

PEFINDO BETA STOCK

Edition: 10-June-2021

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
1.	AALI	Astra Agro Lestari Tbk.	1.842	1.561
2.	ABBA	Mahaka Media Tbk.	0.521	0.681
3.	ABDA	Asuransi Bina Dana Arta Tbk.	0.340	0.560
4.	ABMM	ABM Investama Tbk.	0.078	0.386
5.	ACES	Ace Hardware Indonesia Tbk.	0.945	0.963
6.	ACST	Acset Indonusa Tbk.	2.231	1.821
7.	ADES	Akasha Wira International Tbk.	0.982	0.988
8.	ADHI	Adhi Karya (Persero) Tbk.	1.955	1.637
9.	ADMF	Adira Dinamika Multi Finance Tbk.	0.844	0.896
10.	ADMG	Polychem Indonesia Tbk.	1.515	1.343
11.	ADRO	Adaro Energy Tbk.	0.930	0.953
12.	AGII	Aneka Gas Industri Tbk.	0.912	0.941
13.	AGRO	Bank Rakyat Indonesia Agroniaga Tbk.	2.206	1.804
14.	AGRS	Bank Agris Tbk.	0.581	0.721
15.	AHAP	Asuransi Harta Aman Pratama Tbk.	0.081	0.387
16.	AIMS	Akbar Indo Makmur Stimec Tbk.	0.002	0.335
17.	AKPI	Argha Karya Prima Industry Tbk.	0.517	0.678
18.	AKRA	AKR Corporindo Tbk.	1.584	1.389
19.	AKSI	Majapahit Inti Corpora Tbk.	1.299	1.199
20.	ALDO	Alkindo Naratama Tbk.	0.211	0.474
21.	ALKA	Alakasa Industrindo Tbk.	0.019	0.346
22.	ALMI	Alumindo Light Metal Industry Tbk.	1.194	1.130
23.	ALTO	Tri Banyan Tirta Tbk.	0.039	0.359
24.	AMFG	Asahimas Flat Glass Tbk.	0.615	0.743
25.	AMIN	Ateliers Mecaniques D Indonesie Tbk.	0.434	0.623
26.	AMRT	Sumber Alfaria Trijaya Tbk.	0.402	0.602
27.	ANJT	Austindo Nusantara Jaya Tbk.	0.542	0.695
28.	ANTM	Aneka Tambang (Persero) Tbk.	1.973	1.648
29.	APEX	Apexindo Pratama Duta Tbk.	0.200	0.467
30.	APIC	Pacific Strategic Financial Tbk.	0.198	0.465
31.	APLI	Asiaplast Industries Tbk.	0.612	0.742
32.	APLN	Agung Podomoro Land Tbk.	1.678	1.452
33.	ARGO	Argo Pantes Tbk.	0.508	0.672
34.	ARII	Atlas Resources Tbk.	0.396	0.598
35.	ARNA	Arwana Citramulia Tbk.	0.710	0.806
36.	ARTA	Arthavest Tbk.	0.991	0.994
37.	ASBI	Asuransi Bintang Tbk.	0.052	0.368
38.	ASDM	Asuransi Dayin Mitra Tbk.	0.126	0.417
39.	ASGR	Astra Graphia Tbk.	0.766	0.844
40.	ASII	Astra International Tbk.	1.605	1.404

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41.	ASJT	Asuransi Jasa Tania Tbk.	0.704	0.803
42.	ASMI	Asuransi Mitra Maparya Tbk.	0.397	0.598
43.	ASRI	Alam Sutera Realty Tbk.	1.581	1.387
44.	ASRM	Asuransi Ramayana Tbk.	0.228	0.485
45.	ASSA	Adi Sarana Armada Tbk.	2.080	1.720
46.	AUTO	Astra Otoparts Tbk.	1.218	1.145
47.	BABP	Bank MNC Internasional Tbk.	0.041	0.361
48.	BAJA	Saranacentral Bajatama Tbk.	0.636	0.757
49.	BALI	Bali Towerindo Sentra Tbk.	0.370	0.580
50.	BAPA	Bekasi Asri Pemula Tbk.	0.282	0.521
51.	BATA	Sepatu Bata Tbk.	0.084	0.389
52.	BBCA	Bank Central Asia Tbk.	0.976	0.984
53.	BBHI	Bank Harda Internasional Tbk.	1.193	1.129
54.	BBKP	Bank Bukopin Tbk.	2.023	1.682
55.	BBMD	Bank Mestika Dharma Tbk.	1.008	1.005
56.	BBNI	Bank Negara Indonesia (Persero) Tbk.	1.919	1.613
57.	BBRI	Bank Rakyat Indonesia (Persero) Tbk.	1.573	1.382
58.	BBRM	Pelayaran Nasional Bina Buana Raya Tbk.	0.082	0.388
59.	BBTN	Bank Tabungan Negara (Persero) Tbk.	2.059	1.706
60.	BBYB	Bank Yudha Bhakti Tbk.	0.486	0.657
61.	BCIC	Bank JTrust Indonesia Tbk.	0.287	0.525
62.	BCIP	Bumi Citra Permai Tbk.	0.159	0.439
63.	BDMN	Bank Danamon Indonesia Tbk.	1.821	1.547
64.	BEST	Bekasi Fajar Industrial Estate Tbk.	1.598	1.399
65.	BFIN	BFI Finance Indonesia Tbk.	1.369	1.246
66.	BGTG	Bank Ganesha Tbk.	0.385	0.590
67.	BHIT	MNC Investama Tbk.	0.662	0.775
68.	BIKA	Binakarya Jaya Abadi Tbk.	0.144	0.429
69.	BIMA	Primarindo Asia Infrastructure Tbk.	0.009	0.339
70.	BIPI	Benakat Petroleum Energy Tbk.	0.110	0.407
71.	BIPP	Bhuwanatala Indah Permai Tbk.	0.160	0.440
72.	BIRD	Blue Bird Tbk.	1.566	1.377
73.	BISI	BISI International Tbk.	1.002	1.001
74.	BJBR	Bank Pembangunan Daerah Jawa Barat dan Bante	1.302	1.201
75.	BJTM	Bank Pembangunan Daerah Jawa Timur Tbk.	1.132	1.088
76.	BKDP	Bukit Darmo Property Tbk.	0.239	0.493
77.	BKSL	Sentul City Tbk.	0.728	0.819
78.	BKSW	Bank QNB Indonesia Tbk.	0.757	0.838
79.	BLTA	Berlian Laju Tanker Tbk.	0.088	0.392
80.	BLTZ	Graha Layar Prima Tbk.	0.157	0.438

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81.	BMAS	Bank Maspion Indonesia Tbk.	0.408	0.605
82.	BMRI	Bank Mandiri (Persero) Tbk.	1.638	1.425
83.	BMSR	Bintang Mitra Semestaraya Tbk.	0.866	0.911
84.	BMTR	Global Mediacom Tbk.	1.762	1.508
85.	BNBA	Bank Bumi Arta Tbk.	0.491	0.660
86.	BNBR	Bakrie & Brothers Tbk.	0.164	0.443
87.	BNGA	Bank CIMB Niaga Tbk.	1.311	1.208
88.	BNII	Bank Maybank Indonesia Tbk.	1.275	1.184
89.	BNLI	Bank Permata Tbk.	1.242	1.162
90.	BOLT	Garuda Metalindo Tbk.	0.515	0.677
91.	BOSS	Borneo Olah Sarana Sukses Tbk.	1.278	1.185
92.	BPFI	Batavia Prosperindo Finance Tbk.	0.431	0.621
93.	BPII	Batavia Prosperindo Internasional Tbk.	0.065	0.377
94.	BRAM	Indo Kordsa Tbk.	1.027	1.018
95.	BRIS	Bank BRI syariah Tbk.	2.033	1.689
96.	BRMS	Bumi Resources Minerals Tbk.	0.033	0.356
97.	BRNA	Berlina Tbk.	0.185	0.456
98.	BRPT	Barito Pacific Tbk.	1.911	1.607
99.	BSDE	Bumi Serpong Damai Tbk.	1.496	1.331
100.	BSIM	Bank Sinarmas Tbk.	0.175	0.450
101.	BSSR	Baramulti Suksessarana Tbk.	0.191	0.461
102.	BTEK	Bumi Teknokultura Unggul Tbk.	0.130	0.420
103.	BTON	Betonjaya Manunggal Tbk.	1.328	1.219
104.	BTPN	Bank Tabungan Pensiunan Nasional Tbk.	1.070	1.046
105.	BTPS	Bank Tabungan Pensiunan Nasional Syariah Tbk.	1.726	1.484
106.	BUDI	Budi Starch & Sweetener Tbk.	0.585	0.723
107.	BUKK	Bukaka Teknik Utama Tbk.	0.171	0.447
108.	BULL	Buana Listya Tama Tbk.	0.553	0.702
109.	BUMI	Bumi Resources Tbk.	0.473	0.648
110.	BUVA	Bukit Uluwatu Villa Tbk.	0.490	0.660
111.	BVIC	Bank Victoria International Tbk.	0.402	0.601
112.	BWPT	Eagle High Plantations Tbk.	1.836	1.557
113.	BYAN	Bayan Resources Tbk.	0.023	0.349
114.	CAMP	Campina Ice Cream Industry Tbk.	1.406	1.271
115.	CARS	Industri dan Perdagangan Bintraco Dharma Tbk.	0.967	0.978
116.	CEKA	Wilmar Cahaya Indonesia Tbk.	0.892	0.928
117.	CENT	Centrin Online Tbk.	1.535	1.357
118.	CFIN	Clipan Finance Indonesia Tbk.	0.868	0.912
119.	CINT	Chitose Internasional Tbk.	0.146	0.430
120.	CITA	Cita Mineral Investindo Tbk.	0.320	0.547

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No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
121.	CLEO	Sariguna Primatirta Tbk.	0.803	0.869
122.	CLPI	Colorpak Indonesia Tbk.	0.933	0.955
123.	CMNP	Citra Marga Nusaphala Persada Tbk.	0.278	0.518
124.	CNKO	Exploitasi Energi Indonesia Tbk.	0.000	0.334
125.	CNTX	Century Textile Industry Tbk.	0.405	0.603
126.	COWL	Cowell Development Tbk.	0.165	0.444
127.	CPIN	Charoen Pokphand Indonesia Tbk.	1.612	1.408
128.	CSAP	Catur Sentosa Adiprana Tbk.	0.335	0.557
129.	CSIS	Cahayasakti Investindo Sukses Tbk.	0.544	0.696
130.	CTBN	Citra Tubindo Tbk.	0.620	0.746
131.	CTRA	Ciputra Development Tbk.	1.924	1.616
132.	CTTH	Citatah Tbk.	0.175	0.450
133.	DART	Duta Anggada Realty Tbk.	0.016	0.344
134.	DEFI	Danasupra Erapacific Tbk.	0.251	0.500
135.	DEWA	Darma Henwa Tbk.	0.002	0.335
136.	DFAM	Dafam Property Indonesia Tbk.	0.285	0.524
137.	DGIK	Nusa Konstruksi Enjiniring Tbk.	0.025	0.350
138.	DILD	Intiland Development Tbk.	0.621	0.747
139.	DKFT	Central Omega Resources Tbk.	1.242	1.161
140.	DLTA	Delta Djakarta Tbk.	0.787	0.858
141.	DMAS	Puradelta Lestari Tbk.	1.961	1.641
142.	DOID	Delta Dunia Makmur Tbk.	2.260	1.840
143.	DPNS	Duta Pertiwi Nusantara Tbk.	0.707	0.805
144.	DPUM	Dua Putra Utama Makmur Tbk.	0.005	0.337
145.	DSFI	Dharma Samudera Fishing Industries Tbk.	0.652	0.768
146.	DSNG	Dharma Satya Nusantara Tbk.	0.758	0.839
147.	DUTI	Duta Pertiwi Tbk.	0.251	0.501
148.	DVLA	Darya-Varia Laboratoria Tbk.	0.258	0.505
149.	DWGL	Dwi Guna Laksana Tbk.	0.342	0.561
150.	DYAN	Dyandra Media International Tbk.	0.810	0.874
151.	ECII	Electronic City Indonesia Tbk.	0.384	0.589
152.	EKAD	Ekadharna International Tbk.	0.998	0.999
153.	ELSA	Elnusa Tbk.	1.529	1.353
154.	EMDE	Megapolitan Developments Tbk.	0.053	0.369
155.	EMTK	Elang Mahkota Teknologi Tbk.	0.050	0.367
156.	ENRG	Energi Mega Persada Tbk.	0.388	0.592
157.	EPMT	Enseval Putera Megatrading Tbk.	0.032	0.355
158.	ERAA	Erajaya Swasembada Tbk.	2.323	1.882
159.	ESSA	Surya Esa Perkasa Tbk.	1.511	1.341
160.	ESTI	Ever Shine Tex Tbk.	0.131	0.420

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No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
161.	ETWA	Eterindo Wahanatama Tbk.	0.613	0.742
162.	EXCL	XL Axiata Tbk.	1.317	1.212
163.	FAST	Fast Food Indonesia Tbk.	0.412	0.608
164.	FASW	Fajar Surya Wisesa Tbk.	0.110	0.407
165.	FISH	FKS Multi Agro Tbk.	0.848	0.899
166.	FORU	Fortune Indonesia Tbk.	0.109	0.406
167.	FPNI	Lotte Chemical Titan Tbk.	0.941	0.960
168.	FREN	Smartfren Telecom Tbk.	2.320	1.880
169.	GAMA	Gading Development Tbk.	0.029	0.353
170.	GDST	Gunawan Dianjaya Steel Tbk.	0.366	0.577
171.	GDYR	Goodyear Indonesia Tbk.	0.387	0.591
172.	GEMA	Gema Grahasarana Tbk.	0.126	0.418
173.	GEMS	Golden Energy Mines Tbk.	0.182	0.455
174.	GGRM	Gudang Garam Tbk.	1.008	1.006
175.	GHON	Gihon Telekomunikasi Indonesia Tbk.	0.204	0.469
176.	GIAA	Garuda Indonesia (Persero) Tbk.	1.832	1.555
177.	GJTL	Gajah Tunggal Tbk.	1.725	1.484
178.	GLOB	Global Teleshop Tbk.	0.519	0.680
179.	GMFI	Garuda Maintenance Facility Aero Asia Tbk.	1.221	1.148
180.	GMTD	Gowa Makassar Tourism Development Tbk.	0.076	0.384
181.	GOLD	Golden Retailindo Tbk.	0.440	0.627
182.	GPRA	Perdana Gapuraprima Tbk.	0.373	0.582
183.	GTBO	Garda Tujuh Buana Tbk.	0.873	0.915
184.	GWSA	Greenwood Sejahtera Tbk.	1.249	1.166
185.	GZCO	Gozco Plantations Tbk.	0.079	0.386
186.	HDFA	HD Finance Tbk.	0.216	0.477
187.	HEAL	Medikaloka Hermina Tbk.	0.822	0.881
188.	HELI	Jaya Trishindo Tbk.	0.217	0.478
189.	HERO	Hero Supermarket Tbk.	0.022	0.348
190.	HEXA	Hexindo Adiperkasa Tbk.	0.987	0.991
191.	HITS	Humpuss Intermoda Transportasi Tbk.	0.303	0.535
192.	HMSP	H.M. Sampoerna Tbk.	0.931	0.954
193.	HOKI	Buyung Poetra Sembada Tbk.	0.755	0.836
194.	HRTA	Hartadinata Abadi Tbk.	0.335	0.557
195.	HRUM	Harum Energy Tbk.	0.264	0.510
196.	IBFN	Intan Baruprana Finance Tbk.	0.572	0.715
197.	ICBP	Indofood CBP Sukses Makmur Tbk.	0.533	0.689
198.	ICON	Island Concepts Indonesia Tbk.	0.480	0.654
199.	IDPR	Indonesia Pondasi Raya Tbk.	1.146	1.097
200.	IGAR	Champion Pacific Indonesia Tbk.	0.840	0.893

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No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
201.	IKAI	Intikeramik Alamasri Industri Tbk.	0.220	0.480
202.	IKBI	Sumi Indo Kabel Tbk.	0.537	0.692
203.	IMAS	Indomobil Sukses Internasional Tbk.	2.126	1.750
204.	IMJS	Indomobil Multi Jasa Tbk.	1.816	1.544
205.	IMPC	Impack Pratama Industri Tbk.	0.176	0.451
206.	INAF	Indofarma Tbk.	0.403	0.602
207.	INAI	Indal Aluminium Industry Tbk.	0.355	0.570
208.	INCF	Amstelco Indonesia Tbk	0.911	0.941
209.	INCI	Intanwijaya Internasional Tbk.	0.545	0.697
210.	INCO	Vale Indonesia Tbk.	1.683	1.455
211.	INDF	Indofood Sukses Makmur Tbk.	0.856	0.904
212.	INDR	Indo-Rama Synthetics Tbk.	1.248	1.165
213.	INDS	Indospring Tbk.	0.764	0.843
214.	INDX	Tanah Laut Tbk.	0.223	0.482
215.	INDY	Indika Energy Tbk.	1.452	1.301
216.	INKP	Indah Kiat Pulp & Paper Tbk.	2.094	1.729
217.	INPC	Bank Artha Graha Internasional Tbk.	0.299	0.533
218.	INPP	Indonesian Paradise Property Tbk.	0.919	0.946
219.	INTA	Intraco Penta Tbk.	0.507	0.671
220.	INTP	Indocement Tunggul Prakasa Tbk.	1.309	1.206
221.	IPCM	Jasa Armada Indonesia Tbk.	1.349	1.233
222.	IPOL	Indopoly Swakarsa Industry Tbk.	0.885	0.924
223.	ISAT	Indosat Tbk.	1.910	1.606
224.	ISSP	Steel Pipe Industry of Indonesia Tbk.	1.129	1.086
225.	ITMA	Sumber Energi Andalan Tbk.	1.128	1.086
226.	ITMG	Indo Tambangraya Megah Tbk.	1.078	1.052
227.	JAWA	Jaya Agra Wattie Tbk.	0.151	0.434
228.	JGLE	Graha Andrasentra Propertindo Tbk.	0.033	0.355
229.	JIHD	Jakarta International Hotels & Development Tbk.	0.132	0.421
230.	JMAS	Asuransi Jiwa Syariah Jasa Mitra Abadi Tbk.	0.778	0.852
231.	JPFA	Japfa Comfeed Indonesia Tbk.	1.676	1.450
232.	JRPT	Jaya Real Property Tbk.	0.715	0.810
233.	JSMR	Jasa Marga (Persero) Tbk.	1.541	1.361
234.	JSPT	Jakarta Setiabudi Internasional Tbk.	0.109	0.406
235.	JTPE	Jasuindo Tiga Perkasa Tbk.	0.469	0.646
236.	KAEF	Kimia Farma Tbk.	0.188	0.458
237.	KARW	ICTSI Jasa Prima Tbk.	0.217	0.478
238.	KBLI	KMI Wire & Cable Tbk.	0.734	0.823
239.	KBLM	Kabelindo Murni Tbk.	0.061	0.374
240.	KBLV	First Media Tbk.	0.022	0.348

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No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
241.	KDSI	Kedawung Setia Industrial Tbk.	1.137	1.092
242.	KIAS	Keramika Indonesia Assosiasi Tbk.	0.211	0.474
243.	KIJA	Kawasan Industri Jababeka Tbk.	1.232	1.154
244.	KINO	Kino Indonesia Tbk.	1.100	1.066
245.	KIOS	Kioson Komersial Indonesia Tbk.	0.682	0.788
246.	KKGI	Resource Alam Indonesia Tbk.	0.928	0.952
247.	KLBF	Kalbe Farma Tbk.	1.143	1.095
248.	KMTR	Kirana Megatara Tbk.	1.393	1.262
249.	KOBX	Kobexindo Tractors Tbk.	1.146	1.097
250.	KOIN	Kokoh Inti Arebama Tbk.	0.277	0.518
251.	KONI	Perdana Bangun Pusaka Tbk.	1.162	1.108
252.	KOPI	Mitra Energi Persada Tbk.	0.086	0.391
253.	KPAL	Steadfast Marine Tbk.	1.450	1.300
254.	KPIG	MNC Land Tbk.	0.135	0.423
255.	KRAH	Grand Kartech Tbk.	1.390	1.260
256.	KRAS	Krakatau Steel (Persero) Tbk.	2.236	1.824
257.	KREN	Kresna Graha Sekurindo Tbk.	1.015	1.010
258.	LCKM	LCK Global Kedaton Tbk.	0.001	0.334
259.	LEAD	Logindo Samudramakmur Tbk.	0.319	0.546
260.	LINK	Link Net Tbk.	0.655	0.770
261.	LION	Lion Metal Works Tbk.	0.639	0.759
262.	LMAS	Limas Centric Indonesia Tbk.	1.428	1.285
263.	LMPI	Langgeng Makmur Industri Tbk.	0.053	0.368
264.	LPCK	Lippo Cikarang Tbk.	2.053	1.702
265.	LPIN	Multi Prima Sejahtera Tbk.	0.798	0.865
266.	LPKR	Lippo Karawaci Tbk.	1.320	1.213
267.	LPPF	Matahari Department Store Tbk.	1.771	1.514
268.	LPPS	Lippo Securities Tbk.	0.485	0.656
269.	LRNA	Eka Sari Lorena Transport Tbk.	0.249	0.500
270.	LSIP	PP London Sumatra Indonesia Tbk.	1.304	1.203
271.	LTLS	Lautan Luas Tbk.	0.573	0.715
272.	MAGP	Multi Agro Gemilang Plantation Tbk.	0.006	0.337
273.	MAIN	Malindo Feedmill Tbk.	2.138	1.759
274.	MAPB	MAP Boga Adiperkasa Tbk.	0.438	0.625
275.	MAPI	Mitra Adiperkasa Tbk.	1.618	1.412
276.	MARK	Mark Dynamics Indonesia Tbk.	1.122	1.082
277.	MASA	Multistrada Arah Sarana Tbk.	0.302	0.535
278.	MAYA	Bank Mayapada Internasional Tbk.	0.509	0.673
279.	MBAP	Mitrabara Adiperdana Tbk.	0.898	0.932
280.	MBSS	Mitrabahtera Segara Sejati Tbk.	1.244	1.163

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281.	MBTO	Martina Berto Tbk.	0.282	0.521
282.	MCAS	M Cash Integrasi Tbk.	1.617	1.411
283.	MCOR	Bank Windu Kentjana International Tbk.	1.211	1.141
284.	MDIA	Intermedia Capital Tbk.	0.088	0.392
285.	MDKA	Merdeka Copper Gold Tbk.	0.797	0.864
286.	MDKI	Emdeki Utama Tbk.	0.316	0.544
287.	MDLN	Modernland Realty Ltd. Tbk.	1.491	1.327
288.	MEDC	Medco Energi International Tbk.	1.726	1.484
289.	MERK	Merck Tbk.	1.242	1.162
290.	META	Nusantara Infrastructure Tbk.	0.623	0.749
291.	MFIN	Mandala Multifinance Tbk.	0.600	0.734
292.	MFMI	Multifiling Mitra Indonesia Tbk.	0.524	0.683
293.	MICE	Multi Indocitra Tbk.	0.292	0.528
294.	MIKA	Mitra Keluarga Karyasehat Tbk.	0.739	0.826
295.	MINA	Sanurhasta Mitra Tbk.	0.612	0.741
296.	MKNT	Mitra Komunikasi Nusantara Tbk.	0.063	0.375
297.	MLBI	Multi Bintang Indonesia Tbk.	0.732	0.821
298.	MLIA	Mulia Industrindo Tbk.	0.545	0.696
299.	MLPL	Multipolar Tbk.	1.178	1.119
300.	MLPT	Multipolar Technology Tbk.	0.646	0.764
301.	MMLP	Mega Manunggal Property Tbk.	0.479	0.653
302.	MNCN	Media Nusantara Citra Tbk.	1.443	1.295
303.	MPMX	Mitra Pinasthika Mustika Tbk.	0.584	0.723
304.	MPOW	Megapower Makmur Tbk.	0.746	0.831
305.	MPPA	Matahari Putra Prima Tbk.	1.392	1.261
306.	MRAT	Mustika Ratu Tbk.	0.411	0.607
307.	MSIN	MNC Studios International Tbk.	0.382	0.588
308.	MSKY	MNC Sky Vision Tbk.	0.303	0.535
309.	MTDL	Metrodata Electronics Tbk.	1.286	1.190
310.	MTLA	Metropolitan Land Tbk.	0.742	0.828
311.	MTWI	Malacca Trust Wuwungan Insurance Tbk.	0.611	0.740
312.	MYOH	Samindo Resources Tbk.	0.590	0.726
313.	MYOR	Mayora Indah Tbk.	0.537	0.691
314.	NASA	Ayana Land International Tbk.	0.081	0.387
315.	NICK	Charnic Capital Tbk.	0.201	0.468
316.	NIKL	Pelat Timah Nusantara Tbk.	1.455	1.303
317.	NISP	Bank OCBC NISP Tbk.	0.223	0.482
318.	NRCA	Nusa Raya Cipta Tbk.	0.812	0.875
319.	OASA	Protech Mitra Perkasa Tbk.	0.769	0.846
320.	OKAS	Ancora Indonesia Resources Tbk.	0.994	0.996

PEFINDO BETA STOCK

Edition: 10-June-2021

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
321.	OMRE	Indonesia Prima Property Tbk.	1.097	1.064
322.	PADI	Minna Padi Investama Tbk.	0.445	0.630
323.	PALM	Provident Agro Tbk.	0.448	0.632
324.	PANR	Panorama Sentrawisata Tbk.	1.606	1.404
325.	PANS	Panin Sekuritas Tbk.	0.912	0.941
326.	PBID	Panca Budi Idaman Tbk.	0.513	0.675
327.	PBRX	Pan Brothers Tbk.	0.933	0.956
328.	PBSA	Paramita Bangun Sarana Tbk.	0.483	0.655
329.	PCAR	Prima Cakrawala Abadi Tbk.	0.502	0.668
330.	PDES	Destinasi Tirta Nusantara Tbk.	0.664	0.776
331.	PGAS	PT Perusahaan Gas Negara Tbk.	2.105	1.736
332.	PICO	Pelangi Indah Canindo Tbk.	1.069	1.046
333.	PJAA	Pembangunan Jaya Ancol Tbk.	1.212	1.141
334.	PKPK	Perdana Karya Perkasa Tbk.	0.242	0.495
335.	PLIN	Plaza Indonesia Realty Tbk.	0.285	0.524
336.	PNBN	Bank Pan Indonesia Tbk.	1.493	1.329
337.	PNBS	Bank Panin Syariah Tbk.	0.253	0.502
338.	PNIN	Panin Insurance Tbk.	1.112	1.075
339.	PNLF	Panin Financial Tbk.	1.328	1.219
340.	POLY	Asia Pacific Fibers Tbk.	0.483	0.655
341.	PORT	Nusantara Pelabuhan Handal Tbk.	0.142	0.428
342.	POWR	Cikarang Listrindo Tbk.	0.767	0.845
343.	PPRE	PP Presisi Tbk.	1.837	1.558
344.	PPRO	PP Properti Tbk.	0.619	0.746
345.	PRDA	Prodia Widyahusada Tbk.	0.564	0.709
346.	PRIM	Royal Prima Tbk.	0.246	0.498
347.	PSAB	J Resources Asia Pasifik Tbk.	1.019	1.013
348.	PSDN	Prasidha Aneka Niaga Tbk.	0.392	0.595
349.	PSSI	Pelita Samudera Shipping Tbk.	0.866	0.911
350.	PTBA	Tambang Batubara Bukit Asam (Persero) Tbk.	0.912	0.941
351.	PTIS	Indo Straits Tbk.	0.786	0.857
352.	PTPP	PP (Persero) Tbk.	2.493	1.995
353.	PTRO	Petrosea Tbk.	1.277	1.185
354.	PTSN	Sat Nusapersada Tbk.	2.439	1.959
355.	PTSP	Pioneerindo Gourmet International Tbk.	0.221	0.481
356.	PUDP	Pudjiadi Prestige Tbk.	0.360	0.573
357.	PWON	Pakuwon Jati Tbk.	1.706	1.470
358.	PYFA	Pyridam Farma Tbk.	0.962	0.975
359.	PZZA	Sarimelati Kencana Tbk.	1.305	1.204
360.	RAJA	Rukun Raharja Tbk.	1.276	1.184

PEFINDO BETA STOCK

Edition: 10-June-2021

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
361.	RALS	Ramayana Lestari Sentosa Tbk.	1.572	1.381
362.	RANC	Supra Boga Lestari Tbk.	0.546	0.697
363.	RBMS	Ristia Bintang Mahkotasejati Tbk.	0.593	0.729
364.	RDTX	Roda Vivatex Tbk.	0.529	0.686
365.	RICY	Ricky Putra Globalindo Tbk.	0.131	0.420
366.	RIGS	Rig Tenders Indonesia Tbk.	1.088	1.058
367.	RMBA	Bentoel Internasional Investama Tbk.	0.207	0.471
368.	RODA	Pikko Land Development Tbk.	0.612	0.741
369.	ROTI	Nippon Indosari Corpindo Tbk.	0.321	0.547
370.	RUIS	Radiant Utama Interinsco Tbk.	0.748	0.832
371.	SAFE	Steady Safe Tbk.	0.275	0.517
372.	SAME	Sarana Meditama Metropolitan Tbk.	0.381	0.587
373.	SCCO	Supreme Cable Manufacturing & Commerce Tbk.	0.082	0.388
374.	SCMA	Surya Citra Media Tbk.	1.615	1.410
375.	SDMU	Sidomulyo Selaras Tbk.	0.212	0.474
376.	SDPC	Millennium Pharmacon International Tbk.	1.014	1.009
377.	SDRA	Bank Woori Saudara Indonesia 1906 Tbk.	0.088	0.392
378.	SHIP	Sillo Maritime Perdana Tbk.	0.193	0.462
379.	SIDO	Industri Jamu dan Farmasi Sido Muncul Tbk.	0.562	0.708
380.	SILO	Siloam International Hospitals Tbk.	0.591	0.727
381.	SIMP	Salim Ivomas Pratama Tbk.	1.518	1.345
382.	SIPD	Sierad Produce Tbk.	0.255	0.503
383.	SKLT	Sekar Laut Tbk.	0.160	0.440
384.	SMAR	Smart Tbk.	0.995	0.997
385.	SMBR	Semen Baturaja (Persero) Tbk.	2.289	1.859
386.	SMCB	Holcim Indonesia Tbk.	1.342	1.228
387.	SMDM	Suryamas Dutamakmur Tbk.	0.562	0.708
388.	SMDR	Samudera Indonesia Tbk.	1.433	1.289
389.	SMGR	Semen Indonesia (Persero) Tbk.	1.551	1.367
390.	SMMA	Sinarmas Multiartha Tbk.	0.237	0.491
391.	SMMT	Golden Eagle Energy Tbk.	0.715	0.810
392.	SMRA	Summarecon Agung Tbk.	2.071	1.714
393.	SMSM	Selamat Sempurna Tbk.	0.908	0.939
394.	SOCI	Soechi Lines Tbk.	1.416	1.277
395.	SONA	Sona Topas Tourism Industry Tbk.	0.058	0.372
396.	SPMA	Suparma Tbk.	0.607	0.738
397.	SPTO	Surya Pertiwi Tbk.	0.522	0.681
398.	SQMI	Renuka Coalindo Tbk.	0.985	0.990
399.	SRAJ	Sejahteraya Anugrahjaya Tbk.	0.450	0.634
400.	SRIL	Sri Rejeki Isman Tbk.	1.242	1.161

PEFINDO BETA STOCK

Edition: 10-June-2021

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
401.	SRSN	Indo Acidatama Tbk.	0.315	0.543
402.	SRTG	Saratoga Investama Sedaya Tbk.	0.309	0.539
403.	SSIA	Surya Semesta Internusa Tbk.	1.228	1.152
404.	SSTM	Sunson Textile Manufacture Tbk.	0.267	0.511
405.	STAR	Star Petrochem Tbk.	0.418	0.612
406.	SULI	SLJ Global Tbk.	0.247	0.498
407.	SUPR	Solusi Tunas Pratama Tbk.	0.117	0.411
408.	SWAT	Sriwahana Adityakarta Tbk.	0.194	0.463
409.	TBIG	Tower Bersama Infrastructure Tbk.	1.302	1.201
410.	TBLA	Tunas Baru Lampung Tbk.	1.376	1.251
411.	TBMS	Tembaga Mulia Semanan Tbk.	0.235	0.490
412.	TCID	Mandom Indonesia Tbk.	0.066	0.378
413.	TDPM	Tridomain Performance Materials Tbk.	0.707	0.805
414.	TFCO	Tifico Fiber Indonesia Tbk.	0.683	0.789
415.	TGKA	Tigaraksa Satria Tbk.	0.271	0.514
416.	TGRA	Terregra Asia Energy Tbk.	0.851	0.901
417.	TIFA	Tifa Finance Tbk.	0.788	0.859
418.	TINS	Timah (Persero) Tbk.	2.104	1.736
419.	TIRA	Tira Austenite Tbk.	0.058	0.372
420.	TIRT	Tirta Mahakam Resources Tbk.	0.037	0.358
421.	TKIM	Pabrik Kertas Tjiwi Kimia Tbk.	2.290	1.860
422.	TLKM	Telekomunikasi Indonesia (Persero) Tbk.	0.746	0.831
423.	TMAS	Pelayaran Tempuran Emas Tbk.	0.367	0.578
424.	TOPS	Totalindo Eka Persada Tbk.	0.450	0.633
425.	TOTL	Total Bangun Persada Tbk.	0.915	0.943
426.	TOTO	Surya Toto Indonesia Tbk.	0.695	0.797
427.	TOWR	Sarana Menara Nusantara Tbk.	1.066	1.044
428.	TPIA	Chandra Asri Petrochemical Tbk.	1.018	1.012
429.	TPMA	Trans Power Marine Tbk.	0.322	0.548
430.	TRIM	Trimegah Securities Tbk.	0.188	0.459
431.	TRST	Trias Sentosa Tbk.	0.426	0.617
432.	TRUK	Guna Timur Raya Tbk.	0.361	0.574
433.	TSPC	Tempo Scan Pacific Tbk.	0.801	0.868
434.	TUGU	Asuransi Tugu Pratama Indonesia Tbk.	0.105	0.403
435.	ULTJ	Ultra Jaya Milk Industry & Trading Company, Tbk.	0.478	0.652
436.	UNIC	Unggul Indah Cahaya Tbk.	0.783	0.856
437.	UNIT	Nusantara Inti Corpora Tbk.	0.199	0.466
438.	UNSP	Bakrie Sumatra Plantations Tbk.	1.032	1.021
439.	UNTR	United Tractors Tbk.	0.862	0.908
440.	UNVR	Unilever Indonesia Tbk.	0.616	0.744

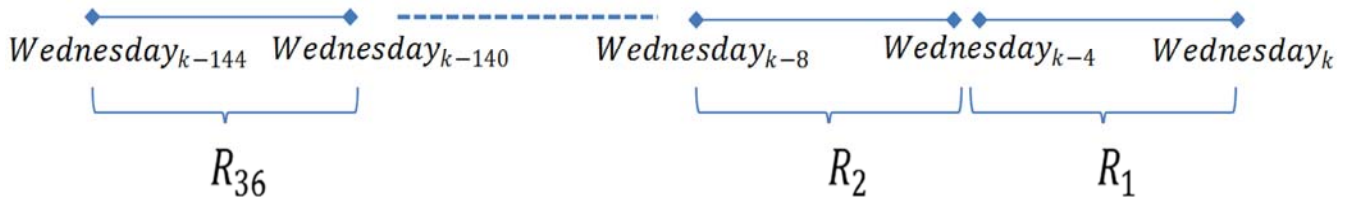
PEFINDO BETA STOCK

Edition: 10-June-2021

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
441.	VINS	Victoria Insurance Tbk.	0.125	0.417
442.	VIVA	Visi Media Asia Tbk.	0.361	0.574
443.	VOKS	Voksel Electric Tbk.	0.547	0.698
444.	VRNA	Verena Multi Finance Tbk.	0.172	0.448
445.	WAPO	Wahana Pronatural Tbk.	0.131	0.421
446.	WEGE	Wijaya Karya Bangunan Gedung Tbk.	1.830	1.553
447.	WEHA	WEHA Transportasi Indonesia Tbk.	1.276	1.184
448.	WIIM	Wismilak Inti Makmur Tbk.	2.588	2.059
449.	WIKA	Wijaya Karya (Persero) Tbk.	2.223	1.816
450.	WINS	Wintermar Offshore Marine Tbk.	0.671	0.780
451.	WOMF	Wahana Ottomitra Multiartha Tbk.	1.006	1.004
452.	WOOD	Integra Indocabinet Tbk.	1.174	1.116
453.	WSBP	Waskita Beton Precast Tbk.	1.651	1.434
454.	WSKT	Waskita Karya (Persero) Tbk.	2.456	1.971
455.	WTON	Wijaya Karya Beton Tbk.	1.714	1.476
456.	YPAS	Yanaprima Hastapersada Tbk.	0.337	0.558
457.	YULE	Yulie Sekurindo Tbk.	0.259	0.506
458.	ZBRA	Zebra Nusantara Tbk.	0.540	0.693
459.	ZINC	Kapuas Prima Coal Tbk.	1.110	1.074

Criteria and Calculation Methodology of PEFINDO Beta Stock

PEFINDO Beta Stock report was created for the purpose of providing additional information to capital market participants. For investors who use fundamental approach, PEFINDO Beta Stock report can be used as one of the source in calculating the fair value of stocks according to the definitions of Capital Asset Pricing Model (CAPM). For those who use technical approach, information on the PEFINDO Beta Stock report may provide additional information of stocks' systematic risk compared with the Jakarta Composite Index (JCI).



The value of Beta in the PEFINDO Beta Stock report is determined by the following criterias and methodologies:

1. The stock has been listed and traded on the Indonesia Stock Exchange for at least 36 months.
2. The stock is not being suspended for the last 10 days.
3. The value of Raw Beta is not negative.
4. The value of Adjusted Beta is not greater than 3.
5. The interval observation is based the time series data over the last 3 years with a rolling return over the last 4 weeks on each Wednesday.
6. Steps on calculating the PEFINDO Beta Stock :
 1. First is to calculate the rate of return on each stock and the market index every Wednesday, with 4 weeks of intervals. The formula for computing the rate of return is:

$$R_{it} = \frac{P_{it} - P_{it-1}}{P_{it}}$$

Where:

R_{it} = return of stock i or market index at t period.

P_{it} = stock price of i or market index at t period.

P_{it-1} = stock price of i or market index at t-1 period.

2. Perform a regression between stock price returns and market index returns for the period of 3 years, to measure the value of Raw Beta with the formula as follows:

$$R_i = \alpha_i + \beta_i R_{m_t} + e_{it}$$

Where:

β_i is a Raw Beta for stock i.

R_{it} is a return of stock i at period t.

R_{mt} is a return of market index at period t.

α_i is constanta.

e_{it} is residual reggression that expected to be white noise (mean of error is zero).

3. Calculate the Adjusted Beta to normalize the Raw Beta, in order to obtain a good characteristic of beta, which is closer to 1. The formula is as follows:

$$\text{Adjusted Beta} = \frac{2}{3} \times (\text{Raw Beta}) + \frac{1}{3} \times (1)$$

DISCLAIMER

The PEFINDO Beta Saham report issued by PEFINDO is not a recommendation to buy, sell or hold a particular stock, and cannot be considered as an investment advice of PEFINDO. Investors should obtain other comprehensive and adequate information to make investment decisions.

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The entire process of calculating PEFINDO Beta Saham is free from human intervention and influence and / or coercion from other parties. The entire calculation process of PEFINDO Beta Saham is done through a computer application that automatically calculates the value of stocks' beta, based on the stock transaction data submitted by Indonesia Stock Exchange.

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