

PEFINDO BETA STOCK

Edition: 16-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
1.	AALI	Astra Agro Lestari Tbk.	1.670	1.447
2.	ABBA	Mahaka Media Tbk.	0.769	0.846
3.	ABDA	Asuransi Bina Dana Arta Tbk.	0.283	0.522
4.	ABMM	ABM Investama Tbk.	0.183	0.455
5.	ACES	Ace Hardware Indonesia Tbk.	0.743	0.828
6.	ACST	Acset Indonusa Tbk.	2.529	2.019
7.	ADES	Akasha Wira International Tbk.	0.724	0.816
8.	ADHI	Adhi Karya (Persero) Tbk.	2.534	2.022
9.	ADMF	Adira Dinamika Multi Finance Tbk.	0.793	0.862
10.	ADMG	Polychem Indonesia Tbk.	1.338	1.225
11.	ADRO	Adaro Energy Tbk.	1.176	1.117
12.	AGII	Aneka Gas Industri Tbk.	1.614	1.409
13.	AGRO	Bank Rakyat Indonesia Agroniaga Tbk.	2.731	2.154
14.	AGRS	Bank Agris Tbk.	0.575	0.716
15.	AHAP	Asuransi Harta Aman Pratama Tbk.	0.004	0.336
16.	AIMS	Akbar Indo Makmur Stimec Tbk.	0.208	0.472
17.	AISA	Tiga Pilar Sejahtera Food Tbk.	0.530	0.687
18.	AKPI	Argha Karya Prima Industry Tbk.	1.027	1.018
19.	AKRA	AKR Corporindo Tbk.	1.322	1.215
20.	AKSI	Majapahit Inti Corpora Tbk.	1.438	1.292
21.	ALMI	Alumindo Light Metal Industry Tbk.	0.800	0.867
22.	AMAG	Asuransi Multi Artha Guna Tbk.	0.078	0.386
23.	AMFG	Asahimas Flat Glass Tbk.	0.627	0.752
24.	AMIN	Ateliers Mecaniques D Indonesie Tbk.	0.308	0.538
25.	AMRT	Sumber Alfaria Trijaya Tbk.	0.590	0.726
26.	ANJT	Austindo Nusantara Jaya Tbk.	0.793	0.862
27.	ANTM	Aneka Tambang (Persero) Tbk.	1.911	1.607
28.	APEX	Apexindo Pratama Duta Tbk.	1.235	1.157
29.	APIC	Pacific Strategic Financial Tbk.	0.083	0.388
30.	APLI	Asiaplast Industries Tbk.	0.611	0.740
31.	APLN	Agung Podomoro Land Tbk.	1.762	1.508
32.	ARGO	Argo Pantes Tbk.	0.521	0.681
33.	ARII	Atlas Resources Tbk.	0.219	0.479
34.	ARMY	Armidian Karyatama Tbk.	0.122	0.415
35.	ARNA	Arwana Citramulia Tbk.	0.738	0.825
36.	ARTA	Arthavest Tbk.	0.277	0.518
37.	ASBI	Asuransi Bintang Tbk.	0.007	0.338
38.	ASDM	Asuransi Dayin Mitra Tbk.	0.146	0.430
39.	ASGR	Astra Graphia Tbk.	0.793	0.862
40.	ASII	Astra International Tbk.	1.494	1.329

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41.	ASJT	Asuransi Jasa Tania Tbk.	0.851	0.901
42.	ASMI	Asuransi Mitra Maparya Tbk.	0.512	0.675
43.	ASRI	Alam Sutera Realty Tbk.	1.883	1.589
44.	ASRM	Asuransi Ramayana Tbk.	0.182	0.454
45.	ASSA	Adi Sarana Armada Tbk.	1.570	1.380
46.	ATIC	Anabatic Technologies Tbk.	0.190	0.460
47.	AUTO	Astra Otoparts Tbk.	1.285	1.190
48.	BABP	Bank MNC Internasional Tbk.	0.597	0.731
49.	BAJA	Saranacentral Bajatama Tbk.	0.496	0.664
50.	BALI	Bali Towerindo Sentra Tbk.	0.485	0.657
51.	BAPA	Bekasi Asri Pemula Tbk.	0.226	0.484
52.	BATA	Sepatu Bata Tbk.	0.008	0.339
53.	BAYU	Bayu Buana Tbk.	0.067	0.378
54.	BBCA	Bank Central Asia Tbk.	0.947	0.965
55.	BBHI	Bank Harda Internasional Tbk.	2.554	2.036
56.	BBKP	Bank Bukopin Tbk.	2.285	1.857
57.	BBLD	Buana Finance Tbk.	0.064	0.376
58.	BBMD	Bank Mestika Dharma Tbk.	0.912	0.941
59.	BBNI	Bank Negara Indonesia (Persero) Tbk.	1.932	1.621
60.	BBRI	Bank Rakyat Indonesia (Persero) Tbk.	1.595	1.397
61.	BBTN	Bank Tabungan Negara (Persero) Tbk.	2.046	1.698
62.	BBYB	Bank Yudha Bhakti Tbk.	0.822	0.881
63.	BCAP	MNC Kapital Indonesia Tbk.	1.050	1.033
64.	BCIC	Bank JTrust Indonesia Tbk.	0.025	0.350
65.	BCIP	Bumi Citra Permai Tbk.	0.318	0.545
66.	BDMN	Bank Danamon Indonesia Tbk.	1.627	1.418
67.	BEEF	Estika Tata Tiara Tbk.	1.007	1.004
68.	BEKS	Bank Pundi Indonesia Tbk.	0.019	0.346
69.	BEST	Bekasi Fajar Industrial Estate Tbk.	1.051	1.034
70.	BFIN	BFI Finance Indonesia Tbk.	1.433	1.288
71.	BGTG	Bank Ganesha Tbk.	0.954	0.969
72.	BHIT	MNC Investama Tbk.	0.778	0.852
73.	BIKA	Binakarya Jaya Abadi Tbk.	0.471	0.648
74.	BIMA	Primarindo Asia Infrastructure Tbk.	0.131	0.421
75.	BIPI	Benakat Petroleum Energy Tbk.	0.370	0.580
76.	BIPP	Bhuwanatala Indah Permai Tbk.	0.111	0.407
77.	BIRD	Blue Bird Tbk.	1.915	1.610
78.	BISI	BISI International Tbk.	1.024	1.016
79.	BJBR	Bank Pembangunan Daerah Jawa Barat dan Bante	1.304	1.203
80.	BJTM	Bank Pembangunan Daerah Jawa Timur Tbk.	1.126	1.084

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81.	BKDP	Bukit Darmo Property Tbk.	0.114	0.409
82.	BKSL	Sentul City Tbk.	0.249	0.499
83.	BKSW	Bank QNB Indonesia Tbk.	0.846	0.897
84.	BLTA	Berlian Laju Tanker Tbk.	0.105	0.403
85.	BLTZ	Graha Layar Prima Tbk.	0.070	0.380
86.	BMAS	Bank Maspion Indonesia Tbk.	0.726	0.818
87.	BMRI	Bank Mandiri (Persero) Tbk.	1.578	1.386
88.	BMSR	Bintang Mitra Semestara Tbk.	0.938	0.959
89.	BMTR	Global Mediacom Tbk.	1.650	1.433
90.	BNBA	Bank Bumi Arta Tbk.	1.575	1.383
91.	BNBR	Bakrie & Brothers Tbk.	0.012	0.342
92.	BNGA	Bank CIMB Niaga Tbk.	1.191	1.127
93.	BNII	Bank Maybank Indonesia Tbk.	1.263	1.176
94.	BNLI	Bank Permata Tbk.	0.702	0.802
95.	BOLT	Garuda Metalindo Tbk.	0.699	0.800
96.	BOSS	Borneo Olah Sarana Sukses Tbk.	1.859	1.573
97.	BPFI	Batavia Prosperindo Finance Tbk.	0.162	0.441
98.	BRAM	Indo Kordsa Tbk.	0.562	0.708
99.	BRIS	Bank BRI Syariah Tbk.	2.244	1.829
100.	BRMS	Bumi Resources Minerals Tbk.	0.437	0.625
101.	BRPT	Barito Pacific Tbk.	1.695	1.463
102.	BSDE	Bumi Serpong Damai Tbk.	1.391	1.261
103.	BSIM	Bank Sinarmas Tbk.	0.256	0.504
104.	BSSR	Baramulti Suksessarana Tbk.	0.254	0.503
105.	BTEK	Bumi Teknokultura Unggul Tbk.	0.022	0.348
106.	BTEL	Bakrie Telecom Tbk.	0.000	0.333
107.	BTON	Betonjaya Manunggal Tbk.	0.898	0.932
108.	BTPN	Bank Tabungan Pensiunan Nasional Tbk.	1.192	1.128
109.	BTPS	Bank Tabungan Pensiunan Nasional Syariah Tbk.	1.601	1.401
110.	BUDI	Budi Starch & Sweetener Tbk.	0.290	0.527
111.	BUKK	Bukaka Teknik Utama Tbk.	0.277	0.518
112.	BULL	Buana Listya Tama Tbk.	0.457	0.638
113.	BUMI	Bumi Resources Tbk.	1.029	1.019
114.	BUVA	Bukit Uluwatu Villa Tbk.	0.373	0.582
115.	BVIC	Bank Victoria International Tbk.	0.797	0.864
116.	BWPT	Eagle High Plantations Tbk.	1.910	1.607
117.	BYAN	Bayan Resources Tbk.	0.655	0.770
118.	CAKK	Cahayaputra Asa Keramik Tbk.	0.225	0.484
119.	CAMP	Campina Ice Cream Industry Tbk.	1.133	1.089
120.	CARS	Industri dan Perdagangan Bintraco Dharma Tbk.	0.771	0.848

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121.	CASA	Capital Financial Indonesia Tbk.	0.080	0.387
122.	CASS	Cardig Aero Services Tbk.	0.099	0.399
123.	CEKA	Wilmar Cahaya Indonesia Tbk.	0.658	0.772
124.	CENT	Centrin Online Tbk.	1.337	1.225
125.	CFIN	Clipan Finance Indonesia Tbk.	0.889	0.926
126.	CINT	Chitose Internasional Tbk.	0.311	0.541
127.	CITA	Cita Mineral Investindo Tbk.	0.424	0.616
128.	CITY	Natura City Developments Tbk.	0.695	0.797
129.	CLAY	Citra Putra Realty Tbk.	0.141	0.427
130.	CLEO	Sariguna Primatirta Tbk.	0.768	0.845
131.	CLPI	Colorpak Indonesia Tbk.	0.878	0.918
132.	CMNP	Citra Marga Nusaphala Persada Tbk.	0.359	0.572
133.	CMPP	Rimau Multi Putra Pratama Tbk.	0.311	0.541
134.	CNKO	Exploitasi Energi Indonesia Tbk.	0.000	0.334
135.	CNTX	Century Textile Industry Tbk.	0.264	0.509
136.	COWL	Cowell Development Tbk.	0.110	0.406
137.	CPIN	Charoen Pokphand Indonesia Tbk.	1.002	1.002
138.	CPRI	Capri Nusa Satu Properti Tbk.	0.064	0.376
139.	CPRO	Central Proteinaprima Tbk.	0.060	0.373
140.	CSAP	Catur Sentosa Adiprana Tbk.	0.500	0.667
141.	CSIS	Cahayasakti Investindo Sukses Tbk.	0.562	0.708
142.	CTBN	Citra Tubindo Tbk.	0.480	0.653
143.	CTRA	Ciputra Development Tbk.	1.660	1.440
144.	CTTH	Citatah Tbk.	0.181	0.454
145.	DEFI	Danasupra Erapacific Tbk.	0.027	0.351
146.	DEWA	Darma Henwa Tbk.	0.161	0.440
147.	DFAM	Dafam Property Indonesia Tbk.	0.223	0.482
148.	DGIK	Nusa Konstruksi Enjiniring Tbk.	0.263	0.509
149.	DIGI	Arkadia Digital Media Tbk.	0.101	0.401
150.	DILD	Intiland Development Tbk.	0.870	0.913
151.	DIVA	Distribusi Voucher Nusantara Tbk.	1.595	1.397
152.	DKFT	Central Omega Resources Tbk.	1.666	1.444
153.	DLTA	Delta Djakarta Tbk.	0.729	0.820
154.	DMAS	Puradelta Lestari Tbk.	1.541	1.361
155.	DOID	Delta Dunia Makmur Tbk.	2.460	1.974
156.	DPNS	Duta Pertiwi Nusantara Tbk.	0.707	0.804
157.	DSFI	Dharma Samudera Fishing Industries Tbk.	0.702	0.801
158.	DSNG	Dharma Satya Nusantara Tbk.	1.015	1.010
159.	DSSA	Dian Swastatika Sentosa Tbk.	0.141	0.428
160.	DUCK	Jaya Bersama Indo Tbk.	1.778	1.518

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No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
161.	DUTI	Duta Pertiwi Tbk.	0.204	0.469
162.	DVLA	Darya-Varia Laboratoria Tbk.	0.223	0.482
163.	DYAN	Dyandra Media International Tbk.	0.620	0.746
164.	ECII	Electronic City Indonesia Tbk.	0.379	0.586
165.	EKAD	Ekadharna International Tbk.	0.765	0.843
166.	ELSA	Elnusa Tbk.	1.846	1.564
167.	EMDE	Megapolitan Developments Tbk.	0.058	0.372
168.	EMTK	Elang Mahkota Teknologi Tbk.	0.513	0.675
169.	ENRG	Energi Mega Persada Tbk.	0.932	0.955
170.	EPMT	Enseval Putera Megatrading Tbk.	0.158	0.439
171.	ERAA	Erajaya Swasembada Tbk.	1.607	1.405
172.	ERTX	Eratex Djaja Tbk.	0.140	0.427
173.	ESSA	Surya Esa Perkasa Tbk.	1.501	1.334
174.	ESTI	Ever Shine Tex Tbk.	0.057	0.371
175.	ETWA	Eterindo Wahanatama Tbk.	0.404	0.603
176.	EXCL	XL Axiata Tbk.	1.357	1.238
177.	FAST	Fast Food Indonesia Tbk.	0.420	0.613
178.	FASW	Fajar Surya Wisesa Tbk.	0.112	0.408
179.	FILM	MD Pictures Tbk.	0.987	0.991
180.	FIRE	Alfa Energi Investama Tbk.	1.943	1.629
181.	FISH	FKS Multi Agro Tbk.	0.963	0.976
182.	FITT	Hotel Fitra International Tbk.	1.080	1.053
183.	FOOD	Sentra Food Indonesia Tbk.	0.600	0.734
184.	FORU	Fortune Indonesia Tbk.	1.027	1.018
185.	FPNI	Lotte Chemical Titan Tbk.	1.326	1.217
186.	FREN	Smartfren Telecom Tbk.	1.558	1.372
187.	GAMA	Gading Development Tbk.	0.001	0.334
188.	GDST	Gunawan Dianjaya Steel Tbk.	0.784	0.856
189.	GDYR	Goodyear Indonesia Tbk.	0.572	0.714
190.	GEMA	Gema Grahasarana Tbk.	0.070	0.380
191.	GEMS	Golden Energy Mines Tbk.	0.014	0.343
192.	GGRM	Gudang Garam Tbk.	0.944	0.963
193.	GHON	Gihon Telekomunikasi Indonesia Tbk.	0.241	0.494
194.	GIAA	Garuda Indonesia (Persero) Tbk.	1.752	1.502
195.	GJTL	Gajah Tunggal Tbk.	1.581	1.388
196.	GMFI	Garuda Maintenance Facility Aero Asia Tbk.	1.450	1.300
197.	GOLD	Golden Retailindo Tbk.	0.661	0.774
198.	GOOD	Garudafood Putra Putri Jaya Tbk.	0.554	0.703
199.	GPRA	Perdana Gapuraprima Tbk.	0.711	0.808
200.	GTBO	Garda Tujuh Buana Tbk.	0.589	0.726

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No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
201.	GWSA	Greenwood Sejahtera Tbk.	1.484	1.323
202.	GZCO	Gozco Plantations Tbk.	0.410	0.607
203.	HDFA	HD Finance Tbk.	0.072	0.381
204.	HDTX	Panasia Indo Resources Tbk.	0.003	0.335
205.	HEAL	Medikaloka Hermina Tbk.	0.845	0.897
206.	HELI	Jaya Trishindo Tbk.	0.076	0.384
207.	HERO	Hero Supermarket Tbk.	0.203	0.469
208.	HEXA	Hexindo Adiperkasa Tbk.	0.916	0.944
209.	HITS	Humpuss Intermoda Transportasi Tbk.	0.466	0.644
210.	HKMU	HK Metals Utama Tbk.	1.275	1.183
211.	HMSP	H.M. Sampoerna Tbk.	0.905	0.937
212.	HOKI	Buyung Poetra Sembada Tbk.	0.880	0.920
213.	HRME	Menteng Heritage Realty Tbk.	0.219	0.479
214.	HRTA	Hartadinata Abadi Tbk.	0.516	0.677
215.	HRUM	Harum Energy Tbk.	0.748	0.832
216.	IATA	Indonesia Air Transport Tbk.	0.740	0.826
217.	IBFN	Intan Baruprana Finance Tbk.	1.210	1.140
218.	ICBP	Indofood CBP Sukses Makmur Tbk.	0.346	0.564
219.	ICON	Island Concepts Indonesia Tbk.	0.446	0.630
220.	IDPR	Indonesia Pondasi Raya Tbk.	1.200	1.133
221.	IGAR	Champion Pacific Indonesia Tbk.	0.755	0.836
222.	IIKP	Inti Agri Resources Tbk.	0.027	0.352
223.	IKBI	Sumi Indo Kabel Tbk.	0.558	0.705
224.	IMAS	Indomobil Sukses Internasional Tbk.	2.275	1.850
225.	IMJS	Indomobil Multi Jasa Tbk.	1.709	1.473
226.	IMPC	Impack Pratama Industri Tbk.	0.227	0.485
227.	INAF	Indofarma Tbk.	0.558	0.705
228.	INAI	Indal Aluminium Industry Tbk.	0.283	0.522
229.	INCF	Amstelco Indonesia Tbk	0.738	0.825
230.	INCI	Intanwijaya Internasional Tbk.	0.669	0.779
231.	INCO	Vale Indonesia Tbk.	1.475	1.316
232.	INDF	Indofood Sukses Makmur Tbk.	0.546	0.697
233.	INDR	Indo-Rama Synthetics Tbk.	1.172	1.114
234.	INDS	Indospring Tbk.	0.634	0.756
235.	INDY	Indika Energy Tbk.	2.073	1.715
236.	INKP	Indah Kiat Pulp & Paper Tbk.	1.733	1.488
237.	INPC	Bank Artha Graha Internasional Tbk.	0.866	0.911
238.	INPP	Indonesian Paradise Property Tbk.	0.369	0.579
239.	INPS	Indah Prakasa Sentosa Tbk.	0.697	0.798
240.	INTA	Intraco Penta Tbk.	0.774	0.850

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241.	INTP	Indocement Tunggal Prakasa Tbk.	1.121	1.080
242.	IPCC	Indonesia Kendaraan Terminal Tbk.	1.647	1.431
243.	IPCM	Jasa Armada Indonesia Tbk.	1.351	1.234
244.	IPOL	Indopoly Swakarsa Industry Tbk.	0.991	0.994
245.	ISAT	Indosat Tbk.	1.899	1.600
246.	ISSP	Steel Pipe Industry of Indonesia Tbk.	1.060	1.040
247.	ITMA	Sumber Energi Andalan Tbk.	1.116	1.077
248.	ITMG	Indo Tambangraya Megah Tbk.	1.580	1.386
249.	JAST	Jasnita Telekomindo Tbk.	1.266	1.178
250.	JAWA	Jaya Agra Wattie Tbk.	0.306	0.537
251.	JAYA	Armada Berjaya Trans Tbk.	0.904	0.936
252.	JGLE	Graha Andrasentra Propertindo Tbk.	0.033	0.355
253.	JIHD	Jakarta International Hotels & Development Tbk.	0.131	0.421
254.	JKON	Jaya Konstruksi Manggala Pratama Tbk.	0.200	0.466
255.	JMAS	Asuransi Jiwa Syariah Jasa Mitra Abadi Tbk.	0.897	0.931
256.	JPFA	Japfa Comfeed Indonesia Tbk.	1.252	1.168
257.	JRPT	Jaya Real Property Tbk.	0.903	0.935
258.	JSMR	Jasa Marga (Persero) Tbk.	1.341	1.228
259.	JSPT	Jakarta Setiabudi Internasional Tbk.	0.042	0.361
260.	JTPE	Jasuindo Tiga Perkasa Tbk.	0.354	0.569
261.	KAEF	Kimia Farma Tbk.	0.294	0.529
262.	KBLI	KMI Wire & Cable Tbk.	0.828	0.885
263.	KBLM	Kabelindo Murni Tbk.	0.132	0.421
264.	KBRI	Kertas Basuki Rachmat Indonesia Tbk.	0.007	0.338
265.	KDSI	Kedawung Setia Industrial Tbk.	1.016	1.011
266.	KIAS	Keramika Indonesia Asosiasi Tbk.	0.223	0.482
267.	KIJA	Kawasan Industri Jababeka Tbk.	0.955	0.970
268.	KINO	Kino Indonesia Tbk.	0.894	0.929
269.	KIOS	Kioson Komersial Indonesia Tbk.	0.759	0.839
270.	KKGI	Resource Alam Indonesia Tbk.	1.149	1.099
271.	KLBF	Kalbe Farma Tbk.	0.751	0.834
272.	KMTR	Kirana Megatara Tbk.	0.963	0.975
273.	KOBX	Kobexindo Tractors Tbk.	0.796	0.864
274.	KOIN	Kokoh Inti Arebama Tbk.	0.599	0.733
275.	KOPI	Mitra Energi Persada Tbk.	0.149	0.433
276.	KPAL	Steadfast Marine Tbk.	0.566	0.711
277.	KPAS	Cottonindo Ariesta Tbk.	0.287	0.525
278.	KPIG	MNC Land Tbk.	0.290	0.526
279.	KRAH	Grand Kartech Tbk.	1.189	1.126
280.	KRAS	Krakatau Steel (Persero) Tbk.	2.012	1.675

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281.	KREN	Kresna Graha Sekurindo Tbk.	0.604	0.736
282.	LAND	Trimitra Propertindo Tbk.	0.268	0.512
283.	LCGP	Laguna Cipta Griya Tbk.	0.008	0.339
284.	LCKM	LCK Global Kedaton Tbk.	0.048	0.365
285.	LEAD	Logindo Samudramakmur Tbk.	0.064	0.376
286.	LINK	Link Net Tbk.	0.697	0.798
287.	LION	Lion Metal Works Tbk.	0.871	0.914
288.	LMAS	Limas Centric Indonesia Tbk.	1.300	1.200
289.	LMPI	Langgeng Makmur Industri Tbk.	0.117	0.412
290.	LPCK	Lippo Cikarang Tbk.	1.785	1.523
291.	LPGI	Lippo General Insurance Tbk.	0.147	0.431
292.	LPIN	Multi Prima Sejahtera Tbk.	0.835	0.890
293.	LPKR	Lippo Karawaci Tbk.	1.587	1.391
294.	LPLI	Star Pacific Tbk.	0.015	0.343
295.	LPPF	Matahari Department Store Tbk.	1.627	1.418
296.	LPPS	Lippo Securities Tbk.	0.258	0.505
297.	LRNA	Eka Sari Lorena Transport Tbk.	0.750	0.834
298.	LSIP	PP London Sumatra Indonesia Tbk.	1.406	1.271
299.	LTLS	Lautan Luas Tbk.	0.524	0.682
300.	MABA	Marga Abhinaya Abadi Tbk.	0.039	0.359
301.	MAGP	Multi Agro Gemilang Plantation Tbk.	0.006	0.337
302.	MAIN	Malindo Feedmill Tbk.	1.653	1.435
303.	MAPA	Map Aktif Adiperkasa Tbk.	1.384	1.256
304.	MAPB	MAP Boga Adiperkasa Tbk.	0.479	0.653
305.	MAPI	Mitra Adiperkasa Tbk.	1.560	1.373
306.	MARI	Mahaka Radio Integra Tbk.	0.382	0.588
307.	MARK	Mark Dynamics Indonesia Tbk.	1.076	1.051
308.	MASA	Multistrada Arah Sarana Tbk.	0.705	0.803
309.	MAYA	Bank Mayapada Internasional Tbk.	0.842	0.895
310.	MBAP	Mitrabara Adiperdana Tbk.	0.858	0.905
311.	MBSS	Mitrabahtera Segara Sejati Tbk.	1.248	1.166
312.	MBTO	Martina Berto Tbk.	0.341	0.561
313.	MCAS	M Cash Integrasi Tbk.	1.787	1.525
314.	MCOR	Bank Windu Kentjana International Tbk.	1.289	1.193
315.	MDIA	Intermedia Capital Tbk.	0.236	0.491
316.	MDKA	Merdeka Copper Gold Tbk.	0.949	0.966
317.	MDKI	Emdeki Utama Tbk.	0.532	0.688
318.	MDLN	Modernland Realty Ltd. Tbk.	1.360	1.240
319.	MEDC	Medco Energi International Tbk.	1.733	1.488
320.	MEGA	Bank Mega Tbk.	0.226	0.484

PEFINDO BETA STOCK

Edition: 16-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
321.	MERK	Merck Tbk.	1.188	1.126
322.	META	Nusantara Infrastructure Tbk.	1.173	1.115
323.	MFIN	Mandala Multifinance Tbk.	0.426	0.618
324.	MFMI	Multifiling Mitra Indonesia Tbk.	0.683	0.788
325.	MGNA	Magna Finance Tbk.	0.000	0.333
326.	MGRO	Mahkota Group Tbk.	0.550	0.700
327.	MICE	Multi Indocitra Tbk.	0.167	0.444
328.	MIDI	Midi Utama Indonesia Tbk.	0.259	0.506
329.	MIKA	Mitra Keluarga Karyasehat Tbk.	0.550	0.700
330.	MINA	Sanurhasta Mitra Tbk.	0.376	0.584
331.	MITI	Mitra Investindo Tbk.	0.115	0.410
332.	MKNT	Mitra Komunikasi Nusantara Tbk.	0.110	0.407
333.	MKPI	Metropolitan Kentjana Tbk.	0.025	0.350
334.	MLBI	Multi Bintang Indonesia Tbk.	0.806	0.871
335.	MLIA	Mulia Industrindo Tbk.	0.573	0.716
336.	MLPL	Multipolar Tbk.	0.562	0.708
337.	MLPT	Multipolar Technology Tbk.	1.006	1.004
338.	MMLP	Mega Manunggal Property Tbk.	0.424	0.616
339.	MNCN	Media Nusantara Citra Tbk.	1.560	1.373
340.	MPMX	Mitra Pinasthika Mustika Tbk.	0.815	0.877
341.	MPOW	Megapower Makmur Tbk.	0.376	0.584
342.	MPPA	Matahari Putra Prima Tbk.	0.336	0.557
343.	MPRO	Propertindo Mulia Investama Tbk.	0.868	0.912
344.	MRAT	Mustika Ratu Tbk.	0.399	0.599
345.	MSIN	MNC Studios International Tbk.	0.719	0.813
346.	MSKY	MNC Sky Vision Tbk.	0.273	0.515
347.	MTDL	Metrodata Electronics Tbk.	1.040	1.026
348.	MTLA	Metropolitan Land Tbk.	0.505	0.670
349.	MTRA	Mitra Pemuda Tbk.	0.064	0.376
350.	MTWI	Malacca Trust Wuwungan Insurance Tbk.	0.341	0.560
351.	MYOH	Samindo Resources Tbk.	0.437	0.624
352.	MYOR	Mayora Indah Tbk.	0.528	0.686
353.	MYRX	Hanson International Tbk.	0.049	0.366
354.	NASA	Ayana Land International Tbk.	0.088	0.392
355.	NFCX	NFC Indonesia Tbk.	0.282	0.521
356.	NIKL	Pelat Timah Nusantara Tbk.	1.755	1.503
357.	NISP	Bank OCBC NISP Tbk.	0.307	0.538
358.	NOBU	Bank Nationalnobu Tbk.	0.086	0.390
359.	NRCA	Nusa Raya Cipta Tbk.	0.785	0.856
360.	NUSA	Sinergi Megah Internusa Tbk.	0.028	0.352

PEFINDO BETA STOCK

Edition: 16-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
361.	OASA	Protech Mitra Perkasa Tbk.	0.401	0.600
362.	OKAS	Ancora Indonesia Resources Tbk.	0.606	0.737
363.	OMRE	Indonesia Prima Property Tbk.	0.552	0.701
364.	PADI	Minna Padi Investama Tbk.	0.278	0.519
365.	PALM	Provident Agro Tbk.	0.570	0.713
366.	PANI	Pratama Abadi Nusa Industri Tbk.	2.298	1.865
367.	PANR	Panorama Sentrawisata Tbk.	2.716	2.144
368.	PANS	Panin Sekuritas Tbk.	1.347	1.231
369.	PBID	Panca Budi Idaman Tbk.	0.669	0.779
370.	PBRX	Pan Brothers Tbk.	0.945	0.964
371.	PBSA	Paramita Bangun Sarana Tbk.	0.678	0.786
372.	PCAR	Prima Cakrawala Abadi Tbk.	0.717	0.811
373.	PDES	Destinasi Tirta Nusantara Tbk.	1.593	1.395
374.	PEHA	Phapros Tbk.	0.824	0.883
375.	PGAS	PT Perusahaan Gas Negara Tbk.	2.143	1.762
376.	PGLI	Pembangunan Graha Lestari Indah Tbk.	0.180	0.454
377.	PICO	Pelangi Indah Canindo Tbk.	0.723	0.816
378.	PJAA	Pembangunan Jaya Ancol Tbk.	1.343	1.229
379.	PKPK	Perdana Karya Perkasa Tbk.	0.355	0.570
380.	PLIN	Plaza Indonesia Realty Tbk.	0.229	0.486
381.	PNBN	Bank Pan Indonesia Tbk.	1.573	1.382
382.	PNBS	Bank Panin Syariah Tbk.	0.261	0.507
383.	PNIN	Panin Insurance Tbk.	1.098	1.065
384.	PNLF	Panin Financial Tbk.	1.387	1.258
385.	POLA	Pool Advista Finance Tbk.	1.605	1.403
386.	POLY	Asia Pacific Fibers Tbk.	0.240	0.493
387.	POOL	Pool Advista Indonesia Tbk.	0.278	0.519
388.	PORT	Nusantara Pelabuhan Handal Tbk.	0.090	0.393
389.	POSA	Bliss Properti Indonesia Tbk.	0.092	0.395
390.	POWR	Cikarang Listrindo Tbk.	0.916	0.944
391.	PPRE	PP Presisi Tbk.	1.938	1.625
392.	PPRO	PP Properti Tbk.	1.057	1.038
393.	PRDA	Prodia Widyahusada Tbk.	0.426	0.617
394.	PRIM	Royal Prima Tbk.	0.356	0.571
395.	PSAB	J Resources Asia Pasifik Tbk.	0.720	0.813
396.	PSDN	Prasidha Aneka Niaga Tbk.	0.182	0.455
397.	PSKT	Pusako Tarinka Tbk.	0.122	0.415
398.	PSSI	Pelita Samudera Shipping Tbk.	0.482	0.654
399.	PTBA	Tambang Batubara Bukit Asam (Persero) Tbk.	1.058	1.038
400.	PTIS	Indo Straits Tbk.	0.608	0.738

PEFINDO BETA STOCK

Edition: 16-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
401.	PTPP	PP (Persero) Tbk.	2.494	1.996
402.	PTRO	Petrosea Tbk.	1.186	1.124
403.	PTSN	Sat Nusapersada Tbk.	1.010	1.006
404.	PUDP	Pudjiadi Prestige Tbk.	0.832	0.888
405.	PWON	Pakuwon Jati Tbk.	1.595	1.397
406.	PYFA	Pyridam Farma Tbk.	0.808	0.872
407.	PZZA	Sarimelati Kencana Tbk.	1.238	1.158
408.	RAJA	Rukun Raharja Tbk.	1.520	1.347
409.	RALS	Ramayana Lestari Sentosa Tbk.	1.700	1.467
410.	RANC	Supra Boga Lestari Tbk.	0.505	0.670
411.	RBMS	Ristia Bintang Mahkotasejati Tbk.	0.225	0.483
412.	RDTX	Roda Vivatex Tbk.	0.198	0.465
413.	RIGS	Rig Tenders Indonesia Tbk.	0.562	0.708
414.	RIMO	Rimo International Lestari Tbk.	0.040	0.360
415.	RMBA	Bentoel Internasional Investama Tbk.	0.272	0.514
416.	RODA	Pikko Land Development Tbk.	0.125	0.417
417.	ROTI	Nippon Indosari Corpindo Tbk.	0.268	0.512
418.	RUIS	Radiant Utama Interinsco Tbk.	0.647	0.765
419.	SAFE	Steady Safe Tbk.	0.231	0.487
420.	SAME	Sarana Meditama Metropolitan Tbk.	0.747	0.832
421.	SAPX	Satria Antaran Prima Tbk.	0.028	0.352
422.	SATU	Kota Satu Properti Tbk.	0.343	0.562
423.	SCCO	Supreme Cable Manufacturing & Commerce Tbk.	0.056	0.371
424.	SCMA	Surya Citra Media Tbk.	1.477	1.318
425.	SDMU	Sidomulyo Selaras Tbk.	0.290	0.527
426.	SDPC	Millennium Pharmacon International Tbk.	0.843	0.895
427.	SDRA	Bank Woori Saudara Indonesia 1906 Tbk.	0.113	0.409
428.	SGRO	Sampoerna Agro Tbk.	0.279	0.519
429.	SHID	Hotel Sahid Jaya International Tbk.	0.115	0.410
430.	SHIP	Sillo Maritime Perdana Tbk.	0.314	0.543
431.	SIDO	Industri Jamu dan Farmasi Sido Muncul Tbk.	0.375	0.583
432.	SILO	Siloam International Hospitals Tbk.	0.461	0.640
433.	SIMA	Siwani Makmur Tbk.	0.037	0.358
434.	SIMP	Salim Ivomas Pratama Tbk.	1.400	1.267
435.	SIPD	Sierad Produce Tbk.	0.327	0.551
436.	SKBM	Sekar Bumi Tbk.	0.013	0.342
437.	SKLT	Sekar Laut Tbk.	0.136	0.424
438.	SKRN	Superkrane Mitra Utama Tbk.	0.587	0.725
439.	SKYB	Skybee Tbk.	0.098	0.399
440.	SMAR	Smart Tbk.	0.936	0.958

PEFINDO BETA STOCK

Edition: 16-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
441.	SMBR	Semen Baturaja (Persero) Tbk.	2.618	2.079
442.	SMCB	Holcim Indonesia Tbk.	1.034	1.023
443.	SMDM	Suryamas Dutamakmur Tbk.	0.425	0.617
444.	SMDR	Samudera Indonesia Tbk.	1.020	1.013
445.	SMGR	Semen Indonesia (Persero) Tbk.	1.264	1.176
446.	SMMA	Sinarmas Multiartha Tbk.	0.053	0.369
447.	SMMT	Golden Eagle Energy Tbk.	1.028	1.019
448.	SMRA	Summarecon Agung Tbk.	1.679	1.453
449.	SMRU	SMR Utama Tbk.	0.064	0.376
450.	SMSM	Selamat Sempurna Tbk.	0.848	0.898
451.	SOCI	Soechi Lines Tbk.	1.703	1.468
452.	SONA	Sona Topas Tourism Industry Tbk.	0.006	0.337
453.	SOSS	Shield On Service Tbk.	0.015	0.343
454.	SPMA	Suparma Tbk.	0.346	0.564
455.	SPTO	Surya Pertiwi Tbk.	0.809	0.872
456.	SQMI	Renuka Coalindo Tbk.	0.972	0.982
457.	SRAJ	Sejahteraraya Anugrahjaya Tbk.	0.399	0.599
458.	SRIL	Sri Rejeki Isman Tbk.	1.311	1.208
459.	SRSN	Indo Acidatama Tbk.	0.144	0.429
460.	SRTG	Saratoga Investama Sedaya Tbk.	0.644	0.763
461.	SSIA	Surya Semesta Internusa Tbk.	0.999	0.999
462.	SSMS	Sawit Sumbermas Sarana Tbk.	0.111	0.407
463.	SSTM	Sunson Textile Manufacture Tbk.	0.460	0.640
464.	STAR	Star Petrochem Tbk.	0.175	0.450
465.	SUPR	Solusi Tunas Pratama Tbk.	0.562	0.708
466.	SWAT	Sriwahana Adityakarta Tbk.	0.534	0.689
467.	TBIG	Tower Bersama Infrastructure Tbk.	0.842	0.895
468.	TBLA	Tunas Baru Lampung Tbk.	1.240	1.160
469.	TBMS	Tembaga Mulia Semanan Tbk.	0.262	0.508
470.	TCID	Mandom Indonesia Tbk.	0.115	0.410
471.	TCPI	Transcoal Pacific Tbk.	0.896	0.931
472.	TDPM	Tridomain Performance Materials Tbk.	0.769	0.846
473.	TELE	Tiphone Mobile Indonesia Tbk.	1.270	1.180
474.	TFCO	Tifico Fiber Indonesia Tbk.	0.510	0.673
475.	TGRA	Terregra Asia Energy Tbk.	1.349	1.233
476.	TIFA	Tifa Finance Tbk.	0.051	0.367
477.	TINS	Timah (Persero) Tbk.	2.046	1.698
478.	TIRT	Tirta Mahakam Resources Tbk.	0.002	0.335
479.	TKIM	Pabrik Kertas Tjiwi Kimia Tbk.	1.938	1.625
480.	TLKM	Telekomunikasi Indonesia (Persero) Tbk.	0.895	0.930

PEFINDO BETA STOCK

Edition: 16-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
481.	TMAS	Pelayaran Tempuran Emas Tbk.	0.355	0.570
482.	TMPO	Tempo Intimedia Tbk.	0.210	0.474
483.	TNCA	Trimuda Nuansa Citra Tbk.	0.270	0.513
484.	TOBA	Toba Bara Sejahtera Tbk.	0.208	0.472
485.	TOPS	Totalindo Eka Persada Tbk.	0.532	0.688
486.	TOTL	Total Bangun Persada Tbk.	0.987	0.991
487.	TOTO	Surya Toto Indonesia Tbk.	0.645	0.763
488.	TOWR	Sarana Menara Nusantara Tbk.	0.642	0.761
489.	TPIA	Chandra Asri Petrochemical Tbk.	1.074	1.049
490.	TPMA	Trans Power Marine Tbk.	0.348	0.565
491.	TRAM	Trada Maritime Tbk.	0.073	0.382
492.	TRIL	Triwira Insanlestari Tbk.	0.001	0.334
493.	TRIM	Trimegah Securities Tbk.	0.266	0.511
494.	TRIO	Trikonsel Oke Tbk.	0.409	0.606
495.	TRST	Trias Sentosa Tbk.	0.391	0.594
496.	TRUK	Guna Timur Raya Tbk.	0.657	0.771
497.	TSPC	Tempo Scan Pacific Tbk.	0.742	0.828
498.	TUGU	Asuransi Tugu Pratama Indonesia Tbk.	0.498	0.665
499.	TURI	Tunas Ridean Tbk.	0.004	0.336
500.	ULTJ	Ultra Jaya Milk Industry & Trading Company, Tbk.	0.408	0.605
501.	UNIC	Unggul Indah Cahaya Tbk.	0.535	0.690
502.	UNIT	Nusantara Inti Corpora Tbk.	0.583	0.722
503.	UNSP	Bakrie Sumatra Plantations Tbk.	1.289	1.193
504.	UNTR	United Tractors Tbk.	0.985	0.990
505.	UNVR	Unilever Indonesia Tbk.	0.317	0.545
506.	VIVA	Visi Media Asia Tbk.	0.092	0.395
507.	VOKS	Voksel Electric Tbk.	0.407	0.605
508.	VRNA	Verena Multi Finance Tbk.	0.058	0.372
509.	WEGE	Wijaya Karya Bangunan Gedung Tbk.	1.611	1.408
510.	WEHA	WEHA Transportasi Indonesia Tbk.	1.164	1.110
511.	WIIM	Wismilak Inti Makmur Tbk.	2.000	1.667
512.	WIKA	Wijaya Karya (Persero) Tbk.	2.092	1.728
513.	WINS	Wintermar Offshore Marine Tbk.	0.759	0.839
514.	WOMF	Wahana Ottomitra Multiartha Tbk.	0.898	0.932
515.	WOOD	Integra Indocabinet Tbk.	1.147	1.098
516.	WSBP	Waskita Beton Precast Tbk.	1.825	1.550
517.	WSKT	Waskita Karya (Persero) Tbk.	2.530	2.020
518.	WTON	Wijaya Karya Beton Tbk.	1.773	1.515
519.	YELO	Yelooo Integra Datanet Tbk.	0.792	0.861
520.	YPAS	Yanaprima Hastapersada Tbk.	1.025	1.016

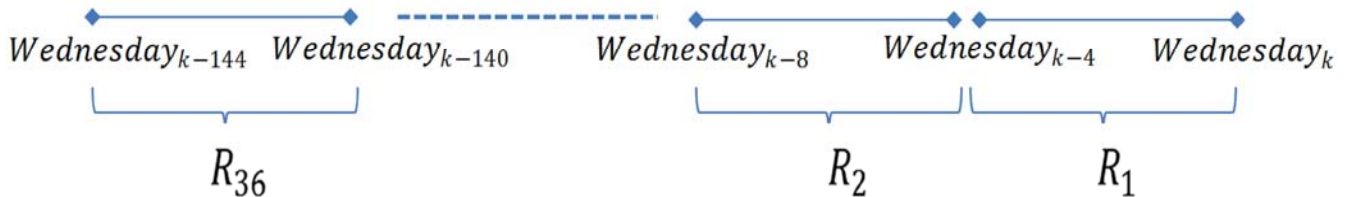
PEFINDO BETA STOCK

Edition: 16-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
521.	YULE	Yulie Sekurindo Tbk.	0.643	0.762
522.	ZINC	Kapuas Prima Coal Tbk.	1.299	1.199
523.	ZONE	Mega Perintis Tbk.	0.396	0.597

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.

PEFINDO Beta Saham report is published on our website (www.pefindo.com).