	7,050844	0,03557	27,55176
MDKI	2020	0	0,100718	0,755196964	9,282747	0,041168	27,60435
MERK	2018	0	0	0,866506518	1,371946	0,029592	27,8646
MERK	2019	0	0	0,866506518	2,508539	0,08685	27,52684
MERK	2020	0	0	0,866506518	2,54706	0,077322	27,55834
MGNA	2018	1	0	0,479024138	0,292393	-0,00155	26,04372
MGNA	2019	0	0	0,479024138	0,023173	0,453454	25,21009
MGNA	2020	1	0	0,479024138	0,011482	-0,0497	22,64107
MLBI	2018	0	0	0,817822022	0,778356	0,423882	28,6921
MLBI	2019	0	0	0,817822022	0,731924	0,41632	28,69468
MLBI	2020	0	0	0,817822022	0,888542	0,098237	28,69829
MLIA	2018	0	0,082672	0,67247598	0,934974	0,035922	29,29186
MLIA	2019	0	0,000267	0,67247598	1,253154	0,022017	29,38163
MLIA	2020	0	0,000267	0,67247598	1,051308	0,009589	29,37939
MRAT	2018	1	0	0,801688785	3,110172	-0,00441	26,96137
MRAT	2019	1	0	0,712621495	2,887451	0,000247	27,00134
MRAT	2020	1	0	0,712621495	2,209261	-0,01209	27,05084
MYOR	2018	0	0,252199	0,590708386	2,654598	0,100072	30,49845
MYOR	2019	0	0,252199	0,590708386	3,428575	0,107754	30,57745
MYOR	2020	0	0,252199	0,590708386	3,694254	0,106089	30,61557
MYTX	2018	1	0	0,797291326	0,428385	-0,04543	28,95213
MYTX	2019	1	0	0,949723891	0,441891	-0,06539	28,93563
MYTX	2020	1	0	0,949723891	0,380492	-0,02956	28,98803
PBID	2018	0	0,117781	0,746666667	2,385813	0,129644	28,46207
PBID	2019	0	0,117781	0,746666667	2,606367	0,095611	28,48071
PBID	2020	0	0,114663	0,746666667	3,804935	0,154319	28,51533
PCAR	2018	1	0	0,356406847	3,60919	-0,07141	25,48905
PCAR	2019	1	0	0,301410457	2,450576	-0,08223	25,54946
PCAR	2020	1	0	0,301410457	2,968439	-0,15441	25,3614
PICO	2018	0	0,000818	0,940150429	1,237179	0,018443	27,47195
PICO	2019	0	0,000391	0,763611679	0,697163	0,006635	27,75189
PICO	2020	1	0,054069	0,652100379	0,602276	-0,05893	27,71977
PRAS	2018	0	0,049563	0,540684693	0,772474	0,003887	28,123
PRAS	2019	1	0,049563	0,540684693	0,601606	-0,02633	28,13611
PRAS	2020	1	0,049563	0,540684693	2,379599	-0,00297	28,1432

PSDN	2018	1	0,045822	0,658097601	1,027909	-0,06679	27,27099
PSDN	2019	1	0,045822	0,662002115	0,755719	-0,03374	27,36117
PSDN	2020	1	0,045822	0,680991351	0,820593	-0,06834	27,36363
PYFA	2018	0	0,115385	0,53846149	2,757471	0,04516	25,95468
PYFA	2019	0	0,115385	0,53846149	3,527686	0,04897	25,97442
PYFA	2020	0	0	0,370081136	2,890426	0,096705	26,15513
RICY	2018	0	0	0,480410142	1,218332	0,012003	28,06255
RICY	2019	0	0	0,480410142	1,259824	0,01063	28,11336
RICY	2020	1	0	0,480410142	1,334021	-0,04466	28,18312
RMBA	2018	1	0	0,93204242	1,589825	-0,04089	30,33101
RMBA	2019	0	0	0,93204242	1,906512	0,002977	30,46425
RMBA	2020	1	0	0,93204242	2,197754	-0,21398	30,15387
ROTI	2018	0	0	0,731113931	3,571241	0,028943	29,11122
ROTI	2019	0	0	0,731113931	1,693329	0,050516	29,17476
ROTI	2020	0	0	0,828074699	3,830308	0,037872	29,12441
SCCO	2018	0	0	0,71151484	1,907504	0,06098	29,05778
SCCO	2019	0	0	0,71151484	2,094953	0,068988	29,11277
SCCO	2020	0	0	0,750428488	4,399675	0,063615	28,95108
SCNP	2018	0	0,25	0,375	4,148129	0,103862	26,63119
SCNP	2019	0	0,041667	0,89583333	7,27758	0,050183	26,58736
SCNP	2020	1	0,033333	0,876666664	4,258521	-0,04076	26,86622
SIDO	2018	0	0	0,81	4,201276	0,198898	28,83628
SIDO	2019	0	0	0,81	4,197508	0,228836	28,89219
SIDO	2020	0	0	0,81	3,664149	0,242632	28,97897
SIPD	2018	0	0	0,862094647	1,102022	0,011853	28,41395
SIPD	2019	0	0	0,862094647	1,184192	0,032288	28,53556
SIPD	2020	0	0	0,868554869	1,081386	0,010902	28,58378
SKBM	2018	0	0,022193	0,827938968	1,383267	0,009007	28,20277
SKBM	2019	0	0,022193	0,827938968	1,330097	0,000526	28,23007
SKBM	2020	0	0,022193	0,827938968	1,360576	0,003062	28,20124
SKLT	2018	0	0,008233	0,840568926	1,224427	0,04276	27,33972
SKLT	2019	0	0,008233	0,840568926	1,290066	0,05683	27,39637
SKLT	2020	0	0,008233	0,840568926	1,536702	0,054945	27,37466
SMBR	2018	0	0	0,919173424	2,134369	0,013737	29,34267
SMBR	2019	0	0	0,918915522	2,287989	0,005398	29,34864
SMBR	2020	0	0	0,918915522	1,330284	0,001914	29,37799
SMCB	2018	1	0	0,806432659	0,266708	-0,04436	30,55779
SMCB	2019	0	0	0,983067623	1,08211	0,025504	30,60489
SMCB	2020	0	0	0,983067623	1,018098	0,031391	30,66299
SMGR	2018	0	0	0,51005577	1,967161	0,060762	31,5586
SMGR	2019	0	0	0,51005577	1,360963	0,029712	32,01063
SMGR	2020	0	0	0,51005577	1,352719	0,034284	31,98781
SMSM	2018	0	0,079849	0,581255836	3,943244	0,226171	28,66107

SMSM	2019	0	0,079805	0,581255836	4,636516	0,205562	28,76467
SMSM	2020	0	0,079805	0,581255836	5,760598	0,159713	28,84757
SPMA	2018	0	0	0,92369811	3,761426	0,036022	28,45644
SPMA	2019	0	0	0,92369811	1,619983	0,050351	28,49481
SPMA	2020	0	0	0,92369811	1,732538	0,070173	28,47089
SQBI	2018	0	0	0,991811582	3,573541	0,323703	26,86321
SQBI	2019	0	0	0,991811582	3,369174	0,344707	26,89545
SQBI	2020	0	0	0,991811582	3,325437	0,363482	26,92245
SRSN	2018	0	0,290304	0,32794	2,4528	0,056401	27,25528
SRSN	2019	0	0,279283	0,32794	2,468949	0,054962	27,38159
SRSN	2020	0	0,284086	0,32794	2,171338	0,048688	27,53324
SSTM	2018	1	0,365991	0,409937857	2,229971	0,001978	27,05508
SSTM	2019	1	0,372611	0,409937857	1,585871	-0,0316	26,96698
SSTM	2020	1	0,354008	0,409937857	1,493572	-0,03185	26,90135
STTP	2018	0	0,001633	0,567633969	1,848464	0,096948	28,59846
STTP	2019	0	0,001633	0,567633969	2,852958	0,167475	28,68935
STTP	2020	0	0,001633	0,567633969	2,405044	0,182264	28,8691
TALF	2018	0	0	0,994296438	2,591806	0,046288	27,72993
TALF	2019	0	0	0,994296438	2,701246	0,020658	27,91551
TALF	2020	0	0	0,994296438	1,861136	0,012539	28,01932
TCID	2018	0	0,01201	7,046113607	5,759108	0,070773	28,52512
TCID	2019	0	0,01201	7,243872939	5,399207	0,055982	28,58376
TCID	2020	1	0,012959	7,243872939	9,221651	-0,02347	28,47858
TIRT	2018	1	0	0,78044412	1,081817	-0,0395	27,55129
TIRT	2019	1	0	0,78044412	1,016598	-0,05777	27,52085
TIRT	2020	1	0	0,813946636	0,3386	-1,04984	26,70146
TRIS	2018	0	0,002332	0,889872053	1,59886	0,038728	27,77762
TRIS	2019	0	0,0024	0,889872053	1,818064	0,03616	27,76839
TRIS	2020	1	0,002401	0,889872053	1,888855	-0,00373	27,69769
TRST	2018	0	0,062686	0,577695094	1,137036	0,014748	29,08612
TRST	2019	0	0,062686	0,577695094	1,072382	0,008947	29,10097
TRST	2020	0	0,062686	0,577695094	1,149103	0,017351	29,07164
TSPC	2018	0	0,000451	0,79905036	2,516171	0,068663	29,69408
TSPC	2019	0	0,000319	0,804405204	2,780823	0,071082	29,75601
TSPC	2020	0	0,000459	0,81648036	2,958679	0,091642	29,83981
UCID	2018	0	0	0,800000014	1,731641	0,025232	29,60227
UCID	2019	0	0	0,800000014	2,402562	0,047944	29,74921
UCID	2020	0	0	0,800000014	1,760242	0,040772	29,665
ULTJ	2018	0	0,34344	0,362948725	4,398131	0,126282	29,34588
ULTJ	2019	0	0,360142	0,363814262	4,444074	0,156749	29,51937
ULTJ	2020	0	0,481726	0,213986954	2,403355	0,126759	29,80055
UNIT	2018	0	0	0,29398738	0,739015	0,002491	26,77861
UNIT	2019	0	0	0,29398738	0,846463	0,001207	26,76281

UNIT	2020	0	0	0,29398738	0,965978	0,001621	26,75811
UNVR	2018	0	0	0,849918414	0,732485	0,446758	30,64296
UNVR	2019	0	0	0,849918414	0,6529	0,358018	30,65871
UNVR	2020	0	0	0,849918414	0,660927	0,348851	30,65313
VOKS	2018	0	0	0,515959854	1,275828	0,042436	28,54145
VOKS	2019	0	0	0,461438282	1,775274	0,068776	28,7389
VOKS	2020	0	0	0,401027318	1,204919	0,000955	28,70111
WIIM	2018	0	0,380094	0,055241416	5,918546	0,040733	27,85861
WIIM	2019	0	0,380094	0,05097516	6,023923	0,021029	27,89302
WIIM	2020	0	0,384237	0	3,66331	0,106852	28,11001
WOOD	2018	0	0,00892	0,792864222	1,268133	0,052743	29,15457
WOOD	2019	0	5,04E-05	0,743081436	1,296134	0,039575	29,3392
WOOD	2020	0	8,66E-05	0,7187266	1,330302	0,052864	29,41425
WSBP	2018	0	0	0,600000001	1,396993	0,07249	30,35379
WSBP	2019	0	0	0,600000001	1,621319	0,049919	30,41289
WSBP	2020	1	0	0,600000001	0,674793	-0,45086	29,98786
WTON	2018	0	0,001908	0,674999965	1,118639	0,054791	29,81502
WTON	2019	0	0,000378	0,669957194	1,157199	0,049402	29,96684
WTON	2020	0	0,008557	0,668600548	1,115069	0,014473	29,77215
YPAS	2018	1	0,003517	0,894686258	1,02989	-0,02732	26,52525
YPAS	2019	0	0,003517	0,894686258	1,5565	0,012539	26,35174
YPAS	2020	0	0,003517	0,894686258	1,749362	0,030223	26,34288