

PEFINDO BETA STOCK

Edition: 02-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
1.	AALI	Astra Agro Lestari Tbk.	1.694	1.463
2.	ABBA	Mahaka Media Tbk.	0.785	0.857
3.	ABDA	Asuransi Bina Dana Arta Tbk.	0.292	0.528
4.	ABMM	ABM Investama Tbk.	0.223	0.482
5.	ACES	Ace Hardware Indonesia Tbk.	0.758	0.839
6.	ACST	Acset Indonusa Tbk.	2.547	2.031
7.	ADES	Akasha Wira International Tbk.	0.695	0.797
8.	ADHI	Adhi Karya (Persero) Tbk.	2.537	2.025
9.	ADMF	Adira Dinamika Multi Finance Tbk.	0.795	0.864
10.	ADMG	Polychem Indonesia Tbk.	1.337	1.225
11.	ADRO	Adaro Energy Tbk.	1.175	1.117
12.	AGII	Aneka Gas Industri Tbk.	1.602	1.401
13.	AGRO	Bank Rakyat Indonesia Agroniaga Tbk.	2.774	2.183
14.	AGRS	Bank Agris Tbk.	0.577	0.718
15.	AHAP	Asuransi Harta Aman Pratama Tbk.	0.013	0.342
16.	AIMS	Akbar Indo Makmur Stimec Tbk.	0.212	0.475
17.	AISA	Tiga Pilar Sejahtera Food Tbk.	0.540	0.693
18.	AKPI	Argha Karya Prima Industry Tbk.	0.933	0.956
19.	AKRA	AKR Corporindo Tbk.	1.325	1.217
20.	AKSI	Majapahit Inti Corpora Tbk.	1.396	1.264
21.	ALMI	Alumindo Light Metal Industry Tbk.	0.799	0.866
22.	AMAG	Asuransi Multi Artha Guna Tbk.	0.064	0.376
23.	AMFG	Asahimas Flat Glass Tbk.	0.623	0.748
24.	AMIN	Ateliers Mecaniques D Indonesie Tbk.	0.310	0.540
25.	AMRT	Sumber Alfaria Trijaya Tbk.	0.580	0.720
26.	ANJT	Austindo Nusantara Jaya Tbk.	0.798	0.865
27.	ANTM	Aneka Tambang (Persero) Tbk.	1.938	1.625
28.	APEX	Apexindo Pratama Duta Tbk.	1.261	1.174
29.	APIC	Pacific Strategic Financial Tbk.	0.090	0.393
30.	APLI	Asiaplast Industries Tbk.	0.624	0.750
31.	APLN	Agung Podomoro Land Tbk.	1.768	1.512
32.	ARGO	Argo Pantes Tbk.	0.521	0.681
33.	ARII	Atlas Resources Tbk.	0.213	0.475
34.	ARMY	Armidian Karyatama Tbk.	0.119	0.412
35.	ARNA	Arwana Citramulia Tbk.	0.742	0.828
36.	ARTA	Arthavest Tbk.	0.300	0.533
37.	ASBI	Asuransi Bintang Tbk.	0.002	0.335
38.	ASDM	Asuransi Dayin Mitra Tbk.	0.145	0.430
39.	ASGR	Astra Graphia Tbk.	0.786	0.857
40.	ASII	Astra International Tbk.	1.505	1.336

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Edition: 02-June-2022

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41.	ASJT	Asuransi Jasa Tania Tbk.	0.849	0.900
42.	ASMI	Asuransi Mitra Maparya Tbk.	0.519	0.680
43.	ASRI	Alam Sutera Realty Tbk.	1.876	1.584
44.	ASRM	Asuransi Ramayana Tbk.	0.187	0.458
45.	ASSA	Adi Sarana Armada Tbk.	1.584	1.389
46.	ATIC	Anabatic Technologies Tbk.	0.184	0.456
47.	AUTO	Astra Otoparts Tbk.	1.278	1.186
48.	BABP	Bank MNC Internasional Tbk.	0.610	0.740
49.	BAJA	Saranacentral Bajatama Tbk.	0.532	0.688
50.	BALI	Bali Towerindo Sentra Tbk.	0.470	0.647
51.	BAPA	Bekasi Asri Pemula Tbk.	0.232	0.488
52.	BAYU	Bayu Buana Tbk.	0.068	0.379
53.	BBCA	Bank Central Asia Tbk.	0.957	0.971
54.	BBHI	Bank Harda Internasional Tbk.	2.658	2.106
55.	BBKP	Bank Bukopin Tbk.	2.314	1.876
56.	BBLD	Buana Finance Tbk.	0.054	0.369
57.	BBMD	Bank Mestika Dharma Tbk.	0.920	0.947
58.	BBNI	Bank Negara Indonesia (Persero) Tbk.	1.949	1.633
59.	BBRI	Bank Rakyat Indonesia (Persero) Tbk.	1.608	1.405
60.	BBTN	Bank Tabungan Negara (Persero) Tbk.	2.071	1.714
61.	BBYB	Bank Yudha Bhakti Tbk.	0.845	0.897
62.	BCAP	MNC Kapital Indonesia Tbk.	1.111	1.074
63.	BCIC	Bank JTrust Indonesia Tbk.	0.025	0.350
64.	BCIP	Bumi Citra Permai Tbk.	0.325	0.550
65.	BDMN	Bank Danamon Indonesia Tbk.	1.634	1.422
66.	BEEF	Estika Tata Tiara Tbk.	1.009	1.006
67.	BEKS	Bank Pundi Indonesia Tbk.	0.016	0.344
68.	BEST	Bekasi Fajar Industrial Estate Tbk.	1.043	1.029
69.	BFIN	BFI Finance Indonesia Tbk.	1.453	1.302
70.	BGTG	Bank Ganesha Tbk.	0.982	0.988
71.	BHIT	MNC Investama Tbk.	0.763	0.842
72.	BIKA	Binakarya Jaya Abadi Tbk.	0.524	0.682
73.	BIMA	Primarindo Asia Infrastructure Tbk.	0.101	0.401
74.	BIPI	Benakat Petroleum Energy Tbk.	0.320	0.546
75.	BIPP	Bhuwanatala Indah Permai Tbk.	0.102	0.402
76.	BIRD	Blue Bird Tbk.	1.872	1.581
77.	BISI	BISI International Tbk.	1.035	1.023
78.	BJBR	Bank Pembangunan Daerah Jawa Barat dan Bante	1.312	1.208
79.	BJTM	Bank Pembangunan Daerah Jawa Timur Tbk.	1.137	1.091
80.	BKDP	Bukit Darmo Property Tbk.	0.115	0.410

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81.	BKSL	Sentul City Tbk.	0.249	0.499
82.	BKSW	Bank QNB Indonesia Tbk.	0.862	0.908
83.	BLTA	Berlian Laju Tanker Tbk.	0.105	0.403
84.	BLTZ	Graha Layar Prima Tbk.	0.084	0.389
85.	BMAS	Bank Maspion Indonesia Tbk.	0.743	0.828
86.	BMRI	Bank Mandiri (Persero) Tbk.	1.582	1.388
87.	BMSR	Bintang Mitra Semestaraya Tbk.	0.528	0.686
88.	BMTR	Global Mediacom Tbk.	1.645	1.430
89.	BNBA	Bank Bumi Arta Tbk.	1.628	1.419
90.	BNBR	Bakrie & Brothers Tbk.	0.013	0.342
91.	BNGA	Bank CIMB Niaga Tbk.	1.198	1.132
92.	BNII	Bank Maybank Indonesia Tbk.	1.275	1.183
93.	BNLI	Bank Permata Tbk.	0.709	0.806
94.	BOLT	Garuda Metalindo Tbk.	0.695	0.796
95.	BOSS	Borneo Olah Sarana Sukses Tbk.	1.906	1.604
96.	BPFI	Batavia Prosperindo Finance Tbk.	0.169	0.446
97.	BRAM	Indo Kordsa Tbk.	0.570	0.713
98.	BRIS	Bank BRI syariah Tbk.	2.275	1.850
99.	BRMS	Bumi Resources Minerals Tbk.	0.427	0.618
100.	BRPT	Barito Pacific Tbk.	1.725	1.483
101.	BSDE	Bumi Serpong Damai Tbk.	1.400	1.267
102.	BSIM	Bank Sinarmas Tbk.	0.262	0.508
103.	BSSR	Baramulti Suksessarana Tbk.	0.286	0.524
104.	BTEK	Bumi Teknokultura Unggul Tbk.	0.020	0.347
105.	BTEL	Bakrie Telecom Tbk.	0.000	0.333
106.	BTON	Betonjaya Manunggal Tbk.	0.939	0.959
107.	BTPN	Bank Tabungan Pensiunan Nasional Tbk.	1.202	1.135
108.	BTPS	Bank Tabungan Pensiunan Nasional Syariah Tbk.	1.626	1.417
109.	BUDI	Budi Starch & Sweetener Tbk.	0.308	0.539
110.	BUKK	Bukaka Teknik Utama Tbk.	0.275	0.516
111.	BULL	Buana Listya Tama Tbk.	0.460	0.640
112.	BUMI	Bumi Resources Tbk.	1.035	1.023
113.	BUVA	Bukit Uluwatu Villa Tbk.	0.375	0.584
114.	BVIC	Bank Victoria International Tbk.	0.809	0.872
115.	BWPT	Eagle High Plantations Tbk.	1.927	1.618
116.	BYAN	Bayan Resources Tbk.	0.631	0.754
117.	CAKK	Cahayaputra Asa Keramik Tbk.	0.221	0.481
118.	CAMP	Campina Ice Cream Industry Tbk.	1.140	1.093
119.	CARS	Industri dan Perdagangan Bintraco Dharma Tbk.	0.772	0.848
120.	CASA	Capital Financial Indonesia Tbk.	0.079	0.386

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121.	CASS	Cardig Aero Services Tbk.	0.100	0.400
122.	CEKA	Wilmar Cahaya Indonesia Tbk.	0.667	0.778
123.	CENT	Centrin Online Tbk.	1.357	1.238
124.	CFIN	Clipan Finance Indonesia Tbk.	0.863	0.909
125.	CINT	Chitose Internasional Tbk.	0.313	0.542
126.	CITA	Cita Mineral Investindo Tbk.	0.431	0.621
127.	CITY	Natura City Developments Tbk.	0.703	0.802
128.	CLAY	Citra Putra Realty Tbk.	0.150	0.433
129.	CLEO	Sariguna Primatirta Tbk.	0.759	0.839
130.	CLPI	Colorpak Indonesia Tbk.	0.893	0.928
131.	CMNP	Citra Marga Nusaphala Persada Tbk.	0.373	0.582
132.	CMPP	Rimau Multi Putra Pratama Tbk.	0.373	0.582
133.	CNKO	Exploitasi Energi Indonesia Tbk.	0.000	0.334
134.	CNTX	Century Textile Industry Tbk.	0.276	0.517
135.	COWL	Cowell Development Tbk.	0.107	0.405
136.	CPIN	Charoen Pokphand Indonesia Tbk.	1.010	1.007
137.	CPRI	Capri Nusa Satu Properti Tbk.	0.063	0.375
138.	CPRO	Central Proteinaprima Tbk.	0.080	0.387
139.	CSAP	Catur Sentosa Adiprana Tbk.	0.480	0.653
140.	CSIS	Cahayasakti Investindo Sukses Tbk.	0.565	0.710
141.	CTBN	Citra Tubindo Tbk.	0.495	0.663
142.	CTRA	Ciputra Development Tbk.	1.678	1.452
143.	CTTH	Citatah Tbk.	0.180	0.453
144.	DEFI	Danasupra Erapacific Tbk.	0.027	0.352
145.	DEWA	Darma Henwa Tbk.	0.158	0.438
146.	DFAM	Dafam Property Indonesia Tbk.	0.219	0.480
147.	DGIK	Nusa Konstruksi Enjiniring Tbk.	0.310	0.540
148.	DIGI	Arkadia Digital Media Tbk.	0.031	0.354
149.	DILD	Intiland Development Tbk.	0.866	0.911
150.	DIVA	Distribusi Voucher Nusantara Tbk.	1.609	1.406
151.	DKFT	Central Omega Resources Tbk.	1.652	1.435
152.	DLTA	Delta Djakarta Tbk.	0.723	0.816
153.	DMAS	Puradelta Lestari Tbk.	1.553	1.369
154.	DOID	Delta Dunia Makmur Tbk.	2.521	2.014
155.	DPNS	Duta Pertiwi Nusantara Tbk.	0.710	0.807
156.	DSFI	Dharma Samudera Fishing Industries Tbk.	0.708	0.805
157.	DSNG	Dharma Satya Nusantara Tbk.	1.027	1.018
158.	DSSA	Dian Swastatika Sentosa Tbk.	0.108	0.406
159.	DUCK	Jaya Bersama Indo Tbk.	1.787	1.524
160.	DUTI	Duta Pertiwi Tbk.	0.180	0.453

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161.	DVLA	Darya-Varia Laboratoria Tbk.	0.222	0.481
162.	DYAN	Dyandra Media International Tbk.	0.625	0.750
163.	ECII	Electronic City Indonesia Tbk.	0.421	0.614
164.	EKAD	Ekadharna International Tbk.	0.773	0.849
165.	ELSA	Elnusa Tbk.	1.839	1.560
166.	EMDE	Megapolitan Developments Tbk.	0.061	0.374
167.	EMTK	Elang Mahkota Teknologi Tbk.	0.551	0.701
168.	ENRG	Energi Mega Persada Tbk.	0.912	0.941
169.	EPMT	Enseval Putera Megatrading Tbk.	0.167	0.445
170.	ERAA	Erajaya Swasembada Tbk.	1.625	1.416
171.	ERTX	Eratex Djaja Tbk.	0.131	0.421
172.	ESSA	Surya Esa Perkasa Tbk.	1.556	1.371
173.	ESTI	Ever Shine Tex Tbk.	0.060	0.373
174.	ETWA	Eterindo Wahanatama Tbk.	0.407	0.605
175.	EXCL	XL Axiata Tbk.	1.383	1.255
176.	FAST	Fast Food Indonesia Tbk.	0.425	0.617
177.	FASW	Fajar Surya Wisesa Tbk.	0.107	0.404
178.	FILM	MD Pictures Tbk.	0.930	0.953
179.	FIRE	Alfa Energi Investama Tbk.	1.958	1.639
180.	FISH	FKS Multi Agro Tbk.	0.986	0.990
181.	FOOD	Sentra Food Indonesia Tbk.	0.609	0.740
182.	FORU	Fortune Indonesia Tbk.	1.042	1.028
183.	FPNI	Lotte Chemical Titan Tbk.	1.354	1.236
184.	FREN	Smartfren Telecom Tbk.	1.550	1.367
185.	GAMA	Gading Development Tbk.	0.001	0.334
186.	GDST	Gunawan Dianjaya Steel Tbk.	0.778	0.852
187.	GDYR	Goodyear Indonesia Tbk.	0.575	0.717
188.	GEMA	Gema Grahasarana Tbk.	0.057	0.371
189.	GEMS	Golden Energy Mines Tbk.	0.009	0.340
190.	GGRM	Gudang Garam Tbk.	0.944	0.963
191.	GHON	Gihon Telekomunikasi Indonesia Tbk.	0.243	0.495
192.	GIAA	Garuda Indonesia (Persero) Tbk.	1.765	1.510
193.	GJTL	Gajah Tunggal Tbk.	1.578	1.385
194.	GMFI	Garuda Maintenance Facility Aero Asia Tbk.	1.467	1.312
195.	GOLD	Golden Retailindo Tbk.	0.656	0.770
196.	GOOD	Garudafood Putra Putri Jaya Tbk.	0.557	0.705
197.	GPRA	Perdana Gapuraprima Tbk.	0.692	0.795
198.	GTBO	Garda Tujuh Buana Tbk.	0.591	0.727
199.	GWSA	Greenwood Sejahtera Tbk.	1.477	1.318
200.	GZCO	Gozco Plantations Tbk.	0.436	0.624

PEFINDO BETA STOCK

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No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
201.	H DFA	HD Finance Tbk.	0.037	0.358
202.	H DTX	Panasia Indo Resources Tbk.	0.003	0.335
203.	H EAL	Medikaloka Hermina Tbk.	0.857	0.905
204.	H ELI	Jaya Trishindo Tbk.	0.072	0.382
205.	H ERO	Hero Supermarket Tbk.	0.221	0.480
206.	H EXA	Hexindo Adiperkasa Tbk.	0.917	0.945
207.	H ITS	Humpuss Intermoda Transportasi Tbk.	0.504	0.669
208.	H KMU	HK Metals Utama Tbk.	1.278	1.186
209.	H MSP	H.M. Sampoerna Tbk.	0.893	0.929
210.	H OKI	Buyung Poetra Sembada Tbk.	0.888	0.925
211.	H RME	Menteng Heritage Realty Tbk.	0.213	0.475
212.	H RTA	Hartadinata Abadi Tbk.	0.518	0.679
213.	H RUM	Harum Energy Tbk.	0.769	0.846
214.	I ATA	Indonesia Air Transport Tbk.	0.801	0.868
215.	I BFN	Intan Baruprana Finance Tbk.	1.221	1.147
216.	I CBP	Indofood CBP Sukses Makmur Tbk.	0.345	0.563
217.	I CON	Island Concepts Indonesia Tbk.	0.434	0.623
218.	I DPR	Indonesia Pondasi Raya Tbk.	1.213	1.142
219.	I GAR	Champion Pacific Indonesia Tbk.	0.751	0.834
220.	I IKP	Inti Agri Resources Tbk.	0.027	0.351
221.	I KBI	Sumi Indo Kabel Tbk.	0.560	0.707
222.	I MAS	Indomobil Sukses Internasional Tbk.	2.273	1.848
223.	I MJS	Indomobil Multi Jasa Tbk.	1.730	1.486
224.	I MPC	Impack Pratama Industri Tbk.	0.233	0.489
225.	I NAF	Indofarma Tbk.	0.583	0.722
226.	I NAI	Indal Aluminium Industry Tbk.	0.274	0.516
227.	I NCF	Amstelco Indonesia Tbk	0.743	0.829
228.	I NCI	Intanwijaya Internasional Tbk.	0.630	0.753
229.	I NCO	Vale Indonesia Tbk.	1.482	1.321
230.	I NDF	Indofood Sukses Makmur Tbk.	0.540	0.693
231.	I NDR	Indo-Rama Synthetics Tbk.	1.141	1.094
232.	I NDS	Indospring Tbk.	0.640	0.760
233.	I NDY	Indika Energy Tbk.	2.080	1.720
234.	I NKP	Indah Kiat Pulp & Paper Tbk.	1.739	1.492
235.	I NPC	Bank Artha Graha Internasional Tbk.	0.879	0.920
236.	I NPP	Indonesian Paradise Property Tbk.	0.379	0.586
237.	I NPS	Indah Prakasa Sentosa Tbk.	0.747	0.832
238.	I NTA	Intraco Penta Tbk.	0.749	0.833
239.	I NTP	Indocement Tunggul Prakasa Tbk.	1.139	1.093
240.	I PCC	Indonesia Kendaraan Terminal Tbk.	1.630	1.420

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241.	IPCM	Jasa Armada Indonesia Tbk.	1.352	1.235
242.	IPOL	Indopoly Swakarsa Industry Tbk.	0.997	0.998
243.	ISAT	Indosat Tbk.	1.899	1.599
244.	ISSP	Steel Pipe Industry of Indonesia Tbk.	1.075	1.050
245.	ITMA	Sumber Energi Andalan Tbk.	1.118	1.078
246.	ITMG	Indo Tambangraya Megah Tbk.	1.581	1.387
247.	JAST	Jasnita Telekomindo Tbk.	1.303	1.202
248.	JAWA	Jaya Agra Wattie Tbk.	0.299	0.533
249.	JAYA	Armada Berjaya Trans Tbk.	0.949	0.966
250.	JGLE	Graha Andrasentra Propertindo Tbk.	0.033	0.355
251.	JIHD	Jakarta International Hotels & Development Tbk.	0.139	0.426
252.	JKON	Jaya Konstruksi Manggala Pratama Tbk.	0.190	0.460
253.	JMAS	Asuransi Jiwa Syariah Jasa Mitra Abadi Tbk.	0.907	0.938
254.	JPFA	Japfa Comfeed Indonesia Tbk.	1.260	1.173
255.	JRPT	Jaya Real Property Tbk.	0.906	0.937
256.	JSMR	Jasa Marga (Persero) Tbk.	1.350	1.233
257.	JSPT	Jakarta Setiabudi Internasional Tbk.	0.040	0.360
258.	JTPE	Jasuindo Tiga Perkasa Tbk.	0.386	0.591
259.	KAEF	Kimia Farma Tbk.	0.307	0.538
260.	KBLI	KMI Wire & Cable Tbk.	0.836	0.891
261.	KBLM	Kabelindo Murni Tbk.	0.105	0.403
262.	KBRI	Kertas Basuki Rachmat Indonesia Tbk.	0.007	0.338
263.	KDSI	Kedawung Setia Industrial Tbk.	0.994	0.996
264.	KIAS	Keramika Indonesia Asosiasi Tbk.	0.222	0.481
265.	KIJA	Kawasan Industri Jababeka Tbk.	0.961	0.974
266.	KINO	Kino Indonesia Tbk.	0.941	0.961
267.	KIOS	Kioson Komersial Indonesia Tbk.	0.781	0.854
268.	KKGI	Resource Alam Indonesia Tbk.	1.155	1.103
269.	KLBF	Kalbe Farma Tbk.	0.760	0.840
270.	KMTR	Kirana Megatara Tbk.	0.963	0.976
271.	KOBX	Kobexindo Tractors Tbk.	0.754	0.836
272.	KOIN	Kokoh Inti Arebama Tbk.	0.603	0.735
273.	KOPI	Mitra Energi Persada Tbk.	0.148	0.432
274.	KPAL	Steadfast Marine Tbk.	0.568	0.712
275.	KPAS	Cottonindo Ariesta Tbk.	0.288	0.525
276.	KPIG	MNC Land Tbk.	0.284	0.522
277.	KRAH	Grand Kartech Tbk.	1.196	1.131
278.	KRAS	Krakatau Steel (Persero) Tbk.	2.027	1.685
279.	KREN	Kresna Graha Sekurindo Tbk.	0.604	0.736
280.	LAND	Trimitra Propertindo Tbk.	0.259	0.506

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281.	LCGP	Laguna Cipta Griya Tbk.	0.008	0.339
282.	LCKM	LCK Global Kedaton Tbk.	0.048	0.365
283.	LEAD	Logindo Samudramakmur Tbk.	0.064	0.376
284.	LINK	Link Net Tbk.	0.700	0.800
285.	LION	Lion Metal Works Tbk.	0.839	0.893
286.	LMAS	Limas Centric Indonesia Tbk.	1.319	1.213
287.	LMPI	Langgeng Makmur Industri Tbk.	0.117	0.412
288.	LPCK	Lippo Cikarang Tbk.	1.799	1.533
289.	LPGI	Lippo General Insurance Tbk.	0.164	0.442
290.	LPIN	Multi Prima Sejahtera Tbk.	0.854	0.903
291.	LPKR	Lippo Karawaci Tbk.	1.592	1.395
292.	LPLI	Star Pacific Tbk.	0.031	0.354
293.	LPPF	Matahari Department Store Tbk.	1.666	1.444
294.	LPPS	Lippo Securities Tbk.	0.266	0.511
295.	LRNA	Eka Sari Lorena Transport Tbk.	0.749	0.833
296.	LSIP	PP London Sumatra Indonesia Tbk.	1.422	1.281
297.	LTLS	Lautan Luas Tbk.	0.496	0.664
298.	MABA	Marga Abhinaya Abadi Tbk.	0.039	0.359
299.	MAGP	Multi Agro Gemilang Plantation Tbk.	0.006	0.337
300.	MAIN	Malindo Feedmill Tbk.	1.666	1.444
301.	MAPA	Map Aktif Adiperkasa Tbk.	1.394	1.263
302.	MAPB	MAP Boga Adiperkasa Tbk.	0.474	0.649
303.	MAPI	Mitra Adiperkasa Tbk.	1.569	1.379
304.	MARI	Mahaka Radio Integra Tbk.	0.422	0.615
305.	MARK	Mark Dynamics Indonesia Tbk.	1.084	1.056
306.	MASA	Multistrada Arah Sarana Tbk.	0.705	0.803
307.	MAYA	Bank Mayapada Internasional Tbk.	0.831	0.887
308.	MBAP	Mitrabara Adiperdana Tbk.	0.857	0.905
309.	MBSS	Mitrabahtera Segara Sejati Tbk.	1.283	1.189
310.	MBTO	Martina Berto Tbk.	0.346	0.564
311.	MCAS	M Cash Integrasi Tbk.	1.814	1.543
312.	MCOR	Bank Windu Kentjana International Tbk.	1.297	1.198
313.	MDIA	Intermedia Capital Tbk.	0.234	0.490
314.	MDKA	Merdeka Copper Gold Tbk.	0.964	0.976
315.	MDKI	Emdeki Utama Tbk.	0.532	0.688
316.	MDLN	Modernland Realty Ltd. Tbk.	1.289	1.192
317.	MEDC	Medco Energi International Tbk.	1.722	1.482
318.	MEGA	Bank Mega Tbk.	0.236	0.491
319.	MERK	Merck Tbk.	1.192	1.128
320.	META	Nusantara Infrastructure Tbk.	1.176	1.118

PEFINDO BETA STOCK

Edition: 02-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
321.	MFIN	Mandala Multifinance Tbk.	0.406	0.604
322.	MFMI	Multifiling Mitra Indonesia Tbk.	0.682	0.788
323.	MGNA	Magna Finance Tbk.	0.000	0.333
324.	MGRO	Mahkota Group Tbk.	0.558	0.705
325.	MICE	Multi Indocitra Tbk.	0.144	0.429
326.	MIDI	Midi Utama Indonesia Tbk.	0.255	0.504
327.	MIKA	Mitra Keluarga Karyasehat Tbk.	0.550	0.700
328.	MINA	Sanurhasta Mitra Tbk.	0.374	0.582
329.	MITI	Mitra Investindo Tbk.	0.119	0.412
330.	MKNT	Mitra Komunikasi Nusantara Tbk.	0.107	0.405
331.	MKPI	Metropolitan Kentjana Tbk.	0.028	0.352
332.	MLBI	Multi Bintang Indonesia Tbk.	0.799	0.866
333.	MLIA	Mulia Industrindo Tbk.	0.533	0.689
334.	MLPL	Multipolar Tbk.	0.588	0.725
335.	MLPT	Multipolar Technology Tbk.	1.029	1.019
336.	MMLP	Mega Manunggal Property Tbk.	0.431	0.620
337.	MNCN	Media Nusantara Citra Tbk.	1.564	1.376
338.	MPMX	Mitra Pinasthika Mustika Tbk.	0.854	0.903
339.	MPOW	Megapower Makmur Tbk.	0.377	0.584
340.	MPPA	Matahari Putra Prima Tbk.	0.359	0.573
341.	MPRO	Propertindo Mulia Investama Tbk.	0.893	0.929
342.	MRAT	Mustika Ratu Tbk.	0.411	0.608
343.	MSIN	MNC Studios International Tbk.	0.766	0.844
344.	MSKY	MNC Sky Vision Tbk.	0.265	0.510
345.	MTDL	Metrodata Electronics Tbk.	1.063	1.042
346.	MTLA	Metropolitan Land Tbk.	0.506	0.671
347.	MTRA	Mitra Pemuda Tbk.	0.062	0.375
348.	MTWI	Malacca Trust Wuwungan Insurance Tbk.	0.340	0.560
349.	MYOH	Samindo Resources Tbk.	0.462	0.642
350.	MYOR	Mayora Indah Tbk.	0.539	0.693
351.	MYRX	Hanson International Tbk.	0.046	0.364
352.	NASA	Ayana Land International Tbk.	0.081	0.387
353.	NFCX	NFC Indonesia Tbk.	0.191	0.461
354.	NIKL	Pelat Timah Nusantara Tbk.	1.772	1.515
355.	NISP	Bank OCBC NISP Tbk.	0.308	0.539
356.	NOBU	Bank Nationalnobu Tbk.	0.088	0.392
357.	NRCA	Nusa Raya Cipta Tbk.	0.788	0.859
358.	NUSA	Sinergi Megah Internusa Tbk.	0.028	0.352
359.	OASA	Protech Mitra Perkasa Tbk.	0.400	0.600
360.	OKAS	Ancora Indonesia Resources Tbk.	0.614	0.742

PEFINDO BETA STOCK

Edition: 02-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
361.	OMRE	Indonesia Prima Property Tbk.	0.573	0.715
362.	PADI	Minna Padi Investama Tbk.	0.274	0.516
363.	PALM	Provident Agro Tbk.	0.571	0.714
364.	PANI	Pratama Abadi Nusa Industri Tbk.	2.324	1.883
365.	PANR	Panorama Sentrawisata Tbk.	2.736	2.157
366.	PANS	Panin Sekuritas Tbk.	1.345	1.230
367.	PBID	Panca Budi Idaman Tbk.	0.680	0.787
368.	PBRX	Pan Brothers Tbk.	0.946	0.964
369.	PBSA	Paramita Bangun Sarana Tbk.	0.642	0.761
370.	PCAR	Prima Cakrawala Abadi Tbk.	0.733	0.822
371.	PDES	Destinasi Tirta Nusantara Tbk.	1.606	1.404
372.	PEHA	Phapros Tbk.	0.828	0.886
373.	PGAS	PT Perusahaan Gas Negara Tbk.	2.150	1.767
374.	PGLI	Pembangunan Graha Lestari Indah Tbk.	0.211	0.474
375.	PICO	Pelangi Indah Canindo Tbk.	0.739	0.826
376.	PJAA	Pembangunan Jaya Ancol Tbk.	1.346	1.231
377.	PKPK	Perdana Karya Perkasa Tbk.	0.354	0.570
378.	PLIN	Plaza Indonesia Realty Tbk.	0.203	0.468
379.	PNBN	Bank Pan Indonesia Tbk.	1.478	1.319
380.	PNBS	Bank Panin Syariah Tbk.	0.230	0.486
381.	PNIN	Panin Insurance Tbk.	1.062	1.041
382.	PNLF	Panin Financial Tbk.	1.275	1.183
383.	POLA	Pool Advista Finance Tbk.	1.634	1.423
384.	POLY	Asia Pacific Fibers Tbk.	0.255	0.503
385.	POOL	Pool Advista Indonesia Tbk.	0.271	0.514
386.	PORT	Nusantara Pelabuhan Handal Tbk.	0.101	0.401
387.	POSA	Bliss Properti Indonesia Tbk.	0.087	0.391
388.	POWR	Cikarang Listrindo Tbk.	0.921	0.947
389.	PPRE	PP Presisi Tbk.	1.944	1.629
390.	PPRO	PP Properti Tbk.	1.061	1.041
391.	PRDA	Prodia Widyahusada Tbk.	0.438	0.625
392.	PRIM	Royal Prima Tbk.	0.371	0.581
393.	PSAB	J Resources Asia Pasifik Tbk.	0.722	0.815
394.	PSDN	Prasidha Aneka Niaga Tbk.	0.192	0.462
395.	PSKT	Pusako Tarinka Tbk.	0.140	0.426
396.	PSSI	Pelita Samudera Shipping Tbk.	0.491	0.660
397.	PTBA	Tambang Batubara Bukit Asam (Persero) Tbk.	1.068	1.046
398.	PTIS	Indo Straits Tbk.	0.614	0.743
399.	PTPP	PP (Persero) Tbk.	2.502	2.001
400.	PTRO	Petrosea Tbk.	1.194	1.129

PEFINDO BETA STOCK

Edition: 02-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
401.	PTSN	Sat Nusapersada Tbk.	1.015	1.010
402.	PTSP	Pioneerindo Gourmet International Tbk.	0.021	0.347
403.	PUDP	Pudjiadi Prestige Tbk.	0.848	0.898
404.	PWON	Pakuwon Jati Tbk.	1.617	1.411
405.	PYFA	Pyridam Farma Tbk.	0.827	0.885
406.	PZZA	Sarimelati Kencana Tbk.	1.254	1.169
407.	RAJA	Rukun Raharja Tbk.	1.451	1.301
408.	RALS	Ramayana Lestari Sentosa Tbk.	1.719	1.480
409.	RANC	Supra Boga Lestari Tbk.	0.515	0.677
410.	RBMS	Ristia Bintang Mahkotasejati Tbk.	0.233	0.488
411.	RDTX	Roda Vivatex Tbk.	0.189	0.459
412.	RIGS	Rig Tenders Indonesia Tbk.	0.516	0.677
413.	RIMO	Rimo International Lestari Tbk.	0.037	0.358
414.	RMBA	Bentoel Internasional Investama Tbk.	0.275	0.517
415.	RODA	Pikko Land Development Tbk.	0.102	0.401
416.	ROTI	Nippon Indosari Corpindo Tbk.	0.269	0.513
417.	RUIS	Radiant Utama Interinsco Tbk.	0.622	0.748
418.	SAFE	Steady Safe Tbk.	0.231	0.487
419.	SAME	Sarana Meditama Metropolitan Tbk.	0.751	0.834
420.	SAPX	Satria Antarana Prima Tbk.	0.048	0.365
421.	SATU	Kota Satu Properti Tbk.	0.350	0.567
422.	SCCO	Supreme Cable Manufacturing & Commerce Tbk.	0.056	0.371
423.	SCMA	Surya Citra Media Tbk.	1.509	1.339
424.	SDMU	Sidomulyo Selaras Tbk.	0.274	0.516
425.	SDPC	Millennium Pharmacon International Tbk.	0.852	0.901
426.	SDRA	Bank Woori Saudara Indonesia 1906 Tbk.	0.105	0.403
427.	SGRO	Sampoerna Agro Tbk.	0.287	0.525
428.	SHID	Hotel Sahid Jaya International Tbk.	0.117	0.412
429.	SHIP	Sillo Maritime Perdana Tbk.	0.314	0.543
430.	SIDO	Industri Jamu dan Farmasi Sido Muncul Tbk.	0.374	0.583
431.	SILO	Siloam International Hospitals Tbk.	0.458	0.638
432.	SIMA	Siwani Makmur Tbk.	0.036	0.357
433.	SIMP	Salim Ivomas Pratama Tbk.	1.412	1.275
434.	SIPD	Sierad Produce Tbk.	0.357	0.572
435.	SKBM	Sekar Bumi Tbk.	0.025	0.350
436.	SKLT	Sekar Laut Tbk.	0.152	0.435
437.	SKRN	Superkrane Mitra Utama Tbk.	0.589	0.726
438.	SKYB	Skybee Tbk.	0.095	0.396
439.	SMAR	Smart Tbk.	0.940	0.960
440.	SMBR	Semen Baturaja (Persero) Tbk.	2.635	2.090

PEFINDO BETA STOCK

Edition: 02-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
441.	SMCB	Holcim Indonesia Tbk.	1.038	1.025
442.	SMDM	Suryamas Dutamakmur Tbk.	0.403	0.602
443.	SMDR	Samudera Indonesia Tbk.	1.002	1.001
444.	SMGR	Semen Indonesia (Persero) Tbk.	1.259	1.173
445.	SMMA	Sinarmas Multiartha Tbk.	0.053	0.368
446.	SMMT	Golden Eagle Energy Tbk.	1.057	1.038
447.	SMRA	Summarecon Agung Tbk.	1.708	1.472
448.	SMRU	SMR Utama Tbk.	0.062	0.374
449.	SMSM	Selamat Sempurna Tbk.	0.866	0.911
450.	SOCI	Soechi Lines Tbk.	1.714	1.476
451.	SONA	Sona Topas Tourism Industry Tbk.	0.017	0.345
452.	SOSS	Shield On Service Tbk.	0.001	0.334
453.	SPMA	Suparma Tbk.	0.339	0.559
454.	SPTO	Surya Pertiwi Tbk.	0.813	0.875
455.	SQMI	Renuka Coalindo Tbk.	0.963	0.975
456.	SRAJ	Sejahteraya Anugrahjaya Tbk.	0.404	0.603
457.	SRIL	Sri Rejeki Isman Tbk.	1.319	1.213
458.	SRSN	Indo Acidatama Tbk.	0.151	0.434
459.	SRTG	Saratoga Investama Sedaya Tbk.	0.658	0.772
460.	SSIA	Surya Semesta Internusa Tbk.	1.001	1.001
461.	SSMS	Sawit Sumbermas Sarana Tbk.	0.102	0.401
462.	SSTM	Sunson Textile Manufacture Tbk.	0.469	0.646
463.	STAR	Star Petrochem Tbk.	0.180	0.454
464.	SUPR	Solusi Tunas Pratama Tbk.	0.614	0.743
465.	SWAT	Sriwahana Adityakarta Tbk.	0.537	0.691
466.	TBIG	Tower Bersama Infrastructure Tbk.	0.863	0.909
467.	TBLA	Tunas Baru Lampung Tbk.	1.253	1.169
468.	TBMS	Tembaga Mulia Semanan Tbk.	0.257	0.505
469.	TCID	Mandom Indonesia Tbk.	0.110	0.407
470.	TCPI	Transcoal Pacific Tbk.	0.874	0.916
471.	TDPM	Tridomain Performance Materials Tbk.	0.774	0.849
472.	TELE	Tiphone Mobile Indonesia Tbk.	1.313	1.209
473.	TFCO	Tifico Fiber Indonesia Tbk.	0.527	0.685
474.	TGRA	Terregra Asia Energy Tbk.	1.352	1.235
475.	TIFA	Tifa Finance Tbk.	0.071	0.381
476.	TINS	Timah (Persero) Tbk.	2.045	1.697
477.	TIRT	Tirta Mahakam Resources Tbk.	0.037	0.358
478.	TKIM	Pabrik Kertas Tjiwi Kimia Tbk.	1.950	1.634
479.	TLKM	Telekomunikasi Indonesia (Persero) Tbk.	0.910	0.940
480.	TMAS	Pelayaran Tempuran Emas Tbk.	0.341	0.560

PEFINDO BETA STOCK

Edition: 02-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
481.	TMPO	Tempo Intimedia Tbk.	0.214	0.476
482.	TNCA	Trimuda Nuansa Citra Tbk.	0.319	0.546
483.	TOBA	Toba Bara Sejahtera Tbk.	0.226	0.484
484.	TOPS	Totalindo Eka Persada Tbk.	0.529	0.686
485.	TOTL	Total Bangun Persada Tbk.	0.984	0.989
486.	TOTO	Surya Toto Indonesia Tbk.	0.595	0.730
487.	TOWR	Sarana Menara Nusantara Tbk.	0.661	0.774
488.	TPIA	Chandra Asri Petrochemical Tbk.	1.088	1.059
489.	TPMA	Trans Power Marine Tbk.	0.340	0.560
490.	TRAM	Trada Maritime Tbk.	0.071	0.380
491.	TRIL	Triwira Insanlestari Tbk.	0.001	0.334
492.	TRIM	Trimegah Securities Tbk.	0.286	0.524
493.	TRIO	Trikonsel Oke Tbk.	0.438	0.625
494.	TRST	Trias Sentosa Tbk.	0.396	0.598
495.	TRUK	Guna Timur Raya Tbk.	0.690	0.794
496.	TSPC	Tempo Scan Pacific Tbk.	0.750	0.833
497.	TUGU	Asuransi Tugu Pratama Indonesia Tbk.	0.504	0.669
498.	ULTJ	Ultra Jaya Milk Industry & Trading Company, Tbk.	0.415	0.610
499.	UNIC	Unggul Indah Cahaya Tbk.	0.539	0.692
500.	UNIT	Nusantara Inti Corpora Tbk.	0.591	0.727
501.	UNSP	Bakrie Sumatra Plantations Tbk.	1.298	1.199
502.	UNTR	United Tractors Tbk.	0.986	0.991
503.	UNVR	Unilever Indonesia Tbk.	0.327	0.551
504.	VIVA	Visi Media Asia Tbk.	0.090	0.393
505.	VOKS	Voksel Electric Tbk.	0.416	0.611
506.	VRNA	Verena Multi Finance Tbk.	0.048	0.365
507.	WEGE	Wijaya Karya Bangunan Gedung Tbk.	1.619	1.412
508.	WEHA	WEHA Transportasi Indonesia Tbk.	1.174	1.116
509.	WIIM	Wismilak Inti Makmur Tbk.	2.018	1.679
510.	WIKA	Wijaya Karya (Persero) Tbk.	2.101	1.734
511.	WINS	Wintermar Offshore Marine Tbk.	0.727	0.818
512.	WOMF	Wahana Ottomitra Multiartha Tbk.	0.906	0.937
513.	WOOD	Integra Indocabinet Tbk.	1.147	1.098
514.	WSBP	Waskita Beton Precast Tbk.	1.835	1.557
515.	WSKT	Waskita Karya (Persero) Tbk.	2.532	2.022
516.	WTON	Wijaya Karya Beton Tbk.	1.777	1.518
517.	YELO	Yelooo Integra Datonet Tbk.	0.795	0.863
518.	YPAS	Yanaprima Hastapersada Tbk.	1.041	1.027
519.	YULE	Yulie Sekurindo Tbk.	0.664	0.776
520.	ZINC	Kapuas Prima Coal Tbk.	1.301	1.201

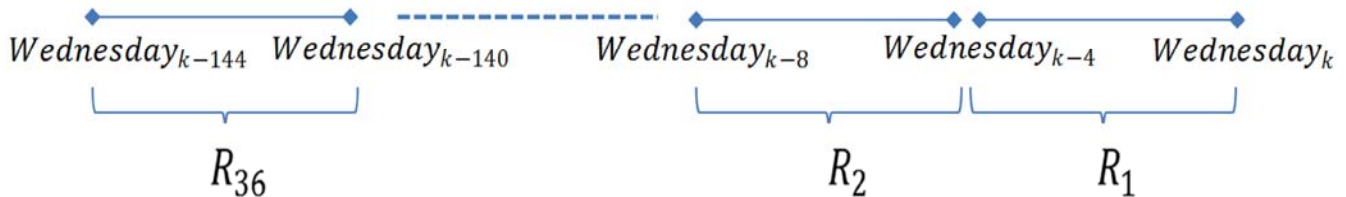
PEFINDO BETA STOCK

Edition: 02-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
521.	ZONE	Mega Perintis Tbk.	0.352	0.568

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).