

PEFINDO BETA STOCK

Edition: 23-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
1.	AALI	Astra Agro Lestari Tbk.	1.665	1.443
2.	ABBA	Mahaka Media Tbk.	0.765	0.843
3.	ABDA	Asuransi Bina Dana Arta Tbk.	0.281	0.521
4.	ABMM	ABM Investama Tbk.	0.177	0.452
5.	ACES	Ace Hardware Indonesia Tbk.	0.737	0.825
6.	ACST	Acset Indonusa Tbk.	2.530	2.020
7.	ADES	Akasha Wira International Tbk.	0.725	0.817
8.	ADHI	Adhi Karya (Persero) Tbk.	2.535	2.023
9.	ADMF	Adira Dinamika Multi Finance Tbk.	0.793	0.862
10.	ADMG	Polychem Indonesia Tbk.	1.336	1.224
11.	ADRO	Adaro Energy Tbk.	1.174	1.116
12.	AGII	Aneka Gas Industri Tbk.	1.612	1.408
13.	AGRO	Bank Rakyat Indonesia Agroniaga Tbk.	2.725	2.150
14.	AGRS	Bank Agris Tbk.	0.573	0.715
15.	AHAP	Asuransi Harta Aman Pratama Tbk.	0.001	0.334
16.	AIMS	Akbar Indo Makmur Stimec Tbk.	0.209	0.472
17.	AISA	Tiga Pilar Sejahtera Food Tbk.	0.530	0.686
18.	AKPI	Argha Karya Prima Industry Tbk.	1.045	1.030
19.	AKRA	AKR Corporindo Tbk.	1.323	1.215
20.	AKSI	Majapahit Inti Corpora Tbk.	1.432	1.288
21.	ALMI	Alumindo Light Metal Industry Tbk.	0.801	0.868
22.	AMAG	Asuransi Multi Artha Guna Tbk.	0.080	0.387
23.	AMFG	Asahimas Flat Glass Tbk.	0.627	0.751
24.	AMIN	Ateliers Mecaniques D Indonesie Tbk.	0.308	0.538
25.	AMRT	Sumber Alfaria Trijaya Tbk.	0.592	0.728
26.	ANJT	Austindo Nusantara Jaya Tbk.	0.791	0.860
27.	ANTM	Aneka Tambang (Persero) Tbk.	1.905	1.603
28.	APEX	Apexindo Pratama Duta Tbk.	1.234	1.156
29.	APIC	Pacific Strategic Financial Tbk.	0.079	0.386
30.	APLI	Asiaplast Industries Tbk.	0.609	0.739
31.	APLN	Agung Podomoro Land Tbk.	1.761	1.508
32.	ARGO	Argo Pantes Tbk.	0.515	0.677
33.	ARII	Atlas Resources Tbk.	0.221	0.481
34.	ARMY	Armidian Karyatama Tbk.	0.123	0.415
35.	ARNA	Arwana Citramulia Tbk.	0.736	0.824
36.	ARTA	Arthavest Tbk.	0.274	0.516
37.	ASBI	Asuransi Bintang Tbk.	0.008	0.339
38.	ASDM	Asuransi Dayin Mitra Tbk.	0.148	0.432
39.	ASGR	Astra Graphia Tbk.	0.794	0.863
40.	ASII	Astra International Tbk.	1.492	1.328

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41.	ASJT	Asuransi Jasa Tania Tbk.	0.851	0.901
42.	ASMI	Asuransi Mitra Maparya Tbk.	0.508	0.672
43.	ASRI	Alam Sutera Realty Tbk.	1.884	1.590
44.	ASRM	Asuransi Ramayana Tbk.	0.182	0.455
45.	ASSA	Adi Sarana Armada Tbk.	1.565	1.376
46.	ATIC	Anabatic Technologies Tbk.	0.190	0.460
47.	AUTO	Astra Otoparts Tbk.	1.287	1.191
48.	BABP	Bank MNC Internasional Tbk.	0.594	0.729
49.	BAJA	Saranacentral Bajatama Tbk.	0.493	0.662
50.	BALI	Bali Towerindo Sentra Tbk.	0.488	0.658
51.	BAPA	Bekasi Asri Pemula Tbk.	0.227	0.485
52.	BATA	Sepatu Bata Tbk.	0.009	0.339
53.	BAYU	Bayu Buana Tbk.	0.066	0.378
54.	BBCA	Bank Central Asia Tbk.	0.947	0.965
55.	BBHI	Bank Harda Internasional Tbk.	2.543	2.028
56.	BBKP	Bank Bukopin Tbk.	2.281	1.854
57.	BBLD	Buana Finance Tbk.	0.066	0.377
58.	BBMD	Bank Mestika Dharma Tbk.	0.911	0.941
59.	BBNI	Bank Negara Indonesia (Persero) Tbk.	1.929	1.619
60.	BBRI	Bank Rakyat Indonesia (Persero) Tbk.	1.595	1.396
61.	BBTN	Bank Tabungan Negara (Persero) Tbk.	2.043	1.696
62.	BBYB	Bank Yudha Bhakti Tbk.	0.814	0.876
63.	BCAP	MNC Kapital Indonesia Tbk.	1.040	1.027
64.	BCIC	Bank JTrust Indonesia Tbk.	0.024	0.349
65.	BCIP	Bumi Citra Permai Tbk.	0.320	0.547
66.	BDMN	Bank Danamon Indonesia Tbk.	1.627	1.418
67.	BEEF	Estika Tata Tiara Tbk.	1.007	1.005
68.	BEKS	Bank Pundi Indonesia Tbk.	0.019	0.346
69.	BEST	Bekasi Fajar Industrial Estate Tbk.	1.053	1.035
70.	BFIN	BFI Finance Indonesia Tbk.	1.430	1.287
71.	BGTG	Bank Ganesha Tbk.	0.950	0.966
72.	BHIT	MNC Investama Tbk.	0.779	0.853
73.	BIKA	Binakarya Jaya Abadi Tbk.	0.463	0.642
74.	BIMA	Primarindo Asia Infrastructure Tbk.	0.132	0.421
75.	BIPI	Benakat Petroleum Energy Tbk.	0.379	0.586
76.	BIPP	Bhuwanatala Indah Permai Tbk.	0.112	0.408
77.	BIRD	Blue Bird Tbk.	1.923	1.615
78.	BISI	BISI International Tbk.	1.021	1.014
79.	BJBR	Bank Pembangunan Daerah Jawa Barat dan Bante	1.303	1.202
80.	BJTM	Bank Pembangunan Daerah Jawa Timur Tbk.	1.126	1.084

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81.	BKDP	Bukit Darmo Property Tbk.	0.112	0.408
82.	BKSL	Sentul City Tbk.	0.250	0.500
83.	BKSW	Bank QNB Indonesia Tbk.	0.843	0.895
84.	BLTA	Berlian Laju Tanker Tbk.	0.105	0.403
85.	BLTZ	Graha Layar Prima Tbk.	0.068	0.379
86.	BMAS	Bank Maspion Indonesia Tbk.	0.724	0.816
87.	BMRI	Bank Mandiri (Persero) Tbk.	1.579	1.386
88.	BMSR	Bintang Mitra Semestara Tbk.	1.018	1.012
89.	BMTR	Global Mediacom Tbk.	1.652	1.435
90.	BNBA	Bank Bumi Arta Tbk.	1.566	1.378
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	1.175
94.	BNLI	Bank Permata Tbk.	0.702	0.801
95.	BOLA	Bali Bintang Sejahtera Tbk.	1.031	1.021
96.	BOLT	Garuda Metalindo Tbk.	0.700	0.800
97.	BOSS	Borneo Olah Sarana Sukses Tbk.	1.856	1.570
98.	BPFI	Batavia Prosperindo Finance Tbk.	0.164	0.443
99.	BRAM	Indo Kordsa Tbk.	0.558	0.705
100.	BRIS	Bank BRI Syariah Tbk.	2.242	1.828
101.	BRMS	Bumi Resources Minerals Tbk.	0.442	0.628
102.	BRPT	Barito Pacific Tbk.	1.692	1.461
103.	BSDE	Bumi Serpong Damai Tbk.	1.390	1.260
104.	BSIM	Bank Sinarmas Tbk.	0.255	0.503
105.	BSSR	Baramulti Suksessarana Tbk.	0.252	0.502
106.	BTEK	Bumi Teknokultura Unggul Tbk.	0.023	0.348
107.	BTEL	Bakrie Telecom Tbk.	0.000	0.333
108.	BTON	Betonjaya Manunggal Tbk.	0.892	0.928
109.	BTPN	Bank Tabungan Pensiunan Nasional Tbk.	1.192	1.128
110.	BTPS	Bank Tabungan Pensiunan Nasional Syariah Tbk.	1.601	1.401
111.	BUDI	Budi Starch & Sweetener Tbk.	0.284	0.523
112.	BUKK	Bukaka Teknik Utama Tbk.	0.277	0.518
113.	BULL	Buana Listya Tama Tbk.	0.458	0.638
114.	BUMI	Bumi Resources Tbk.	1.034	1.023
115.	BUVA	Bukit Uluwatu Villa Tbk.	0.373	0.582
116.	BVIC	Bank Victoria International Tbk.	0.794	0.863
117.	BWPT	Eagle High Plantations Tbk.	1.909	1.606
118.	BYAN	Bayan Resources Tbk.	0.659	0.773
119.	CAKK	Cahayaputra Asa Keramik Tbk.	0.232	0.488
120.	CAMP	Campina Ice Cream Industry Tbk.	1.133	1.089

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121.	CARS	Industri dan Perdagangan Bintraco Dharma Tbk.	0.772	0.848
122.	CASA	Capital Financial Indonesia Tbk.	0.084	0.389
123.	CASS	Cardig Aero Services Tbk.	0.098	0.398
124.	CCSI	Communication Cable Systems Indonesia Tbk.	0.746	0.831
125.	CEKA	Wilmar Cahaya Indonesia Tbk.	0.657	0.771
126.	CENT	Centrin Online Tbk.	1.334	1.222
127.	CFIN	Clipan Finance Indonesia Tbk.	0.894	0.929
128.	CINT	Chitose Internasional Tbk.	0.310	0.540
129.	CITA	Cita Mineral Investindo Tbk.	0.423	0.615
130.	CITY	Natura City Developments Tbk.	0.693	0.796
131.	CLAY	Citra Putra Realty Tbk.	0.139	0.426
132.	CLEO	Sariguna Primatirta Tbk.	0.769	0.846
133.	CLPI	Colorpak Indonesia Tbk.	0.876	0.917
134.	CMNP	Citra Marga Nusaphala Persada Tbk.	0.355	0.570
135.	CMPP	Rimau Multi Putra Pratama Tbk.	0.301	0.534
136.	CNKO	Exploitasi Energi Indonesia Tbk.	0.000	0.334
137.	CNTX	Century Textile Industry Tbk.	0.263	0.509
138.	COWL	Cowell Development Tbk.	0.110	0.407
139.	CPIN	Charoen Pokphand Indonesia Tbk.	1.005	1.003
140.	CPRI	Capri Nusa Satu Properti Tbk.	0.064	0.376
141.	CPRO	Central Proteinaprima Tbk.	0.056	0.371
142.	CSAP	Catur Sentosa Adiprana Tbk.	0.502	0.668
143.	CSIS	Cahayasakti Investindo Sukses Tbk.	0.562	0.708
144.	CTBN	Citra Tubindo Tbk.	0.478	0.652
145.	CTRA	Ciputra Development Tbk.	1.656	1.438
146.	CTTH	Citatah Tbk.	0.181	0.454
147.	DEFI	Danasupra Erapacific Tbk.	0.027	0.351
148.	DEWA	Darma Henwa Tbk.	0.163	0.442
149.	DFAM	Dafam Property Indonesia Tbk.	0.216	0.477
150.	DGIK	Nusa Konstruksi Enjiniring Tbk.	0.261	0.507
151.	DIGI	Arkadia Digital Media Tbk.	0.103	0.402
152.	DILD	Intiland Development Tbk.	0.871	0.914
153.	DIVA	Distribusi Voucher Nusantara Tbk.	1.591	1.394
154.	DKFT	Central Omega Resources Tbk.	1.667	1.445
155.	DLTA	Delta Djakarta Tbk.	0.731	0.821
156.	DMAS	Puradelta Lestari Tbk.	1.539	1.360
157.	DOID	Delta Dunia Makmur Tbk.	2.455	1.970
158.	DPNS	Duta Pertiwi Nusantara Tbk.	0.705	0.803
159.	DSFI	Dharma Samudera Fishing Industries Tbk.	0.701	0.800
160.	DSNG	Dharma Satya Nusantara Tbk.	1.012	1.008

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161.	DSSA	Dian Swastatika Sentosa Tbk.	0.141	0.427
162.	DUCK	Jaya Bersama Indo Tbk.	1.778	1.519
163.	DUTI	Duta Pertiwi Tbk.	0.209	0.473
164.	DVLA	Darya-Varia Laboratoria Tbk.	0.223	0.482
165.	DYAN	Dyandra Media International Tbk.	0.620	0.747
166.	ECII	Electronic City Indonesia Tbk.	0.376	0.584
167.	EKAD	Ekadharma International Tbk.	0.765	0.843
168.	ELSA	Elnusa Tbk.	1.846	1.564
169.	EMDE	Megapolitan Developments Tbk.	0.057	0.372
170.	EMTK	Elang Mahkota Teknologi Tbk.	0.510	0.673
171.	ENRG	Energi Mega Persada Tbk.	0.935	0.957
172.	EPMT	Enseval Putera Megatrading Tbk.	0.156	0.437
173.	ERAA	Erajaya Swasembada Tbk.	1.606	1.404
174.	ERTX	Eratex Djaja Tbk.	0.142	0.428
175.	ESSA	Surya Esa Perkasa Tbk.	1.491	1.328
176.	ESTI	Ever Shine Tex Tbk.	0.057	0.371
177.	ETWA	Eterindo Wahanatama Tbk.	0.404	0.603
178.	EXCL	XL Axiata Tbk.	1.356	1.237
179.	FAST	Fast Food Indonesia Tbk.	0.419	0.613
180.	FASW	Fajar Surya Wisesa Tbk.	0.114	0.409
181.	FILM	MD Pictures Tbk.	0.991	0.994
182.	FIRE	Alfa Energi Investama Tbk.	1.941	1.627
183.	FISH	FKS Multi Agro Tbk.	0.960	0.973
184.	FITT	Hotel Fitra International Tbk.	1.080	1.054
185.	FOOD	Sentra Food Indonesia Tbk.	0.598	0.732
186.	FORU	Fortune Indonesia Tbk.	1.025	1.017
187.	FPNI	Lotte Chemical Titan Tbk.	1.330	1.220
188.	FREN	Smartfren Telecom Tbk.	1.560	1.373
189.	GAMA	Gading Development Tbk.	0.001	0.334
190.	GDST	Gunawan Dianjaya Steel Tbk.	0.784	0.856
191.	GDYR	Goodyear Indonesia Tbk.	0.572	0.715
192.	GEMA	Gema Grahasarana Tbk.	0.071	0.381
193.	GEMS	Golden Energy Mines Tbk.	0.014	0.343
194.	GGRM	Gudang Garam Tbk.	0.944	0.963
195.	GHON	Gihon Telekomunikasi Indonesia Tbk.	0.239	0.493
196.	GIAA	Garuda Indonesia (Persero) Tbk.	1.752	1.501
197.	GJTL	Gajah Tunggal Tbk.	1.583	1.389
198.	GMFI	Garuda Maintenance Facility Aero Asia Tbk.	1.453	1.302
199.	GOLD	Golden Retailindo Tbk.	0.660	0.774
200.	GOOD	Garudafood Putra Putri Jaya Tbk.	0.554	0.703

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No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
201.	GPRA	Perdana Gapuraprima Tbk.	0.713	0.809
202.	GTBO	Garda Tujuh Buana Tbk.	0.589	0.726
203.	GWSA	Greenwood Sejahtera Tbk.	1.487	1.325
204.	GZCO	Gozco Plantations Tbk.	0.401	0.600
205.	HDFA	HD Finance Tbk.	0.071	0.381
206.	HDTX	Panasia Indo Resources Tbk.	0.003	0.335
207.	HEAL	Medikaloka Hermina Tbk.	0.845	0.897
208.	HELI	Jaya Trishindo Tbk.	0.076	0.384
209.	HERO	Hero Supermarket Tbk.	0.201	0.468
210.	HEXA	Hexindo Adiperkasa Tbk.	0.915	0.943
211.	HITS	Humpuss Intermoda Transportasi Tbk.	0.459	0.639
212.	HKMU	HK Metals Utama Tbk.	1.275	1.184
213.	HMSP	H.M. Sampoerna Tbk.	0.904	0.936
214.	HOKI	Buyung Poetra Sembada Tbk.	0.879	0.920
215.	HRME	Menteng Heritage Realty Tbk.	0.220	0.480
216.	HRTA	Hartadinata Abadi Tbk.	0.516	0.677
217.	HRUM	Harum Energy Tbk.	0.741	0.827
218.	IATA	Indonesia Air Transport Tbk.	0.735	0.823
219.	IBFN	Intan Baruprana Finance Tbk.	1.209	1.140
220.	ICBP	Indofood CBP Sukses Makmur Tbk.	0.349	0.566
221.	ICON	Island Concepts Indonesia Tbk.	0.443	0.629
222.	IDPR	Indonesia Pondasi Raya Tbk.	1.202	1.134
223.	IGAR	Champion Pacific Indonesia Tbk.	0.756	0.837
224.	IIKP	Inti Agri Resources Tbk.	0.027	0.352
225.	IKBI	Sumi Indo Kabel Tbk.	0.558	0.705
226.	IMAS	Indomobil Sukses Internasional Tbk.	2.278	1.852
227.	IMJS	Indomobil Multi Jasa Tbk.	1.708	1.472
228.	IMPC	Impack Pratama Industri Tbk.	0.225	0.483
229.	INAF	Indofarma Tbk.	0.557	0.704
230.	INAI	Indal Aluminium Industry Tbk.	0.285	0.523
231.	INCF	Amstelco Indonesia Tbk	0.737	0.824
232.	INCI	Intanwijaya Internasional Tbk.	0.672	0.782
233.	INCO	Vale Indonesia Tbk.	1.470	1.314
234.	INDF	Indofood Sukses Makmur Tbk.	0.548	0.699
235.	INDR	Indo-Rama Synthetics Tbk.	1.172	1.115
236.	INDS	Indospring Tbk.	0.634	0.756
237.	INDY	Indika Energy Tbk.	2.070	1.713
238.	INKP	Indah Kiat Pulp & Paper Tbk.	1.732	1.488
239.	INPC	Bank Artha Graha Internasional Tbk.	0.865	0.910
240.	INPP	Indonesian Paradise Property Tbk.	0.366	0.577

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241.	INPS	Indah Prakasa Sentosa Tbk.	0.691	0.794
242.	INTA	Intraco Penta Tbk.	0.782	0.855
243.	INTP	Indocement Tunggal Prakasa Tbk.	1.119	1.079
244.	IPCC	Indonesia Kendaraan Terminal Tbk.	1.646	1.431
245.	IPCM	Jasa Armada Indonesia Tbk.	1.351	1.234
246.	IPOL	Indopoly Swakarsa Industry Tbk.	0.991	0.994
247.	ISAT	Indosat Tbk.	1.904	1.603
248.	ISSP	Steel Pipe Industry of Indonesia Tbk.	1.059	1.039
249.	ITMA	Sumber Energi Andalan Tbk.	1.117	1.078
250.	ITMG	Indo Tambangraya Megah Tbk.	1.578	1.386
251.	JAST	Jasnita Telekomindo Tbk.	1.263	1.175
252.	JAWA	Jaya Agra Wattie Tbk.	0.304	0.536
253.	JAYA	Armada Berjaya Trans Tbk.	0.899	0.933
254.	JGLE	Graha Andrasentra Propertindo Tbk.	0.033	0.355
255.	JIHD	Jakarta International Hotels & Development Tbk.	0.130	0.420
256.	JKON	Jaya Konstruksi Manggala Pratama Tbk.	0.201	0.467
257.	JMAS	Asuransi Jiwa Syariah Jasa Mitra Abadi Tbk.	0.898	0.932
258.	JPFA	Japfa Comfeed Indonesia Tbk.	1.254	1.169
259.	JRPT	Jaya Real Property Tbk.	0.903	0.935
260.	JSMR	Jasa Marga (Persero) Tbk.	1.340	1.227
261.	JSPT	Jakarta Setiabudi Internasional Tbk.	0.042	0.361
262.	JTPE	Jasuindo Tiga Perkasa Tbk.	0.351	0.568
263.	KAEF	Kimia Farma Tbk.	0.292	0.528
264.	KBLI	KMI Wire & Cable Tbk.	0.828	0.885
265.	KBLM	Kabelindo Murni Tbk.	0.136	0.424
266.	KBRI	Kertas Basuki Rachmat Indonesia Tbk.	0.007	0.338
267.	KDSI	Kedawung Setia Industrial Tbk.	1.018	1.012
268.	KIAS	Keramika Indonesia Asosiasi Tbk.	0.223	0.482
269.	KIJA	Kawasan Industri Jababeka Tbk.	0.955	0.970
270.	KINO	Kino Indonesia Tbk.	0.887	0.925
271.	KIOS	Kioson Komersial Indonesia Tbk.	0.757	0.838
272.	KKGI	Resource Alam Indonesia Tbk.	1.144	1.096
273.	KLBF	Kalbe Farma Tbk.	0.751	0.834
274.	KMTR	Kirana Megatara Tbk.	0.964	0.976
275.	KOBX	Kobexindo Tractors Tbk.	0.792	0.861
276.	KOIN	Kokoh Inti Arebama Tbk.	0.599	0.733
277.	KOPI	Mitra Energi Persada Tbk.	0.150	0.433
278.	KPAL	Steadfast Marine Tbk.	0.567	0.711
279.	KPAS	Cottonindo Ariesta Tbk.	0.287	0.525
280.	KPIG	MNC Land Tbk.	0.291	0.527

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281.	KRAH	Grand Kartech Tbk.	1.190	1.126
282.	KRAS	Krakatau Steel (Persero) Tbk.	2.010	1.673
283.	KREN	Kresna Graha Sekurindo Tbk.	0.605	0.736
284.	LAND	Trimitra Propertindo Tbk.	0.278	0.519
285.	LCGP	Laguna Cipta Griya Tbk.	0.008	0.339
286.	LCKM	LCK Global Kedaton Tbk.	0.048	0.365
287.	LEAD	Logindo Samudramakmur Tbk.	0.069	0.379
288.	LINK	Link Net Tbk.	0.697	0.798
289.	LION	Lion Metal Works Tbk.	0.877	0.918
290.	LMAS	Limas Centric Indonesia Tbk.	1.298	1.199
291.	LMPI	Langgeng Makmur Industri Tbk.	0.117	0.411
292.	LPCK	Lippo Cikarang Tbk.	1.784	1.523
293.	LPGI	Lippo General Insurance Tbk.	0.144	0.429
294.	LPIN	Multi Prima Sejahtera Tbk.	0.833	0.888
295.	LPKR	Lippo Karawaci Tbk.	1.584	1.389
296.	LPLI	Star Pacific Tbk.	0.012	0.341
297.	LPPF	Matahari Department Store Tbk.	1.622	1.414
298.	LPPS	Lippo Securities Tbk.	0.256	0.504
299.	LRNA	Eka Sari Lorena Transport Tbk.	0.751	0.834
300.	LSIP	PP London Sumatra Indonesia Tbk.	1.402	1.268
301.	LTLS	Lautan Luas Tbk.	0.520	0.680
302.	MABA	Marga Abhinaya Abadi Tbk.	0.039	0.359
303.	MAGP	Multi Agro Gemilang Plantation Tbk.	0.006	0.337
304.	MAIN	Malindo Feedmill Tbk.	1.653	1.436
305.	MAPA	Map Aktif Adiperkasa Tbk.	1.382	1.255
306.	MAPB	MAP Boga Adiperkasa Tbk.	0.477	0.652
307.	MAPI	Mitra Adiperkasa Tbk.	1.559	1.373
308.	MARI	Mahaka Radio Integra Tbk.	0.377	0.585
309.	MARK	Mark Dynamics Indonesia Tbk.	1.072	1.048
310.	MASA	Multistrada Arah Sarana Tbk.	0.707	0.805
311.	MAYA	Bank Mayapada Internasional Tbk.	0.844	0.896
312.	MBAP	Mitrabara Adiperdana Tbk.	0.856	0.904
313.	MBSS	Mitrabahtera Segara Sejati Tbk.	1.241	1.160
314.	MBTO	Martina Berto Tbk.	0.341	0.561
315.	MCAS	M Cash Integrasi Tbk.	1.784	1.523
316.	MCOR	Bank Windu Kentjana International Tbk.	1.289	1.192
317.	MDIA	Intermedia Capital Tbk.	0.237	0.491
318.	MDKA	Merdeka Copper Gold Tbk.	0.944	0.963
319.	MDKI	Emdeki Utama Tbk.	0.533	0.689
320.	MDLN	Modernland Realty Ltd. Tbk.	1.375	1.250

PEFINDO BETA STOCK

Edition: 23-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
321.	MEDC	Medco Energi International Tbk.	1.735	1.490
322.	MEGA	Bank Mega Tbk.	0.224	0.483
323.	MERK	Merck Tbk.	1.188	1.125
324.	META	Nusantara Infrastructure Tbk.	1.173	1.116
325.	MFIN	Mandala Multifinance Tbk.	0.429	0.619
326.	MFMI	Multifiling Mitra Indonesia Tbk.	0.682	0.788
327.	MGNA	Magna Finance Tbk.	0.000	0.333
328.	MGRO	Mahkota Group Tbk.	0.550	0.700
329.	MICE	Multi Indocitra Tbk.	0.167	0.445
330.	MIDI	Midi Utama Indonesia Tbk.	0.261	0.507
331.	MIKA	Mitra Keluarga Karyasehat Tbk.	0.547	0.698
332.	MINA	Sanurhasta Mitra Tbk.	0.377	0.585
333.	MITI	Mitra Investindo Tbk.	0.113	0.409
334.	MKNT	Mitra Komunikasi Nusantara Tbk.	0.110	0.407
335.	MKPI	Metropolitan Kentjana Tbk.	0.025	0.350
336.	MLBI	Multi Bintang Indonesia Tbk.	0.807	0.871
337.	MLIA	Mulia Industrindo Tbk.	0.573	0.715
338.	MLPL	Multipolar Tbk.	0.558	0.705
339.	MLPT	Multipolar Technology Tbk.	1.003	1.002
340.	MMLP	Mega Manunggal Property Tbk.	0.424	0.616
341.	MNCN	Media Nusantara Citra Tbk.	1.561	1.374
342.	MPMX	Mitra Pinasthika Mustika Tbk.	0.807	0.872
343.	MPOW	Megapower Makmur Tbk.	0.377	0.584
344.	MPPA	Matahari Putra Prima Tbk.	0.329	0.553
345.	MPRO	Propertindo Mulia Investama Tbk.	0.869	0.913
346.	MRAT	Mustika Ratu Tbk.	0.410	0.607
347.	MSIN	MNC Studios International Tbk.	0.713	0.809
348.	MSKY	MNC Sky Vision Tbk.	0.274	0.516
349.	MTDL	Metrodata Electronics Tbk.	1.034	1.023
350.	MTLA	Metropolitan Land Tbk.	0.506	0.671
351.	MTRA	Mitra Pemuda Tbk.	0.064	0.376
352.	MTWI	Malacca Trust Wuwungan Insurance Tbk.	0.343	0.562
353.	MYOH	Samindo Resources Tbk.	0.435	0.623
354.	MYOR	Mayora Indah Tbk.	0.533	0.689
355.	MYRX	Hanson International Tbk.	0.049	0.366
356.	NASA	Ayana Land International Tbk.	0.089	0.393
357.	NFCX	NFC Indonesia Tbk.	0.277	0.518
358.	NIKL	Pelat Timah Nusantara Tbk.	1.754	1.503
359.	NISP	Bank OCBC NISP Tbk.	0.308	0.539
360.	NOBU	Bank Nationalnobu Tbk.	0.086	0.391

PEFINDO BETA STOCK

Edition: 23-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
361.	NRCA	Nusa Raya Cipta Tbk.	0.784	0.856
362.	NUSA	Sinergi Megah Internusa Tbk.	0.028	0.352
363.	OASA	Protech Mitra Perkasa Tbk.	0.401	0.601
364.	OKAS	Ancora Indonesia Resources Tbk.	0.604	0.736
365.	OMRE	Indonesia Prima Property Tbk.	0.548	0.699
366.	PADI	Minna Padi Investama Tbk.	0.279	0.519
367.	PALM	Provident Agro Tbk.	0.565	0.710
368.	PANI	Pratama Abadi Nusa Industri Tbk.	2.292	1.861
369.	PANR	Panorama Sentrawisata Tbk.	2.715	2.143
370.	PANS	Panin Sekuritas Tbk.	1.349	1.232
371.	PBID	Panca Budi Idaman Tbk.	0.668	0.778
372.	PBRX	Pan Brothers Tbk.	0.950	0.967
373.	PBSA	Paramita Bangun Sarana Tbk.	0.679	0.786
374.	PCAR	Prima Cakrawala Abadi Tbk.	0.717	0.811
375.	PDES	Destinasi Tirta Nusantara Tbk.	1.594	1.396
376.	PEHA	Phapros Tbk.	0.823	0.882
377.	PGAS	PT Perusahaan Gas Negara Tbk.	2.143	1.762
378.	PGLI	Pembangunan Graha Lestari Indah Tbk.	0.177	0.452
379.	PICO	Pelangi Indah Canindo Tbk.	0.720	0.814
380.	PJAA	Pembangunan Jaya Ancol Tbk.	1.343	1.228
381.	PKPK	Perdana Karya Perkasa Tbk.	0.354	0.569
382.	PLIN	Plaza Indonesia Realty Tbk.	0.230	0.486
383.	PNBN	Bank Pan Indonesia Tbk.	1.588	1.392
384.	PNBS	Bank Panin Syariah Tbk.	0.270	0.514
385.	PNIN	Panin Insurance Tbk.	1.104	1.069
386.	PNLF	Panin Financial Tbk.	1.405	1.270
387.	POLA	Pool Advista Finance Tbk.	1.603	1.402
388.	POLY	Asia Pacific Fibers Tbk.	0.235	0.490
389.	POOL	Pool Advista Indonesia Tbk.	0.280	0.520
390.	PORT	Nusantara Pelabuhan Handal Tbk.	0.089	0.393
391.	POSA	Bliss Properti Indonesia Tbk.	0.093	0.395
392.	POWR	Cikarang Listrindo Tbk.	0.918	0.945
393.	PPRE	PP Presisi Tbk.	1.937	1.624
394.	PPRO	PP Properti Tbk.	1.057	1.038
395.	PRDA	Prodia Widyahusada Tbk.	0.425	0.616
396.	PRIM	Royal Prima Tbk.	0.354	0.570
397.	PSAB	J Resources Asia Pasifik Tbk.	0.720	0.813
398.	PSDN	Prasidha Aneka Niaga Tbk.	0.178	0.452
399.	PSKT	Pusako Tarinka Tbk.	0.119	0.412
400.	PSSI	Pelita Samudera Shipping Tbk.	0.480	0.653

PEFINDO BETA STOCK

Edition: 23-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
401.	PTBA	Tambang Batubara Bukit Asam (Persero) Tbk.	1.056	1.037
402.	PTIS	Indo Straits Tbk.	0.608	0.739
403.	PTPP	PP (Persero) Tbk.	2.494	1.996
404.	PTRO	Petrosea Tbk.	1.186	1.124
405.	PTSN	Sat Nusapersada Tbk.	1.008	1.006
406.	PUDP	Pudjiadi Prestige Tbk.	0.831	0.887
407.	PWON	Pakuwon Jati Tbk.	1.595	1.397
408.	PYFA	Pyridam Farma Tbk.	0.804	0.869
409.	PZZA	Sarimelati Kencana Tbk.	1.237	1.158
410.	RAJA	Rukun Raharja Tbk.	1.527	1.351
411.	RALS	Ramayana Lestari Sentosa Tbk.	1.697	1.464
412.	RANC	Supra Boga Lestari Tbk.	0.503	0.669
413.	RBMS	Ristia Bintang Mahkotasejati Tbk.	0.224	0.483
414.	RDTX	Roda Vivatex Tbk.	0.202	0.468
415.	RIGS	Rig Tenders Indonesia Tbk.	0.578	0.719
416.	RIMO	Rimo International Lestari Tbk.	0.040	0.360
417.	RMBA	Bentoel Internasional Investama Tbk.	0.271	0.514
418.	RODA	Pikko Land Development Tbk.	0.123	0.415
419.	ROTI	Nippon Indosari Corpindo Tbk.	0.268	0.512
420.	RUIS	Radiant Utama Interinsco Tbk.	0.652	0.768
421.	SAFE	Steady Safe Tbk.	0.230	0.487
422.	SAME	Sarana Meditama Metropolitan Tbk.	0.746	0.831
423.	SAPX	Satria Antarana Prima Tbk.	0.025	0.350
424.	SATU	Kota Satu Properti Tbk.	0.343	0.562
425.	SCCO	Supreme Cable Manufacturing & Commerce Tbk.	0.056	0.371
426.	SCMA	Surya Citra Media Tbk.	1.479	1.319
427.	SDMU	Sidomulyo Selaras Tbk.	0.290	0.526
428.	SDPC	Millennium Pharmacon International Tbk.	0.843	0.896
429.	SDRA	Bank Woori Saudara Indonesia 1906 Tbk.	0.114	0.409
430.	SFAN	Surya Fajar Capital Tbk.	0.527	0.685
431.	SGRO	Sampoerna Agro Tbk.	0.276	0.518
432.	SHID	Hotel Sahid Jaya International Tbk.	0.114	0.409
433.	SHIP	Sillo Maritime Perdana Tbk.	0.320	0.547
434.	SIDO	Industri Jamu dan Farmasi Sido Muncul Tbk.	0.374	0.583
435.	SILO	Siloam International Hospitals Tbk.	0.458	0.639
436.	SIMA	Siwani Makmur Tbk.	0.038	0.358
437.	SIMP	Salim Ivomas Pratama Tbk.	1.398	1.265
438.	SIPD	Sierad Produce Tbk.	0.322	0.548
439.	SKBM	Sekar Bumi Tbk.	0.013	0.342
440.	SKLT	Sekar Laut Tbk.	0.136	0.424

PEFINDO BETA STOCK

Edition: 23-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
441.	SKRN	Superkrane Mitra Utama Tbk.	0.588	0.725
442.	SKYB	Skybee Tbk.	0.099	0.399
443.	SMAR	Smart Tbk.	0.934	0.956
444.	SMBR	Semen Baturaja (Persero) Tbk.	2.618	2.079
445.	SMCB	Holcim Indonesia Tbk.	1.034	1.023
446.	SMDM	Suryamas Dutamakmur Tbk.	0.427	0.618
447.	SMDR	Samudera Indonesia Tbk.	1.018	1.012
448.	SMGR	Semen Indonesia (Persero) Tbk.	1.266	1.177
449.	SMMA	Sinarmas Multiartha Tbk.	0.054	0.369
450.	SMMT	Golden Eagle Energy Tbk.	1.020	1.013
451.	SMRA	Summarecon Agung Tbk.	1.676	1.450
452.	SMRU	SMR Utama Tbk.	0.065	0.377
453.	SMSM	Selamat Sempurna Tbk.	0.847	0.898
454.	SOCI	Soechi Lines Tbk.	1.702	1.468
455.	SONA	Sona Topas Tourism Industry Tbk.	0.005	0.337
456.	SOSS	Shield On Service Tbk.	0.015	0.344
457.	SPMA	Suparma Tbk.	0.347	0.564
458.	SPTO	Surya Pertiwi Tbk.	0.810	0.874
459.	SQMI	Renuka Coalindo Tbk.	0.974	0.983
460.	SRAJ	Sejahteraraya Anugrahjaya Tbk.	0.397	0.598
461.	SRIL	Sri Rejeki Isman Tbk.	1.311	1.208
462.	SRSN	Indo Acidatama Tbk.	0.144	0.429
463.	SRTG	Saratoga Investama Sedaya Tbk.	0.640	0.760
464.	SSIA	Surya Semesta Internusa Tbk.	0.998	0.999
465.	SSMS	Sawit Sumbermas Sarana Tbk.	0.107	0.405
466.	SSTM	Sunson Textile Manufacture Tbk.	0.458	0.639
467.	STAR	Star Petrochem Tbk.	0.174	0.449
468.	SUPR	Solusi Tunas Pratama Tbk.	0.555	0.703
469.	SWAT	Sriwahana Adityakarta Tbk.	0.533	0.689
470.	TBIG	Tower Bersama Infrastructure Tbk.	0.841	0.894
471.	TBLA	Tunas Baru Lampung Tbk.	1.239	1.160
472.	TBMS	Tembaga Mulia Semanan Tbk.	0.263	0.509
473.	TCID	Mandom Indonesia Tbk.	0.115	0.410
474.	TCPI	Transcoal Pacific Tbk.	0.896	0.931
475.	TDPM	Tridomain Performance Materials Tbk.	0.769	0.846
476.	TELE	Tiphone Mobile Indonesia Tbk.	1.258	1.172
477.	TFCO	Tifico Fiber Indonesia Tbk.	0.508	0.672
478.	TGRA	Terregra Asia Energy Tbk.	1.350	1.233
479.	TIFA	Tifa Finance Tbk.	0.048	0.365
480.	TINS	Timah (Persero) Tbk.	2.043	1.695

PEFINDO BETA STOCK

Edition: 23-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
481.	TKIM	Pabrik Kertas Tjiwi Kimia Tbk.	1.938	1.625
482.	TLKM	Telekomunikasi Indonesia (Persero) Tbk.	0.894	0.929
483.	TMAS	Pelayaran Tempuran Emas Tbk.	0.348	0.566
484.	TMPO	Tempo Intimedia Tbk.	0.210	0.473
485.	TNCA	Trimuda Nuansa Citra Tbk.	0.264	0.509
486.	TOBA	Toba Bara Sejahtera Tbk.	0.202	0.468
487.	TOPS	Totalindo Eka Persada Tbk.	0.533	0.689
488.	TOTL	Total Bangun Persada Tbk.	0.987	0.991
489.	TOTO	Surya Toto Indonesia Tbk.	0.650	0.766
490.	TOWR	Sarana Menara Nusantara Tbk.	0.642	0.761
491.	TPIA	Chandra Asri Petrochemical Tbk.	1.072	1.048
492.	TPMA	Trans Power Marine Tbk.	0.346	0.564
493.	TRAM	Trada Maritime Tbk.	0.074	0.382
494.	TRIL	Triwira Insanlestari Tbk.	0.001	0.334
495.	TRIM	Trimegah Securities Tbk.	0.262	0.508
496.	TRIO	Trikonsel Oke Tbk.	0.405	0.603
497.	TRST	Trias Sentosa Tbk.	0.391	0.594
498.	TRUK	Guna Timur Raya Tbk.	0.653	0.769
499.	TSPC	Tempo Scan Pacific Tbk.	0.741	0.828
500.	TUGU	Asuransi Tugu Pratama Indonesia Tbk.	0.497	0.665
501.	TURI	Tunas Ridean Tbk.	0.004	0.336
502.	ULTJ	Ultra Jaya Milk Industry & Trading Company, Tbk.	0.407	0.605
503.	UNIC	Unggul Indah Cahaya Tbk.	0.534	0.689
504.	UNIT	Nusantara Inti Corpora Tbk.	0.582	0.722
505.	UNSP	Bakrie Sumatra Plantations Tbk.	1.289	1.193
506.	UNTR	United Tractors Tbk.	0.984	0.989
507.	UNVR	Unilever Indonesia Tbk.	0.318	0.545
508.	VIVA	Visi Media Asia Tbk.	0.093	0.395
509.	VOKS	Voksel Electric Tbk.	0.407	0.605
510.	VRNA	Verena Multi Finance Tbk.	0.057	0.371
511.	WEGE	Wijaya Karya Bangunan Gedung Tbk.	1.611	1.408
512.	WEHA	WEHA Transportasi Indonesia Tbk.	1.163	1.108
513.	WIIM	Wismilak Inti Makmur Tbk.	1.998	1.665
514.	WIKA	Wijaya Karya (Persero) Tbk.	2.091	1.727
515.	WINS	Wintermar Offshore Marine Tbk.	0.756	0.838
516.	WOMF	Wahana Ottomitra Multiartha Tbk.	0.897	0.931
517.	WOOD	Integra Indocabinet Tbk.	1.146	1.097
518.	WSBP	Waskita Beton Precast Tbk.	1.825	1.550
519.	WSKT	Waskita Karya (Persero) Tbk.	2.530	2.020
520.	WTON	Wijaya Karya Beton Tbk.	1.773	1.515

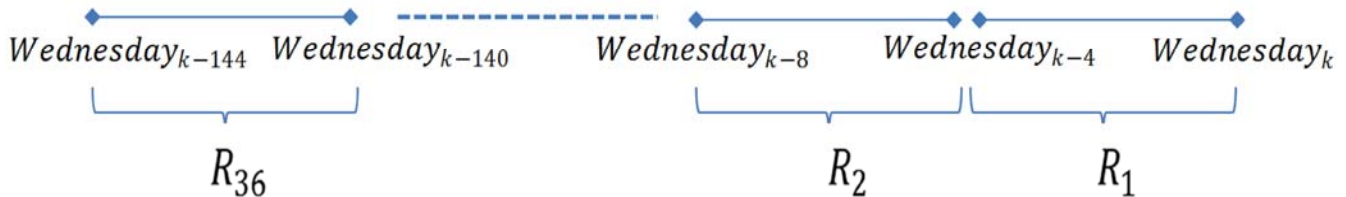
PEFINDO BETA STOCK

Edition: 23-June-2022

No.	TICKER	COMPANY	RAW BETA	ADJUSTED BETA
521.	YELO	Yelooo Integra Datanet Tbk.	0.793	0.862
522.	YPAS	Yanaprima Hastapersada Tbk.	1.019	1.013
523.	YULE	Yulie Sekurindo Tbk.	0.641	0.761
524.	ZINC	Kapuas Prima Coal Tbk.	1.298	1.199
525.	ZONE	Mega Perintis Tbk.	0.406	0.604

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).