

LAMPIRAN-LAMPIRAN

Lampiran 1 Daftar Hasil Penentuan Sampel

No	Nama Perusahaan	KODE	Tanggal IPO	Perusahaan IPO	Overpricing	Selain Rupiah
1	PT Aneka Gas Industri Tbk	AGII	28/09/2016	√		
2	PT Bank Artos Indonesia Tbk	ARTO	12/01/2016	√		
3	PT Bank Ganesha Tbk	BGTG	12/05/2016	√	√	
4	PT Bintang Oto Global Tbk	BOGA	19/12/2016	√		
5	PT Capital Financial Indonesia Tbk	CASA	19/07/2016	√		
6	PT Cikarang Listrindo	POWR	14/06/2016	√		√
7	PT Duta Intidaya Tbk	DAYA	28/06/2016	√		
8	PT Graha Andrasentra Propertindo Tbk	JGLE	29/06/2016	√		
9	PT Mahaka Radio Integra Tbk	MARI	11/02/2016	√		
10	PT Mitra Pemuda Tbk	MTRA	10/02/2016	√		
11	PT Paramita Bangun Sarana Tbk	PBSA	28/09/2016	√		
12	PT Prodia Widyahusada Tbk	PRDA	07/12/2016	√		
13	PT Protech Mitra Perkasa Tbk	OASA	18/07/2016	√		
14	PT Sillo Maritime Perdana Tbk	SHIP	16/06/2016	√		√
15	PT Waskita Beton Precast Tbk	WSBP	20/09/2016	√		
16	PT Alfa Energi Investama Tbk	FIRE	09/06/2017	√		
17	PT Armidian Karyatama Tbk	ARMY	21/06/2017	√		
18	PT Asuransi Jiwa Syariah Jasa Mitra Abadi Tbk	JMAS	18/12/2017	√		
19	PT Ayana Land International Tbk	NASA	07/08/2017	√		
20	PT Buyung Poetra Sembada Tbk	HOKI	22/06/2017	√		
21	PT Cahayasakti Investindo Sukses Tbk	CSIS	10/05/2017	√		
22	PT Campina Ice Cream Industry Tbk	CAMP	19/12/2017	√		
23	PT Dwi Guna Laksana Tbk	DWGL	13/12/2017	√		
24	PT Emdeki Utama Tbk	MDKI	25/09/2017	√	√	
25	PT First Indo American Leasing Tbk	FINN	08/06/2017	√		
26	PT Forza Land Indonesia Tbk	FORZ	28/04/2017	√		

27	PT Garuda Maintenance Facility Aero Asia Tbk	GMFI	10/10/2017	√	√	
28	PT Hartadinata Abadi Tbk	HRTA	21/06/2017	√		
29	PT Industri dan Perdagangan Bintraco Dharma Tbk	CARS	10/04/2017	√	√	
30	PT Integra Indocabinet Tbk	WOOD	21/06/2017	√		
31	PT Jasa Armada Indonesia Tbk	IPCM	22/12/2017	√		
32	PT Kapuas Prima Coal Tbk	ZINC	16/10/2017	√		
33	PT Kioson Komersial Indonesia Tbk	KIOS	05/10/2017	√		
34	PT Kirana Megatara Tbk	KMTR	19/06/2017	√		
35	PT M Cash Integrasi Tbk	MCAS	01/11/2017	√		
36	PT Malacca Trust Wuwungan Insurance Tbk	MTWI	11/10/2017	√		
37	PT MAP Boga Adiperkasa Tbk	MAPB	21/06/2017	√		
38	PT Marga Abhinaya Abadi Tbk	MABA	22/06/2017	√		
39	PT Mark Dynamics Indonesia Tbk	MARK	12/07/2017	√		
40	PT Megapower Makmur Tbk	MPOW	05/07/2017	√		
41	PT Nusantara Pelabuhan Handal Tbk	PORT	16/03/2017	√		
42	PT Panca Budi Idaman Tbk	PBID	13/12/2017	√		
43	PT Pelayaran Tamarin Samudra Tbk	TAMU	10/05/2017	√		√
44	PT Pelita Samudera Shipping Tbk	PSSI	05/12/2017	√		√
45	PT PP Presisi Tbk	PPRE	24/11/2017	√	√	
46	PT Prima Cakrawala Abadi Tbk	PCAR	29/12/2017	√		
47	PT Sanurhasta Mitra Tbk	MINA	28/04/2017	√		
48	PT Sariguna Primatirta Tbk	CLEO	05/05/2017	√		
49	PT Terregra Asia Energy	TGRA	16/05/2017	√		
50	PT Totalindo Eka Persada	TOPS	16/06/2017	√		
51	PT Trisula Textile Industries Tbk	BELL	03/10/2017	√		
52	PT Wijaya Karya Bangunan Gedung	WEGE	30/11/2017	√		
53	PT Andira Agro Tbk	ANDI	16/08/2018	√		
54	PT Arkadia Digital Media Tbk	DIGI	18/09/2018	√		
55	PT Asuransi Tugu Pratama Indonesia Tbk	TUGU	28/05/2018	√	√	
56	PT Bank BRISyariah Tbk	BRIS	09/05/2018	√		
57	PT Bank Tabungan Pensiunan Nasional Syariah Tbk	BTPS	08/05/2018	√		
58	PT Batavia Prosperindo Trans Tbk	BPTR	09/07/2018	√		

59	PT Borneo Olah Sarana Sukses Tbk	BOSS	15/02/2018	√		
60	PT Cahayaputra Asa Keramik Tbk	CAKK	31/10/2018	√	√	
61	PT Charnic Capital Tbk	NICK	02/05/2018	√		
62	PT Cotton Indo Ariesta Tbk	KPAS	05/10/2018	√		
63	PT Dafam Property Indonesia Tbk	DFAM	27/04/2018	√		
64	PT Dewata Freightinternational Tbk	DEAL	09/11/2018	√		
65	PT Distribusi Voucher Nusantara Tbk	DIVA	27/11/2018	√		
66	PT Garudafood Putra Putri Jaya Tbk	GOOD	10/10/2018	√		
67	PT Gihon Telekomunikasi Indonesia Tbk	GHON	09/04/2018	√		
68	PT Guna Timur Raya Tbk	TRUK	23/05/2018	√		
69	PT HK Metals Utama Tbk	HKMU	09/10/2018	√		
70	PT Indah Prakasa Sentosa Tbk	INPS	06/04/2018	√		
71	PT Indonesia Kendaraan Terminal Tbk	IPCC	09/07/2018	√		
72	PT Jaya Bersama Indo Tbk	DUCK	10/10/2018	√		
73	PT Jaya Sukses Makmur Sentosa Tbk	RISE	09/07/2018	√		
74	PT Jaya Trishindo Tbk	HELI	27/03/2018	√		
75	PT Kota Satu Properti Tbk	SATU	05/11/2018	√		
76	PT LCK Global Kedaton Tbk	LCKM	16/01/2018	√		
77	PT Madusari Murni Indah Tbk	MOLI	30/08/2018	√		
78	PT Mahkota Group Tbk	MGRO	12/07/2018	√		
79	PT MAP Aktif Adiperkasa Tbk	MAPA	05/07/2018	√		
80	PT MD Pictures Tbk	FILM	07/08/2018	√		
81	PT Medikaloka Hermina Tbk	HEAL	16/05/2018	√	√	
82	PT Mega Perintis Tbk	ZONE	12/12/2018	√		
83	PT MNC Studios International Tbk	MSIN	08/06/2018	√		
84	PT Natura City Developments Tbk	CITY	28/09/2018	√		
85	PT NFC Indonesia Tbk	NFCX	12/07/2018	√		
86	PT Phapros Tbk	PEHA	26/12/2018	√		
87	PT Pollux Properti Indonesia Tbk	POLL	11/07/2018	√		
88	PT Pool Advista Finance Tbk.	POLA	16/11/2018	√		
89	PT Pratama Abadi Nusa Industri Tbk	PANI	18/09/2018	√		
90	PT Proptertindo Mulia Investama Tbk	MPRO	09/10/2018	√		

91	PT Royal Prima Tbk	PRIM	15/05/2018	√		
92	PT Sarimelati Kencana Tbk	PZZA	23/05/2018	√		
93	PT Satria Antaran Prima Tbk	SAPX	03/10/2018	√		
94	PT Satria Mega Kencana Tbk	SOTS	10/12/2018	√		
95	PT Sentral Mitra Informatika Tbk	LUCK	28/11/2018	√		
96	PT Shield On Service Tbk	SOSS	06/11/2018	√		
97	PT Sinergi Megah Internusa Tbk	NUSA	12/07/2018	√		
98	PT Sky Energy Indonesia Tbk	JSKY	28/03/2018	√		
99	PT Sriwahana Adityakarta Tbk	SWAT	08/06/2018	√		
100	PT Steadfast Marine Tbk	KPAL	08/06/2018	√		
101	PT Super Energy Tbk	SURE	05/10/2018	√		
102	PT Superkrane Mitra Utama Tbk	SKRN	11/10/2018	√		
103	PT Surya Pertiwi Tbk	SPTO	14/05/2018	√		
104	PT Transcoal Pacific Tbk	TCPI	06/07/2018	√		
105	PT Tridomain Performance Materials Tbk	TDPM	09/04/2018	√		√
106	PT Trimitra Propertindo Tbk	LAND	23/08/2018	√		
107	PT Trimuda Nuansa Citra Tbk	TNCA	28/06/2018	√		
108	PT Urban Jakarta Propertindo Tbk	URBN	10/12/2018	√		
109	PT Yelooo Integra Datanet Tbk	YELO	29/10/2018	√		
Jumlah				109	-8	-5

Lampiran 2 Daftar Perusahaan yang Menjadi Sampel Penelitian

No	Nama Perusahaan	KODE	Tanggal IPO
1	PT Aneka Gas Industri Tbk	AGII	28/09/2016
2	PT Bank Artos Indonesia Tbk	ARTO	12/01/2016
3	PT Bintang Oto Global Tbk	BOGA	19/12/2016
4	PT Capital Financial Indonesia Tbk	CASA	19/07/2016
5	PT Duta Intidaya Tbk	DAYA	28/06/2016
6	PT Graha Andrasentra Propertindo Tbk	JGLE	29/06/2016
7	PT Mahaka Radio Integra Tbk	MARI	11/02/2016
8	PT Mitra Pemuda Tbk	MTRA	10/02/2016
9	PT Paramita Bangun Sarana Tbk	PBSA	28/09/2016
10	PT Prodia Widyahusada Tbk	PRDA	07/12/2016
11	PT Protech Mitra Perkasa Tbk	OASA	18/07/2016
12	PT Waskita Beton Precast Tbk	WSBP	20/09/2016
13	PT Alfa Energi Investama Tbk	FIRE	09/06/2017
14	PT Armidian Karyatama Tbk	ARMY	21/06/2017
15	PT Asuransi Jiwa Syariah Jasa Mitra Abadi Tbk	JMAS	18/12/2017
16	PT Ayana Land International Tbk	NASA	07/08/2017
17	PT Buyung Poetra Sembada Tbk	HOKI	22/06/2017
18	PT Cahayasakti Investindo Sukses Tbk	CSIS	10/05/2017
19	PT Campina Ice Cream Industry Tbk	CAMP	19/12/2017
20	PT Dwi Guna Laksana Tbk	DWGL	13/12/2017
21	PT First Indo American Leasing Tbk	FINN	08/06/2017
22	PT Forza Land Indonesia Tbk	FORZ	28/04/2017
23	PT Hartadinata Abadi Tbk	HRTA	21/06/2017
24	PT Integra Indocabinet Tbk	WOOD	21/06/2017
25	PT Jasa Armada Indonesia Tbk	IPCM	22/12/2017
26	PT Kapuas Prima Coal Tbk	ZINC	16/10/2017
27	PT Kioson Komersial Indonesia Tbk	KIOS	05/10/2017
28	PT Kirana Megatara Tbk	KMTR	19/06/2017
29	PT M Cash Integrasi Tbk	MCAS	01/11/2017
30	PT Malacca Trust Wuwungan Insurance Tbk	MTWI	11/10/2017
31	PT MAP Boga Adiperkasa Tbk	MAPB	21/06/2017
32	PT Marga Abhinaya Abadi Tbk	MABA	22/06/2017
33	PT Mark Dynamics Indonesia Tbk	MARK	12/07/2017
34	PT Megapower Makmur Tbk	MPOW	05/07/2017
35	PT Nusantara Pelabuhan Handal Tbk	PORT	16/03/2017
36	PT Panca Budi Idaman Tbk	PBID	13/12/2017
37	PT Prima Cakrawala Abadi Tbk	PCAR	29/12/2017
38	PT Sanurhastha Mitra Tbk	MINA	28/04/2017
39	PT Sariguna Primatirta Tbk	CLEO	05/05/2017
40	PT Terrega Asia Energy	TGRA	16/05/2017
41	PT Totalindo Eka Persada	TOPS	16/06/2017
42	PT Trisula Textile Industries Tbk	BELL	03/10/2017
43	PT Wijaya Karya Bangunan Gedung	WEGE	30/11/2017
44	PT Andira Agro Tbk	ANDI	16/08/2018
45	PT Arkadia Digital Media Tbk	DIGI	18/09/2018
46	PT Bank BRI Syariah Tbk	BRIS	09/05/2018
47	PT Bank Tabungan Pensiunan Nasional Syariah Tbk	BTPS	08/05/2018
48	PT Batavia Prosperindo Trans Tbk	BPTR	09/07/2018
49	PT Borneo Olah Sarana Sukses Tbk	BOSS	15/02/2018
50	PT Charnic Capital Tbk	NICK	02/05/2018

51	PT Cotton Indo Ariesta Tbk	KPAS	05/10/2018
52	PT Dafam Property Indonesia Tbk	DFAM	27/04/2018
53	PT Dewata Freightinternational Tbk	DEAL	09/11/2018
54	PT Distribusi Voucher Nusantara Tbk	DIVA	27/11/2018
55	PT Garudafood Putra Putri Jaya Tbk	GOOD	10/10/2018
56	PT Gihon Telekomunikasi Indonesia Tbk	GHON	09/04/2018
57	PT Guna Timur Raya Tbk	TRUK	23/05/2018
58	PT HK Metals Utama Tbk	HKMU	09/10/2018
59	PT Indah Prakasa Sentosa Tbk	INPS	06/04/2018
60	PT Indonesia Kendaraan Terminal Tbk	IPCC	09/07/2018
61	PT Jaya Bersama Indo Tbk	DUCK	10/10/2018
62	PT Jaya Sukses Makmur Sentosa Tbk	RISE	09/07/2018
63	PT Jaya Trishindo Tbk	HELI	27/03/2018
64	PT Kota Satu Properti Tbk	SATU	05/11/2018
65	PT LCK Global Kedaton Tbk	LCKM	16/01/2018
66	PT Madusari Murni Indah Tbk	MOLI	30/08/2018
67	PT Mahkota Group Tbk	MGRO	12/07/2018
68	PT MAP Aktif Adiperkasa Tbk	MAPA	05/07/2018
69	PT MD Pictures Tbk	FILM	07/08/2018
70	PT Mega Perintis Tbk	ZONE	12/12/2018
71	PT MNC Studios International Tbk	MSIN	08/06/2018
72	PT Natura City Developments Tbk	CITY	28/09/2018
73	PT NFC Indonesia Tbk	NFCX	12/07/2018
74	PT Phapros Tbk	PEHA	26/12/2018
75	PT Pollux Properti Indonesia Tbk	POLL	11/07/2018
76	PT Pool Advista Finance Tbk.	POLA	16/11/2018
77	PT Pratama Abadi Nusa Industri Tbk	PANI	18/09/2018
78	PT Propertindo Mulia Investama Tbk	MPRO	09/10/2018
79	PT Royal Prima Tbk	PRIM	15/05/2018
80	PT Sarimelati Kencana Tbk	PZZA	23/05/2018
81	PT Satria Antaran Prima Tbk	SAPX	03/10/2018
82	PT Satria Mega Kencana Tbk	SOTS	10/12/2018
83	PT Sentral Mitra Informatika Tbk	LUCK	28/11/2018
84	PT Shield On Service Tbk	SOSS	06/11/2018
85	PT Sinergi Megah Internusa Tbk	NUSA	12/07/2018
86	PT Sky Energy Indonesia Tbk	JSKY	28/03/2018
87	PT Sriwahana Adityakarta Tbk	SWAT	08/06/2018
88	PT Steadfast Marine Tbk	KPAL	08/06/2018
89	PT Super Energy Tbk	SURE	05/10/2018
90	PT Superkrane Mitra Utama Tbk	SKRN	11/10/2018
91	PT Surya Pertiwi Tbk	SPTO	14/05/2018
92	PT Transcoal Pacific Tbk	TCPI	06/07/2018
93	PT Trimitra Propertindo Tbk	LAND	23/08/2018
94	PT Trimuda Nuansa Citra Tbk	TNCA	28/06/2018
95	PT Urban Jakarta Propertindo Tbk	URBN	10/12/2018
96	PT Yelooo Integra Datanet Tbk	YELO	29/10/2018

Lampiran 3 Daftar Perusahaan yang Mengalami *Underpricing*

No	KODE	TAHUN IPO	<i>Offering Price</i>	<i>Close Price</i>	Selisih	Initial Return (%)
1	AGII	2016	1100	1160	60	5,45
2	ARTO	2016	132	173	41	31,06
3	BOGA	2016	103	175	72	69,90
4	CASA	2016	130	220	90	69,23
5	DAYA	2016	180	189	9	5,00
6	JGLE	2016	140	173	33	23,57
7	MARI	2016	750	770	20	2,67
8	MTRA	2016	185	214	29	15,68
9	PBSA	2016	1200	1260	60	5,00
10	PRDA	2016	6500	6600	100	1,54
11	OASA	2016	190	322	132	69,47
12	WSBP	2016	490	540	50	10,20
13	FIRE	2017	500	750	250	50,00
14	ARMY	2017	300	450	150	50,00
15	JMAS	2017	140	238	98	70,00
16	NASA	2017	103	175	72	69,90
17	HOKI	2017	310	344	34	10,97
18	CSIS	2017	300	450	150	50,00
19	CAMP	2017	330	494	164	49,70
20	DWGL	2017	150	254	104	69,33
21	FINN	2017	105	178	73	69,52
22	FORZ	2017	220	330	110	50,00
23	HRTA	2017	300	332	32	10,67
24	WOOD	2017	260	280	20	7,69
25	IPCM	2017	380	402	22	5,79
26	ZINC	2017	140	238	98	70,00
27	KIOS	2017	300	450	150	50,00
28	KMTR	2017	458	685	227	49,56
29	MCAS	2017	1385	2070	685	49,46
30	MTWI	2017	100	170	70	70,00
31	MAPB	2017	1680	2520	840	50,00
32	MABA	2017	112	190	78	69,64
33	MARK	2017	250	374	124	49,60
34	MPOW	2017	200	340	140	70,00
35	PORT	2017	535	575	40	7,48
36	PBID	2017	850	880	30	3,53
37	PCAR	2017	150	254	104	69,33
38	MINA	2017	105	178	73	69,52
39	CLEO	2017	115	195	80	69,57
40	TGRA	2017	200	340	140	70,00
41	TOPS	2017	310	464	154	49,68
42	BELL	2017	150	179	29	19,33
43	WEGE	2017	290	296	6	2,07
44	ANDI	2018	200	340	140	70,00
45	DIGI	2018	200	340	140	70,00
46	BRIS	2018	510	545	35	6,86
47	BTPS	2018	975	1460	485	49,74
48	BPTR	2018	100	170	70	70,00
49	BOSS	2018	400	600	200	50,00

50	NICK	2018	200	340	140	70,00
51	KPAS	2018	168	284	116	69,05
52	DFAM	2018	115	195	80	69,57
53	DEAL	2018	150	254	104	69,33
54	DIVA	2018	2950	3280	330	11,19
55	GOOD	2018	1285	1925	640	49,81
56	GHON	2018	1170	1755	585	50,00
57	TRUK	2018	230	344	114	49,57
58	HKMU	2018	230	344	114	49,57
59	INPS	2018	276	414	138	50,00
60	IPCC	2018	1640	1715	75	4,57
61	DUCK	2018	505	755	250	49,50
62	RISE	2018	163	276	113	69,33
63	HELI	2018	110	187	77	70,00
64	SATU	2018	117	198	81	69,23
65	LCKM	2018	208	312	104	50,00
66	MOLI	2018	580	870	290	50,00
67	MGRO	2018	226	338	112	49,56
68	MAPA	2018	2100	3150	1050	50,00
69	FILM	2018	210	314	104	49,52
70	ZONE	2018	298	446	148	49,66
71	MSIN	2018	500	525	25	5,00
72	CITY	2018	120	204	84	70,00
73	NFCX	2018	1850	2770	920	49,73
74	PEHA	2018	1200	1800	600	50,00
75	POLL	2018	615	920	305	49,59
76	POLA	2018	135	228	93	68,89
77	PANI	2018	108	183	75	69,44
78	MPRO	2018	110	187	77	70,00
79	PRIM	2018	500	750	250	50,00
80	PZZA	2018	1100	1105	5	0,45
81	SAPX	2018	250	374	124	49,60
82	SOTS	2018	165	280	115	69,70
83	LUCK	2018	286	428	142	49,65
84	SOSS	2018	276	414	138	50,00
85	NUSA	2018	150	254	104	69,33
86	JSKY	2018	400	600	200	50,00
87	SWAT	2018	160	272	112	70,00
88	KPAL	2018	115	195	80	69,57
89	SURE	2018	155	262	107	69,03
90	SKRN	2018	700	1050	350	50,00
91	SPTO	2018	1160	1190	30	2,59
92	TCPI	2018	138	234	96	69,57
93	LAND	2018	390	585	195	50,00
94	TNCA	2018	150	254	104	69,33
95	URBN	2018	1200	1800	600	50,00
96	YELO	2018	376	560	184	48,94

Lampiran 4 Daftar *Return On Asset (ROA)*

No	KODE	TAHUN IPO	TA	EAT	ROA (%)
1	AGII	2016	Rp 4.953.451.000.000	Rp 48.007.000.000	0,97
2	ARTO	2016	Rp 745.646.957.063	-Rp 309.696.935	-0,04
3	BOGA	2016	Rp 167.598.000.000	Rp 1.675.000.000	1,00
4	CASA	2016	Rp 835.623.379.906	Rp 3.023.086.897	0,36
5	DAYA	2016	Rp 126.998.196.000	-Rp 35.031.464.000	-27,58
6	JGLE	2016	Rp 4.317.713.156.967	-Rp 254.787.303.020	-5,90
7	MARI	2016	Rp 156.265.058.871	Rp 32.213.660.458	20,61
8	MTRA	2016	Rp 177.261.556.541	Rp 25.744.227.342	14,52
9	PBSA	2016	Rp 756.763.554.339	Rp 176.885.095.751	23,37
10	PRDA	2016	Rp 577.866.028.648	Rp 59.024.994.422	10,21
11	OASA	2016	Rp 14.439.716.356	Rp 3.038.809.041	21,04
12	WSBP	2016	Rp 4.332.409.010.247	Rp 334.369.585.006	7,72
13	FIRE	2017	Rp 333.255.213.699	Rp 5.758.101.149	1,73
14	ARMY	2017	Rp 1.624.868.441.487	Rp 178.900.000.000	11,01
15	JMAS	2017	Rp 70.822.435.698	-Rp 1.126.947.902	-1,59
16	NASA	2017	Rp 890.711.784.341	Rp 166.250.000	0,02
17	HOKI	2017	Rp 370.245.134.305	Rp 43.822.031.348	11,84
18	CSIS	2017	Rp 252.131.000.000	Rp 6.485.000.000	2,57
19	CAMP	2017	Rp 1.031.041.060.010	Rp 52.726.852.009	5,11
20	DWGL	2017	Rp 1.787.262.616.000	-Rp 145.978.491.000	-8,17
21	FINN	2017	Rp 866.961.337.809	Rp 6.132.886.387	0,71
22	FORZ	2017	Rp 427.599.878.333	Rp 7.819.896.453	1,83
23	HRTA	2017	Rp 1.071.106.873.223	Rp 171.577.952.719	16,02
24	WOOD	2017	Rp 3.081.874.210.495	Rp 141.081.224.018	4,58
25	IPCMI	2017	Rp 598.370.195.000	Rp 117.064.105.000	19,56
26	ZINC	2017	Rp 556.844.265.541	-Rp 17.144.801.338	-3,08
27	KIOS	2017	Rp 35.738.968.439	-Rp 11.299.020.645	-31,62
28	KMTR	2017	Rp 3.806.822.723.198	Rp 209.920.429.760	5,51
29	MCAS	2017	Rp 15.443.423.626	Rp 2.759.150.774	17,87
30	MTWI	2017	Rp 266.529.000.000	-Rp 5.008.000.000	-1,88
31	MAPB	2017	Rp 1.233.828.000.000	Rp 115.951.000.000	9,40
32	MABA	2017	Rp 621.066.261.145	-Rp 33.450.426.886	-5,39
33	MARK	2017	Rp 170.937.642.460	Rp 19.588.140.923	11,46
34	MPOW	2017	Rp 350.204.022.000	Rp 10.500.511.000	3,00
35	PORT	2017	Rp 2.051.323.698.000	Rp 93.998.328.000	4,58
36	PBID	2017	Rp 1.353.000.000.000	Rp 138.000.000.000	10,20
37	PCAR	2017	Rp 42.637.461.229	-Rp 10.382.434.526	-24,35
38	MINA	2017	Rp 117.113.172.026	-Rp 2.669.065.147	-2,28
39	CLEO	2017	Rp 463.288.593.970	Rp 39.262.802.985	8,47
40	TGRA	2017	Rp 278.986.924.397	Rp 164.279.112	0,06
41	TOPS	2017	Rp 2.795.430.934.788	Rp 201.341.139.490	7,20
42	BELL	2017	Rp 387.981.312.196	Rp 7.682.789.498	1,98
43	WEGE	2017	Rp 2.028.938.000.508	Rp 143.226.486.832	7,06
44	ANDI	2018	Rp 481.401.000.000	-Rp 10.515.000.000	-2,18
45	DIGI	2018	Rp 16.126.817.162	Rp 516.525.433	3,20
46	BRIS	2018	Rp 31.543.384.000.000	Rp 101.091.000.000	0,32
47	BTPS	2018	Rp 9.156.522.000.000	Rp 670.182.000.000	7,32
48	BPTR	2018	Rp 330.461.956.336	Rp 3.300.648.564	1,00
49	BOSS	2018	Rp 365.959.346.128	-Rp 4.551.536.013	-1,24
50	NICK	2018	Rp 47.501.486.300	Rp 3.650.413.472	7,68

51	KPAS	2018	Rp 188.274.009.952	Rp 2.857.873.213	1,52
52	DFAM	2018	Rp 280.918.943.651	-Rp 9.489.914.782	-3,38
53	DEAL	2018	Rp 149.748.217.276	-Rp 252.602.220	-0,17
54	DIVA	2018	Rp 146.551.502.847	Rp 3.277.676.895	2,24
55	GOOD	2018	Rp 3.564.218.091.628	Rp 345.653.570.889	9,70
56	GHON	2018	Rp 423.313.769.000	Rp 36.690.372.000	8,67
57	TRUK	2018	Rp 58.725.557.698	Rp 1.429.024.487	2,43
58	HKMU	2018	Rp 1.049.681.646.049	Rp 30.104.880.019	2,87
59	INPS	2018	Rp 471.277.805.037	-Rp 10.277.928.080	-2,18
60	IPCC	2018	Rp 334.737.537.000	Rp 130.154.955.000	38,88
61	DUCK	2018	Rp 528.942.657.230	Rp 71.059.463.008	13,43
62	RISE	2018	Rp 1.780.507.425.834	Rp 12.193.470.010	0,68
63	HELI	2018	Rp 219.559.000.000	Rp 9.185.000.000	4,18
64	SATU	2018	Rp 269.706.623.605	Rp 4.699.036.001	1,74
65	LCKM	2018	Rp 95.627.563.456	Rp 5.211.423.231	5,45
66	MOLI	2018	Rp 1.517.616.675.633	Rp 87.622.639.392	5,77
67	MGRO	2018	Rp 964.712.620.730	Rp 17.245.576.750	1,79
68	MAPA	2018	Rp 2.795.382.533.000	Rp 292.592.735.000	10,47
69	FILM	2018	Rp 201.384.010.515	Rp 60.880.592.307	30,23
70	ZONE	2018	Rp 317.138.887.336	Rp 30.176.320.662	9,52
71	MSIN	2018	Rp 876.393.684.830	Rp 120.039.787.614	13,70
72	CITY	2018	Rp 561.747.787.335	Rp 105.249.809.661	18,74
73	NFCX	2018	Rp 23.127.386.946	Rp 64.821.243	0,28
74	PEHA	2018	Rp 1.175.940.000.000	Rp 125.270.000.000	10,65
75	POLL	2018	Rp 3.312.521.388.980	Rp 100.075.582.681	3,02
76	POLA	2018	Rp 273.899.982.725	Rp 21.077.513.425	7,70
77	PANI	2018	Rp 76.254.520.373	Rp 85.056.161	0,11
78	MPRO	2018	Rp 2.191.335.567.000	-Rp 20.330.062.000	-0,93
79	PRIM	2018	Rp 310.105.809.617	Rp 14.081.421.796	4,54
80	PZZA	2018	Rp 1.494.005.079.036	Rp 141.323.973.291	9,46
81	SAPX	2018	Rp 43.972.647.486	-Rp 17.172.745.573	-39,05
82	SOTS	2018	Rp 359.193.918.633	-Rp 8.956.499.404	-2,49
83	LUCK	2018	Rp 100.336.875.256	Rp 10.161.199.529	10,13
84	SOSS	2018	Rp 168.805.173.485	Rp 12.196.371.569	7,23
85	NUSA	2018	Rp 667.291.896.400	-Rp 9.601.994.277	-1,44
86	JSKY	2018	Rp 432.298.300.093	Rp 22.678.036.892	5,25
87	SWAT	2018	Rp 412.437.590.778	Rp 819.411.325	0,20
88	KPAL	2018	Rp 665.787.472.977	Rp 10.086.734.198	1,52
89	SURE	2018	Rp 577.144.513.344	-Rp 17.343.133.483	-3,00
90	SKRN	2018	Rp 1.232.698.283.612	Rp 93.579.630.169	7,59
91	SPTO	2018	Rp 2.019.880.352.439	Rp 221.578.076.071	10,97
92	TCPI	2018	Rp 844.995.000.000	Rp 88.700.000.000	10,50
93	LAND	2018	Rp 406.536.043.622	Rp 12.720.793.222	3,13
94	TNCA	2018	Rp 21.571.180.744	Rp 2.315.370.960	10,73
95	URBN	2018	Rp 1.022.351.229.000	Rp 10.380.359.937	1,02
96	YELO	2018	Rp 5.610.250.011	Rp 383.128.988	6,83

Lampiran 5 Daftar *Earning Per Share* (EPS)

No	Nama Perusahaan	KODE	TAHUN IPO	EPS (Rp)
1	PT Aneka Gas Industri Tbk	AGII	2016	52.04
2	PT Bank Artos Indonesia Tbk	ARTO	2016	-0.32
3	PT Bintang Oto Global Tbk	BOGA	2016	46.64
4	PT Capital Financial Indonesia Tbk	CASA	2016	1.40
5	PT Duta Intidaya Tbk	DAYA	2016	-22.00
6	PT Graha Andrasentra Propertindo Tbk	JGLE	2016	-13.21
7	PT Mahaka Radio Integra Tbk	MARI	2016	117.00
8	PT Mitra Pemuda Tbk	MTRA	2016	46.00
9	PT Paramita Bangun Sarana Tbk	PBSA	2016	152.75
10	PT Prodia Widyahusada Tbk	PRDA	2016	786.99
11	PT Protech Mitra Perkasa Tbk	OASA	2016	280.00
12	PT Waskita Beton Precast Tbk	WSBP	2016	467.61
13	PT Alfa Energi Investama Tbk	FIRE	2017	17.32
14	PT Armidian Karyatama Tbk	ARMY	2017	-3.09
15	PT Asuransi Jiwa Syariah Jasa Mitra Abadi Tbk	JMAS	2017	-1.88
16	PT Ayana Land International Tbk	NASA	2017	9.30
17	PT Buyung Poetra Sembada Tbk	HOKI	2017	27.00
18	PT Cahayasakti Investindo Sukses Tbk	CSIS	2017	29.90
19	PT Campina Ice Cream Industry Tbk	CAMP	2017	263.63
20	PT Dwi Guna Laksana Tbk	DWGL	2017	-26.35
21	PT First Indo American Leasing Tbk	FINN	2017	133.00
22	PT Forza Land Indonesia Tbk	FORZ	2017	5.89
23	PT Hartadinata Abadi Tbk	HRTA	2017	857.89
24	PT Integra Indocabinet Tbk	WOOD	2017	43.31
25	PT Jasa Armada Indonesia Tbk	IPCM	2017	201.83
26	PT Kapuas Prima Coal Tbk	ZINC	2017	-60.58
27	PT Kioson Komersial Indonesia Tbk	KIOS	2017	-90.35
28	PT Kirana Megatara Tbk	KMTR	2017	321.42
29	PT M Cash Integrasi Tbk	MCAS	2017	551.83
30	PT Malacca Trust Wuwungan Insurance Tbk	MTWI	2017	-4.12
31	PT MAP Boga Adiperkasa Tbk	MAPB	2017	82.22
32	PT Marga Abhinaya Abadi Tbk	MABA	2017	-16.12
33	PT Mark Dynamics Indonesia Tbk	MARK	2017	3137.37
34	PT Megapower Makmur Tbk	MPOW	2017	145.11
35	PT Nusantara Pelabuhan Handal Tbk	PORT	2017	43.92
36	PT Panca Budi Idaman Tbk	PBID	2017	177.54

37	PT Prima Cakrawala Abadi Tbk	PCAR	2017	-72.59
38	PT Sanurhasta Mitra Tbk	MINA	2017	-24.88
39	PT Sariguna Primatirta Tbk	CLEO	2017	31.00
40	PT Terregra Asia Energy	TGRA	2017	0.07
41	PT Totalindo Eka Persada	TOPS	2017	181.24
42	PT Trisula Textile Industries Tbk	BELL	2017	26.90
43	PT Wijaya Karya Bangunan Gedung	WEGE	2017	24.69
44	PT Andira Agro Tbk	ANDI	2018	-7.68
45	PT Arkadia Digital Media Tbk	DIGI	2018	4.12
46	PT Bank BRI Syariah Tbk	BRIS	2018	25.54
47	PT Bank Tabungan Pensiunan Nasional Syariah Tbk	BTPS	2018	97.00
48	PT Batavia Prosperindo Trans Tbk	BPTR	2018	458.42
49	PT Borneo Olah Sarana Sukses Tbk	BOSS	2018	30.21
50	PT Charnic Capital Tbk	NICK	2018	15.00
51	PT Cotton Indo Ariesta Tbk	KPAS	2018	14.08
52	PT Dafam Property Indonesia Tbk	DFAM	2018	10.70
53	PT Dewata Freight International Tbk	DEAL	2018	8.63
54	PT Distribusi Voucher Nusantara Tbk	DIVA	2018	144.77
55	PT Garudafood Putra Putri Jaya Tbk	GOOD	2018	51.61
56	PT Gihon Telekomunikasi Indonesia Tbk	GHON	2018	0.09
57	PT Guna Timur Raya Tbk	TRUK	2018	23.31
58	PT HK Metals Utama Tbk	HKMU	2018	113.52
59	PT Indah Prakasa Sentosa Tbk	INPS	2018	-36.92
60	PT Indonesia Kendaraan Terminal Tbk	IPCC	2018	130.15
61	PT Jaya Bersama Indo Tbk	DUCK	2018	287.08
62	PT Jaya Sukses Makmur Sentosa Tbk	RISE	2018	3.00
63	PT Jaya Trishindo Tbk	HELI	2018	26.00
64	PT Kota Satu Properti Tbk	SATU	2018	2.00
65	PT LCK Global Kedaton Tbk	LCKM	2018	8.54
66	PT Madusari Murni Indah Tbk	MOLI	2018	37.00
67	PT Mahkota Group Tbk	MGRO	2018	8.21
68	PT MAP Aktif Adiperkasa Tbk	MAPA	2018	123.00
69	PT MD Pictures Tbk	FILM	2018	579.81
70	PT Mega Perintis Tbk	ZONE	2018	117.83
71	PT MNC Studios International Tbk	MSIN	2018	547.00
72	PT Natura City Developments Tbk	CITY	2018	79.13
73	PT NFC Indonesia Tbk	NFCX	2018	4.50
74	PT Phapros Tbk	PEHA	2018	746.00
75	PT Pollux Properti Indonesia Tbk	POLL	2018	65.37

76	PT Pool Advista Finance Tbk.	POLA	2018	8.27
77	PT Pratama Abadi Nusa Industri Tbk	PANI	2018	24.17
78	PT Propertindo Mulia Investama Tbk	MPRO	2018	-36.14
79	PT Royal Prima Tbk	PRIM	2018	9.21
80	PT Sarimelati Kencana Tbk	PZZA	2018	167.00
81	PT Satria Antarana Prima Tbk	SAPX	2018	-57.24
82	PT Satria Mega Kencana Tbk	SOTS	2018	-89.57
83	PT Sentral Mitra Informatika Tbk	LUCK	2018	26.00
84	PT Shield On Service Tbk	SOSS	2018	399.00
85	PT Sinergi Megah Internusa Tbk	NUSA	2018	-170.00
86	PT Sky Energy Indonesia Tbk	JSKY	2018	31.00
87	PT Sriwahana Adityakarta Tbk	SWAT	2018	3.23
88	PT Steadfast Marine Tbk	KPAL	2018	86.77
89	PT Super Energy Tbk	SURE	2018	-180.52
90	PT Superkrane Mitra Utama Tbk	SKRN	2018	77.98
91	PT Surya Pertiwi Tbk	SPTO	2018	112.72
92	PT Transcoal Pacific Tbk	TCPI	2018	75.00
93	PT Trimitra Propertindo Tbk	LAND	2018	84.81
94	PT Trimuda Nuansa Citra Tbk	TNCA	2018	11.12
95	PT Urban Jakarta Propertindo Tbk	URBN	2018	34.60
96	PT Yelooo Integra Datanet Tbk	YELO	2018	12.77

Lampiran 6 Daftar Reputasi Underwriter

No	Nama Perusahaan	KODE	Tanggal IPO	RU	Underwriter
1	PT Aneka Gas Industri Tbk	AGII	28/09/2016	1	PT. DBS Vickers Securities Indonesia, PT. Mandiri Sekuritas, PT. RHB Securities Indonesia
2	PT Bank Artos Indonesia Tbk	ARTO	12/01/2016	0	PT. Binaartha Parama, PT. Erdikha Elit Sekuritas
3	PT Bintang Oto Global Tbk	BOGA	19/12/2016	1	PT. Jasa Utama Capital, PT Phillip Securities Indonesia
4	PT Capital Financial Indonesia Tbk	CASA	19/07/2016	0	PT. Sinarmas Sekuritas
5	PT Duta Intidaya Tbk	DAYA	28/06/2016	0	PT. Trimegah Securities Tbk

6	PT Graha Andrasentra Propertindo Tbk	JGLE	29/06/2016	0	PT. Danatama Makmur
7	PT Mahaka Radio Integra Tbk	MARI	11/02/2016	0	PT. Trimegah Securities Tbk
8	PT Mitra Pemuda Tbk	MTRA	10/02/2016	0	PT. Lautandhana Securindo
9	PT Paramita Bangun Sarana Tbk	PBSA	28/09/2016	1	PT. Sinarmas Sekuritas, PT Phillip Securities Indonesia
10	PT Prodia Widyahusada Tbk	PRDA	07/12/2016	1	PT. Citigroup Securities Indonesia, PT. Credit Suisse Securities Indonesia, PT. Indo Premier Securities
11	PT Protech Mitra Perkasa Tbk	OASA	18/07/2016	0	PT. Erdhika Elit Sekuritas
12	PT Waskita Beton Precast Tbk	WSBP	20/09/2016	1	PT. Bahana Securities, PT. BNI Securities, PT. Danareksa Sekuritas, PT. Mandiri Sekuritas
13	PT Alfa Energi Investama Tbk	FIRE	09/06/2017	1	PT. Ciptadana Sekuritas Asia, PT. Lautandhana Securindo, PT Phillip Securities Indonesia
14	PT Armidian Karyatama Tbk	ARMY	21/06/2017	0	PT. Yuanta Sekuritas Indonesia
15	PT Asuransi Jiwa Syariah Jasa Mitra Abadi Tbk	JMAS	18/12/2017	1	PT. Jasa Utama Capital Sekuritas (Affiliated), PT Phillip Securities Indonesia
16	PT Ayana Land International Tbk	NASA	07/08/2017	0	PT. Jasa Utama Capital Sekuritas
17	PT Buyung Poetra Sembada Tbk	HOKI	22/06/2017	1	PT. Bahana Sekuritas, PT. RHB Sekuritas Indonesia, PT. Trimegah Sekuritas Indonesia Tbk, PT Phillip Securities Indonesia
18	PT Cahayasakti Investindo Sukses Tbk	CSIS	10/05/2017	0	PT. Ciptadana Sekuritas Asia
19	PT Campina Ice Cream Industry Tbk	CAMP	19/12/2017	1	PT. Shinhan Sekuritas Indonesia (Affiliated), PT. Phillip Securities Indonesia
20	PT Dwi Guna Laksana Tbk	DWGL	13/12/2017	0	PT Sinarmas Sekuritas
21	PT First Indo American Leasing Tbk	FINN	08/06/2017	0	PT. UOB Kay Hian Sekuritas
22	PT Forza Land Indonesia Tbk	FORZ	28/04/2017	0	PT. Sinarmas Sekuritas
23	PT Hartadinata Abadi Tbk	HRTA	21/06/2017	1	PT. Mandiri Sekuritas, PT. MNC Sekuritas, PT. RHB Sekuritas Indonesia
24	PT Integra Indocabinet Tbk	WOOD	21/06/2017	1	PT. Bahana Sekuritas, PT. BCA Sekuritas, PT. DBS Vickers Sekuritas Indonesia
25	PT Jasa Armada Indonesia Tbk	IPCM	22/12/2017	1	PT. Danareksa Sekuritas (Affiliated), PT. Mandiri Sekuritas (Affiliated)
26	PT Kapuas Prima Coal Tbk	ZINC	16/10/2017	1	PT. Erdikha Elit Sekuritas, PT Phillip Securities Indonesia

27	PT Kioson Komersial Indonesia Tbk	KIOS	05/10/2017	0	PT. Sinarmas Sekuritas
28	PT Kirana Megatara Tbk	KMTR	19/06/2017	0	PT. Trimegah Sekuritas Indonesia Tbk
29	PT M Cash Integrasi Tbk	MCAS	01/11/2017	1	PT. Kresna Sekuritas, PT. Trimegah Sekuritas Indonesia Tbk, PT Batvia Properindo, PT Mandiri Sekuritas, PT. Panca Global Securities Tbk
30	PT Malacca Trust Wuwungan Insurance Tbk	MTWI	11/10/2017	0	PT. Panin Sekuritas Tbk
31	PT MAP Boga Adiperkasa Tbk	MAPB	21/06/2017	1	PT. Indo Premier Sekuritas
32	PT Marga Abhinaya Abadi Tbk	MABA	22/06/2017	0	PT. Sinarmas Sekuritas, PT. Erdikha Elit Sekuritas
33	PT Mark Dynamics Indonesia Tbk	MARK	12/07/2017	0	PT. Panin Sekuritas Tbk
34	PT Megapower Makmur Tbk	MPOW	05/07/2017	1	PT. KGI Sekuritas Indonesia, PT. Phillip Securities Indonesia
35	PT Nusantara Pelabuhan Handal Tbk	PORT	16/03/2017	0	PT. Trimegah Sekuritas Indonesia Tbk
36	PT Panca Budi Idaman Tbk	PBID	13/12/2017	0	PT. Bahana Sekuritas, PT. BCA Sekuritas, PT. CIMB Sekuritas Indonesia
37	PT Prima Cakrawala Abadi Tbk	PCAR	29/12/2017	0	PT. Artha Sekuritas Indonesia, PT. Lotus Andalan Sekuritas
38	PT Sanurhasta Mitra Tbk	MINA	28/04/2017	0	PT. Jasa Utama Capital Sekuritas
39	PT Sariguna Primatirta Tbk	CLEO	05/05/2017	0	PT. Lautandhana Securindo
40	PT Terregra Asia Energy	TGRA	16/05/2017	0	PT. LautandhanaSecurindo, PT. Mega Capital Sekuritas
41	PT Totalindo Eka Persada	TOPS	16/06/2017	1	PT. Bahana Sekuritas, PT. CLSA Sekuritas Indonesia, PT. Indo Premier Sekuritas
42	PT Trisula Textile Industries Tbk	BELL	03/10/2017	0	PT. Lotus Andalan Sekuritas
43	PT Wijaya Karya Bangunan Gedung	WEGE	30/11/2017	1	PT. Bahana Sekuritas, PT. Buana Capital Sekuritas, PT. CIMB Sekuritas Indonesia, PT. Mandiri Sekuritas
44	PT Andira Agro Tbk	ANDI	16/08/2018	0	PT. Victoria Sekuritas Indonesia
45	PT Arkadia Digital Media Tbk	DIGI	18/09/2018	1	PT. Danatama Makmur Sekuritas, PT. Phillip Sekuritas Indonesia, PT. Panin Sekuritas Tbk
46	PT Bank BRI syariah Tbk	BRIS	09/05/2018	1	PT. Bahana Sekuritas (Affiliated), PT. CLSA Sekuritas Indonesia, PT. Danareksa Sekuritas (Affiliated), PT. Indo Premier Sekuritas

47	PT Bank Tabungan Pensiunan Nasional Syariah Tbk	BTPS	08/05/2018	0	PT. Ciptadana Sekuritas Asia
48	PT Batavia Prosperindo Trans Tbk	BPTR	09/07/2018	1	PT. Panin Sekuritas Tbk, PT. Artha Sekuritas Indonesia, PT. Erdikha Elit Sekuritas, PT. KGI Sekuritas Indonesia, PT. Profindo Sekuritas Indonesia, PT. Phillip Sekuritas Indonesia
49	PT Borneo Olah Sarana Sukses Tbk	BOSS	15/02/2018	0	PT. Victoria Sekuritas Indonesia, PT. Mega Capital Sekuritas
50	PT Charnic Capital Tbk	NICK	02/05/2018	1	PT. Erdikha Elit Sekuritas, PT. Evergreen Sekuritas Indonesia, PT. Inti Fikasa Sekuritas, PT. Jasa Utama Capital Sekuritas, PT. Lotus Andalan Sekuritas, PT. Magenta Kapital Sekuritas Indonesia, PT. Minna Padi Investama Sekuritas Tbk, PT. Panin Sekuritas Tbk, PT. Pacific Sekuritas Indonesia, PT. Phillip Sekuritas Indonesia, PT. Profindo Sekuritas Indonesia, PT. Shinhan Sekuritas Indonesia, PT. Sinarmas Sekuritas, PT. Victoria Sekuritas Indonesia.
51	PT Cotton Indo Ariesta Tbk	KPAS	05/10/2018	0	PT. UOB Kay Hian Sekuritas
52	PT Dafam Property Indonesia Tbk	DFAM	27/04/2018	0	PT. Sinarmas Sekuritas
53	PT Dewata Freightinternational Tbk	DEAL	09/11/2018	0	PT. Erdikha Elit Sekuritas
54	PT Distribusi Voucher Nusantara Tbk	DIVA	27/11/2018	1	PT. Kresna Sekuritas (Affiliated), PT. Trimegah Sekuritas Indonesia Tbk, PT. Sinarmas Sekuritas, PT. Mandiri Sekuritas, PT. Panca Global Sekuritas, PT. Waterfront Sekuritas Indonesia
55	PT Garudafood Putra Putri Jaya Tbk	GOOD	10/10/2018	1	PT. Indo Premier Sekuritas
56	PT Gihon Telekomunikasi Indonesia Tbk	GHON	09/04/2018	1	PT. Indo Premier Sekuritas
57	PT Guna Timur Raya Tbk	TRUK	23/05/2018	0	PT. UOB Kay Hian Sekuritas
58	PT HK Metals Utama Tbk	HKMU	09/10/2018	0	PT. Trimegah Sekuritas Indonesia Tbk, PT. Sinarmas Sekuritas
59	PT Indah Prakasa Sentosa Tbk	INPS	06/04/2018	0	PT. Investindo Nusantara Sekuritas, PT. Jasa Utama Capital Sekuritas
60	PT Indonesia Kendaraan Terminal Tbk	IPCC	09/07/2018	1	PT. Bahana Sekuritas (Affiliated), PT. Mandiri Sekuritas (Affiliated)
61	PT Jaya Bersama Indo Tbk	DUCK	10/10/2018	1	PT. CGS-CIMB Sekuritas Indonesia, PT. Danareksa Sekuritas, PT. Mirae Asset Sekuritas Indonesia

62	PT Jaya Sukses Makmur Sentosa Tbk	RISE	09/07/2018	0	PT. Lotus Andalan Sekuritas
63	PT Jaya Trishindo Tbk	HELI	27/03/2018	0	PT. UOB Kay Hilan Sekuritas
64	PT Kota Satu Properti Tbk	SATU	05/11/2018	0	PT. Victoria Sekuritas Indonesia
65	PT LCK Global Kedaton Tbk	LCKM	16/01/2018	1	PT. Mirae Asset Sekuritas Indonesia
66	PT Madusari Murni Indah Tbk	MOLI	30/08/2018	0	PT. Sucor Sekuritas
67	PT Mahkota Group Tbk	MGRO	12/07/2018	1	PT. Panin Sekuritas Tbk, PT. Jasa Utama Capital Sekuritas, PT. Phillip Sekuritas Indonesia
68	PT MAP Aktif Adiperkasa Tbk	MAPA	05/07/2018	1	PT. Indo Premier Sekuritas
69	PT MD Pictures Tbk	FILM	07/08/2018	0	PT. NH Korindo Sekuritas Indonesia
70	PT Mega Perintis Tbk	ZONE	12/12/2018	0	PT. Lotus Andalan Sekuritas
71	PT MNC Studios International Tbk	MSIN	08/06/2018	1	PT. CGS-CIMB Sekuritas Indonesia, PT. Mandiri Sekuritas, PT. MNC Sekuritas (Affiliated)
72	PT Natura City Developments Tbk	CITY	28/09/2018	1	PT. Danatama Makmur Sekuritas, PT. MNC Sekuritas, PT. Panin Sekuritas Tbk
73	PT NFC Indonesia Tbk	NFCX	12/07/2018	1	PT. Kresna Sekuritas (Affiliated), PT. Trimegah Sekuritas Indonesia Tbk, PT. Sinarmas Sekuritas, PT. Mandiri Sekuritas, PT. Panca Global Sekuritas, PT. Waterfront Sekuritas Indonesia
74	PT Phapros Tbk	PEHA	26/12/2018	0	PT. Bahana Sekuritas
75	PT Pollux Properti Indonesia Tbk	POLL	11/07/2018	0	PT. UOB Kay Hian Sekuritas
76	PT Pool Advista Finance Tbk.	POLA	16/11/2018	0	PT. Artha Sekuritas Indonesia
77	PT Pratama Abadi Nusa Industri Tbk	PANI	18/09/2018	0	PT. Investindo Nusantara Sekuritas
78	PT Propertindo Mulia Investama Tbk	MPRO	09/10/2018	0	PT. Evergreen Sekuritas Indonesia, PT. Erdikha Elit Sekuritas
79	PT Royal Prima Tbk	PRIM	15/05/2018	1	PT. Danatama Makmur Sekuritas, PT. Panin Sekuritas Tbk, PT. Phillip Sekuritas Indonesia
80	PT Sarimelati Kencana Tbk	PZZA	23/05/2018	1	PT. CGS-CIMB Sekuritas Indonesia, PT. CLSA Sekuritas Indonesia, PT. Mandiri Sekuritas
81	PT Satria Antarana Prima Tbk	SAPX	03/10/2018	0	PT. RHB Sekuritas Indonesia
82	PT Satria Mega Kencana Tbk	SOTS	10/12/2018	0	PT. Adimitra Jasa Korpora
83	PT Sentral Mitra Informatika Tbk	LUCK	28/11/2018	1	PT. Phillip Sekuritas Indonesia

84	PT Shield On Service Tbk	SOSS	06/11/2018	0	PT. Sinarmas Sekuritas
85	PT Sinergi Megah Internusa Tbk	NUSA	12/07/2018	0	PT. NH Korindo Sekuritas Indonesia
86	PT Sky Energy Indonesia Tbk	JSKY	28/03/2018	1	PT. Mirae Asset Sekuritas Indonesia
87	PT Sriwahana Adityakarta Tbk	SWAT	08/06/2018	0	PT. NH Korindo Sekuritas Indonesia
88	PT Steadfast Marine Tbk	KPAL	08/06/2018	0	PT. Jasa Utama Capital Sekuritas
89	PT Super Energy Tbk	SURE	05/10/2018	0	PT. Jasa Utama Capital Sekuritas
90	PT Superkrane Mitra Utama Tbk	SKRN	11/10/2018	1	PT. UOB Kay Hian Sekuritas, PT. MNC Sekuritas, PT. Phillip Sekuritas Indonesia, PT. Valbury Sekuritas Indonesia
91	PT Surya Pertiwi Tbk	SPTO	14/05/2018	1	PT. Ciptadana Sekuritas Asia, PT. Phillip Sekuritas Indonesia
92	PT Transcoal Pacific Tbk	TCPI	06/07/2018	0	PT. Investindo Nusantara Sekuritas, PT. Jasa Utama Capital Sekuritas
93	PT Trimitra Propertindo Tbk	LAND	23/08/2018	0	PT. UOB Kay Hian Sekuritas
94	PT Trimuda Nuansa Citra Tbk	TNCA	28/06/2018	1	PT. Jasa Utama Capital Sekuritas, PT. Phillip Sekuritas Indonesia
95	PT Urban Jakarta Propertindo Tbk	URBN	10/12/2018	1	PT. Sinartama Gunita, PT. RHB Sekuritas
96	PT Yelooo Integra Datanet Tbk	YELO	29/10/2018	0	PT. Sinarmas Sekuritas

Lampiran 7 Daftar 20 most active brokerage in total frequency oleh IDX monthly statistics 2016-2018

JANUARI 2016

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Daewoo Securities Indonesia (YP)	7,890	7,187	653,708	1,756	470	392	9,646	7,657	654,100
2. Indo Premier Securities (PD)	3,621	3,982	427,055	411	588	123	4,032	4,570	427,178
3. Mandiri Sekuritas (CC)	5,374	8,371	420,737	192	203	118	5,566	8,574	420,855
4. Deutsche Securities Indonesia (DB)	1,834	6,234	411,543	672	2,741	514	2,506	8,974	412,057
5. Merrill Lynch Indonesia (ML)	1,640	6,842	396,771	152	481	362	1,792	7,322	397,133
6. UBS Securities Indonesia (AK)	2,122	7,684	367,390	989	6,154	357	3,111	13,838	367,747
7. Credit Suisse Securities Indonesia (CS)	2,199	6,308	341,941	1,462	2,395	745	3,661	8,703	342,686
8. CIMB Securities Indonesia (YU)	4,466	7,108	331,335	1,413	1,103	575	5,879	8,211	331,910
9. RHB Securities Indonesia (DR)	4,216	5,996	253,023	415	397	102	4,630	6,393	253,125
10. Morgan Stanley Asia Indonesia (MS)	1,722	6,945	229,168	877	4,385	491	2,600	11,330	229,659
11. Maybank Kim Eng Securities (ZP)	2,567	6,573	227,730	364	770	853	2,931	7,343	228,583
12. BNI Securities (NI)	2,471	2,670	223,510	56	14	77	2,527	2,684	223,587
13. CLSA Indonesia (KZ)	1,783	4,758	194,726	1,088	2,572	389	2,871	7,330	195,115
14. Bahana Securities (DX)	1,705	4,352	193,487	185	137	275	1,890	4,489	193,762
15. Phillip Securities Indonesia (KK)	2,368	2,445	189,786	112	38	23	2,480	2,483	189,809
16. Citigroup Securities Indonesia (CG)	1,027	4,005	177,084	623	2,568	440	1,650	6,573	177,524
17. MNC Securities (EP)	2,055	2,103	167,509	3,990	3,290	227	6,045	5,393	167,736
18. JP Morgan Securities Indonesia (BK)	1,069	4,249	164,850	203	475	542	1,271	4,724	165,392
19. Danareksa Sekuritas (OD)	1,733	2,378	130,780	58	500	284	1,791	2,878	140,073
20. Valbury Asia Securities (CP)	3,376	2,456	138,780	554	213	251	3,929	2,669	139,031
Total of The 20 Firms	55,239	102,645	5,649,922	15,571	29,494	7,140	70,810	132,139	5,657,062
% of Total Transaction	51.9%	65.9%	67.6%	30.0%	66.5%	42.8%	44.7%	66.1%	67.5%
Total Transaction	106,444	155,663	8,361,474	51,869	44,364	16,692	158,313	200,027	8,378,166

Note : Volume in million shares, Value in million IDR

Research and Development Division

FEBRUARI 2016

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Daewoo Securities Indonesia (YP)	9,483	8,342	739,317	778	209	341	10,261	8,551	739,658
2. UBS Securities Indonesia (AK)	2,173	7,811	515,138	1,469	4,194	342	3,642	12,005	515,480
3. Deutsche Securities Indonesia (DB)	2,200	8,441	487,180	608	2,818	568	2,808	11,260	487,748
4. Indo Premier Securities (PD)	4,527	4,226	486,439	67	153	82	4,594	4,378	486,521
5. Mandiri Sekuritas (CC)	5,807	7,924	427,537	364	466	212	6,170	8,389	427,749
6. Credit Suisse Securities Indonesia (CS)	2,571	8,675	382,695	474	1,392	1,091	3,046	10,067	383,786
7. Merrill Lynch Indonesia (ML)	1,522	6,292	337,838	187	1,083	334	1,709	7,376	338,172
8. CIMB Securities Indonesia (YU)	5,050	6,905	331,582	791	1,201	609	5,841	8,107	332,191
9. RHB Securities Indonesia (DR)	5,500	6,632	277,876	202	107	111	5,702	6,739	277,987
10. Maybank Kim Eng Securities (ZP)	3,180	8,216	266,922	1,503	1,829	965	4,683	10,045	267,887
11. Morgan Stanley Asia Indonesia (MS)	2,387	9,333	264,921	1,578	6,982	532	3,965	16,315	265,453
12. BNI Securities (NI)	3,622	3,213	260,977	136	66	85	3,758	3,279	261,062
13. Phillip Securities Indonesia (KK)	3,133	2,767	218,709	2	1	24	3,135	2,768	218,733
14. CLSA Indonesia (KZ)	2,103	6,262	211,954	1,039	2,712	506	3,142	8,975	212,460
15. Citigroup Securities Indonesia (CG)	1,498	5,901	206,858	790	4,663	782	2,288	10,565	207,640
16. JP Morgan Securities Indonesia (BK)	1,089	4,391	191,091	453	843	851	1,542	5,235	191,942
17. Bahana Securities (DX)	1,980	4,587	186,673	399	139	228	2,380	4,726	186,901
18. Nomura Indonesia (FG)	1,215	4,777	161,177	107	497	229	1,322	5,273	161,406
19. Danareksa Sekuritas (OD)	2,123	2,929	160,428	220	150	571	2,343	3,079	160,999
20. Valbury Asia Securities (CP)	4,374	2,644	151,337	596	140	514	4,971	2,784	151,851
Total of The 20 Firms	65,538	120,269	6,266,649	11,763	29,647	8,977	77,302	149,916	6,275,626
% of Total Transaction	51.4%	66.2%	66.7%	18.9%	54.7%	47.6%	40.8%	63.5%	66.7%
Total Transaction	127,433	181,758	9,390,400	62,149	54,243	18,876	189,582	236,001	9,409,276

Note : Volume in million shares, Value in million IDR

Research and Development Division

MARET 2016

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Daewoo Securities Indonesia (YP)	14,316	9,652	934,437	706	144	710	15,022	9,797	935,147
2. UBS Securities Indonesia (AK)	3,106	9,617	612,180	1,263	6,106	492	4,369	15,723	612,672
3. Indo Premier Securities (PD)	6,814	4,924	591,715	363	398	172	7,178	5,322	591,887
4. Mandiri Sekuritas (CC)	8,352	8,704	510,419	235	194	157	8,587	8,898	510,576
5. Deutsche Securities Indonesia (DB)	2,169	6,911	473,371	918	2,944	411	3,087	9,855	473,782
6. Credit Suisse Securities Indonesia (CS)	3,166	11,171	469,658	1,474	1,622	864	4,639	12,793	470,522
7. Merrill Lynch Indonesia (ML)	2,001	7,504	403,083	161	402	184	2,162	7,906	403,267
8. CIMB Securities Indonesia (YU)	5,149	8,144	353,998	7,013	7,564	495	12,162	15,707	354,493
9. BNI Securities (NI)	5,310	3,601	346,373	811	441	229	6,120	4,042	346,602
10. RHB Securities Indonesia (DR)	6,922	6,633	297,776	514	238	386	7,436	6,871	298,162
11. Phillip Securities Indonesia (KK)	5,129	3,028	291,097	137	2	32	5,266	3,031	291,129
12. Maybank Kim Eng Securities (ZP)	3,849	7,936	262,763	1,086	1,534	1,316	4,936	9,470	264,079
13. Citigroup Securities Indonesia (CG)	1,607	6,075	259,608	905	5,071	638	2,512	11,146	260,246
14. Bahana Securities (DX)	2,660	6,446	254,707	257	377	323	2,917	6,823	255,030
15. Morgan Stanley Asia Indonesia (MS)	2,188	8,968	248,959	1,086	5,283	561	3,273	14,251	249,520
16. CLSA Indonesia (KZ)	1,892	5,234	211,663	1,102	3,261	576	2,993	8,495	212,239
17. MNC Securities (EP)	2,793	1,892	206,641	24,994	4,653	418	27,787	6,546	207,059
18. JP Morgan Securities Indonesia (BK)	1,262	5,563	205,723	196	1,357	498	1,458	6,919	206,221
19. Lautandhana Securindo (YJ)	5,169	2,574	203,129	725	214	145	5,893	2,789	203,274
20. Valbury Asia Securities (CP)	6,743	3,290	201,180	1,393	359	344	8,136	3,649	201,524
Total of The 20 Firms	90,598	127,868	7,338,480	45,337	42,164	8,951	135,934	170,032	7,347,431
% of Total Transaction	54.1%	65.8%	66.1%	47.6%	64.0%	45.7%	51.8%	65.3%	66.1%
Total Transaction	167,323	194,346	11,104,056	95,277	65,929	19,596	262,600	260,275	11,123,652

Note : Volume in million shares, Value in million IDR

Research and Development Division

APRIL 2016

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Daewoo Securities Indonesia (YP)	16,297	11,291	996,699	1,863	458	619	18,160	11,748	997,318
2. Indo Premier Securities (PD)	7,155	4,835	616,512	55	8	136	7,211	4,842	616,648
3. Mandiri Sekuritas (CC)	9,141	9,476	577,701	363	247	162	9,504	9,724	577,863
4. UBS Securities Indonesia (AK)	2,475	8,477	540,469	1,042	3,243	334	3,517	11,720	540,803
5. Deutsche Securities Indonesia (DB)	2,546	8,556	429,334	1,298	4,086	896	3,843	12,642	430,230
6. BNI Securities (NI)	5,732	3,672	349,083	436	149	72	6,168	3,820	349,155
7. CIMB Securities Indonesia (YU)	5,845	8,548	344,258	1,778	2,120	500	7,623	10,668	344,758
8. Credit Suisse Securities Indonesia (CS)	2,492	8,220	318,450	541	628	906	3,033	8,848	319,356
9. Merrill Lynch Indonesia (ML)	1,464	5,951	312,208	137	575	133	1,601	6,526	312,341
10. Phillip Securities Indonesia (KK)	5,383	3,536	305,856	28	1	54	5,411	3,537	305,910
11. RHB Securities Indonesia (DR)	6,850	5,846	286,351	162	181	288	7,012	6,028	286,639
12. Maybank Kim Eng Securities (ZP)	3,266	7,345	269,242	940	1,546	948	4,206	8,891	270,190
13. Valbury Asia Securities (CP)	7,604	3,785	240,150	2,308	460	489	9,912	4,245	240,639
14. MNC Securities (EP)	3,386	2,296	235,514	5,041	2,776	295	8,426	5,072	235,809
15. Panin Sekuritas Tbk. (GR)	3,953	3,813	206,517	1,156	585	117	5,109	4,398	206,634
16. Bahana Securities (DX)	2,478	5,017	204,073	182	296	231	2,659	5,313	204,304
17. Morgan Stanley Asia Indonesia (MS)	1,881	8,403	203,538	934	4,251	474	2,816	12,655	204,012
18. Danareksa Sekuritas (OD)	3,177	3,080	201,702	80	202	246	3,257	3,281	201,948
19. Lautandhana Securindo (YJ)	5,187	2,834	201,313	746	267	127	5,933	3,102	201,440
20. Citigroup Securities Indonesia (CG)	1,398	5,147	194,804	1,123	5,423	820	2,522	10,570	195,624
Total of The 20 Firms	97,710	120,129	7,033,774	20,212	27,501	7,847	117,922	147,629	7,041,621
% of Total Transaction	56.2%	62.2%	63.8%	36.9%	53.6%	37.9%	51.6%	60.4%	63.7%
Total Transaction	173,868	193,273	11,031,488	54,792	51,336	20,720	228,660	244,608	11,052,208

Note : Volume in million shares, Value in million IDR

Research and Development Division

MEI 2016

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Daewoo Securities Indonesia (YP)	10,861	8,423	761,281	430	72	473	11,291	8,494	761,754
2. Indo Premier Securities (PD)	4,569	3,813	475,270	1,167	732	135	5,736	4,545	475,405
3. UBS Securities Indonesia (AK)	2,214	9,050	461,404	689	2,618	342	2,903	11,668	461,746
4. Mandiri Sekuritas (CC)	5,896	6,665	450,817	319	430	127	6,214	7,095	450,944
5. Merrill Lynch Indonesia (ML)	1,579	6,184	355,691	226	594	348	1,805	6,778	356,039
6. Credit Suisse Securities Indonesia (CS)	2,464	9,156	344,520	675	6,315	873	3,140	15,471	345,393
7. Deutsche Securities Indonesia (DB)	1,754	6,229	325,006	608	1,755	477	2,362	7,983	325,483
8. CIMB Securities Indonesia (YU)	4,741	6,471	261,746	842	2,084	466	5,583	8,556	262,212
9. Maybank Kim Eng Securities (ZP)	3,402	8,090	260,657	1,504	2,264	1,061	4,906	10,354	261,718
10. BNI Securities (NI)	3,428	2,767	261,278	36	12	162	3,464	2,778	261,440
11. RHB Securities Indonesia (DR)	5,178	4,828	234,038	210	200	170	5,388	5,028	234,208
12. Phillip Securities Indonesia (KK)	3,465	2,474	228,676	2	1	16	3,467	2,475	228,692
13. Valbury Asia Securities (CP)	5,277	3,456	217,370	938	363	286	6,215	3,820	217,656
14. MNC Securities (EP)	2,652	1,876	197,276	4,708	4,101	308	7,360	5,977	197,584
15. Citigroup Securities Indonesia (CG)	1,341	5,349	193,128	1,097	4,928	891	2,438	10,277	194,019
16. Morgan Stanley Asia Indonesia (MS)	1,901	8,392	191,004	624	4,075	363	2,525	12,467	191,367
17. Bahana Securities (DX)	1,904	4,098	175,612	53	152	167	1,957	4,250	175,779
18. Macquarie Capital Securities Indonesia (RX)	1,415	4,983	162,434	950	3,699	1,792	2,365	8,683	164,226
19. Danareksa Sekuritas (OD)	2,144	2,091	156,763	68	57	255	2,212	2,148	157,018
20. Panin Sekuritas Tbk. (GR)	2,278	2,352	150,928	57	78	59	2,336	2,431	150,987
Total of The 20 Firms	68,463	106,748	5,864,899	15,204	34,529	8,771	83,667	141,278	5,873,670
% of Total Transaction	51.6%	64.4%	65.2%	27.3%	65.3%	39.4%	44.4%	64.6%	65.2%
Total Transaction	132,618	165,822	8,989,992	55,642	52,902	22,234	188,259	218,725	9,012,226

Note : Volume in million shares, Value in million IDR

Research and Development Division

JUNI 2016

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Daewoo Securities Indonesia (YP)	18,589	9,887	906,720	797	166	711	19,386	10,053	907,431
2. Indo Premier Securities (PD)	9,433	5,836	591,927	3,652	3,405	686	13,085	9,240	592,613
3. Mandiri Sekuritas (CC)	10,359	9,000	545,613	1,929	2,679	302	12,287	11,678	545,915
4. UBS Securities Indonesia (AK)	2,773	8,468	496,864	1,840	3,348	314	4,613	11,816	497,178
5. Credit Suisse Securities Indonesia (CS)	2,777	8,496	417,485	1,456	5,334	926	4,232	13,830	418,411
6. Deutsche Securities Indonesia (DB)	2,301	7,214	368,679	405	1,363	398	2,707	8,577	369,077
7. BNI Securities (NI)	6,840	3,882	333,085	169	54	156	7,009	3,936	333,241
8. Merrill Lynch Indonesia (ML)	1,688	6,011	327,605	98	500	337	1,786	6,511	327,942
9. CIMB Securities Indonesia (YU)	7,610	8,378	316,672	5,655	3,479	570	13,265	11,857	317,242
10. MNC Securities (EP)	4,451	2,312	314,915	12,757	10,200	388	17,208	12,511	315,303
11. Maybank Kim Eng Securities (ZP)	4,258	6,750	290,508	2,059	2,706	1,318	6,317	9,456	291,826
12. RHB Securities Indonesia (DR)	8,402	5,934	282,696	603	846	176	9,005	6,780	282,872
13. Phillip Securities Indonesia (KK)	6,317	3,103	281,334	72	5	77	6,389	3,108	281,411
14. Valbury Asia Securities (CP)	6,410	3,755	219,130	1,711	882	466	8,121	4,638	219,596
15. Bahana Securities (DX)	2,869	5,116	203,990	1,583	5,162	399	4,452	10,278	204,389
16. Danareksa Sekuritas (OD)	3,695	3,017	195,413	504	1,582	261	4,200	4,599	195,674
17. Trimegah Securities Tbk. (LG)	4,736	4,092	191,130	4,430	1,905	375	9,166	5,997	191,505
18. CLSA Indonesia (KZ)	2,614	6,420	190,781	1,039	2,143	381	3,653	8,563	191,162
19. Morgan Stanley Asia Indonesia (MS)	1,844	7,125	187,937	988	5,025	551	2,832	12,150	188,488
20. Citigroup Securities Indonesia (CG)	1,656	4,718	185,441	1,416	7,064	967	3,072	11,782	186,408
Total of The 20 Firms	109,620	119,514	6,847,925	43,163	57,848	9,759	152,783	177,361	6,857,684
% of Total Transaction	53.3%	62.9%	65.0%	53.6%	71.5%	44.1%	53.4%	65.5%	65.0%
Total Transaction	205,586	190,076	10,530,034	80,476	80,908	22,148	286,062	270,984	10,552,182

Note : Volume in million shares, Value in million IDR

Research and Development Division

JULI 2016

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Daewoo Securities Indonesia	15,672	10,668	871,275	265	64	449	15,936	10,732	871,724
2. Indo Premier Securities	8,396	6,002	577,326	698	489	139	9,095	6,490	577,465
3. Mandiri Sekuritas	10,243	10,829	560,737	255	382	172	10,499	11,211	560,909
4. Credit Suisse Securities Indonesia	3,083	11,455	470,440	1,328	2,219	1,018	4,411	13,674	471,458
5. UBS Securities Indonesia	2,327	9,432	413,989	713	4,546	424	3,040	13,978	414,413
6. Deutsche Securities Indonesia	1,976	7,403	371,668	650	1,851	412	2,626	9,254	372,080
7. Merrill Lynch Indonesia	1,617	7,285	334,220	55	362	100	1,672	7,647	334,320
8. BNI Securities	5,540	4,374	318,913	447	181	166	5,987	4,555	319,079
9. MNC Securities	3,772	2,079	313,882	1,721	276	245	5,494	2,355	314,127
10. CIMB Securities Indonesia	5,787	8,741	302,833	3,203	3,235	501	8,990	11,976	303,334
11. Maybank Kim Eng Securities	3,919	8,707	292,943	1,375	6,268	1,068	5,295	14,975	294,011
12. Phillip Securities Indonesia	5,794	3,632	290,250	9	0.42	20	5,804	3,632	290,270
13. RHB Securities Indonesia	6,419	5,807	235,413	436	455	205	6,855	6,262	235,618
14. CLSA Indonesia	2,136	7,231	206,208	1,532	3,741	586	3,668	10,971	206,794
15. Bahana Securities	2,934	5,991	188,120	441	455	225	3,375	6,446	188,345
16. Trimegah Securities Tbk.	4,321	5,243	185,310	3,129	2,124	143	7,450	7,367	185,453
17. Valbury Asia Securities	4,988	3,096	180,376	761	418	360	5,749	3,514	180,736
18. Panin Sekuritas Tbk.	3,925	3,746	178,495	1,433	843	137	5,358	4,588	178,632
19. Morgan Stanley Asia Indonesia	1,489	8,601	175,484	1,343	6,812	425	2,832	15,413	175,909
20. Danareksa Sekuritas	2,754	2,952	172,327	72	91	268	2,826	3,043	172,595
Total of The 20 Firms	97,093	133,272	6,640,209	19,867	34,813	7,063	116,961	168,085	6,647,272
% of Total Transaction	59.0%	67.1%	69.1%	39.0%	59.3%	37.5%	54.3%	65.3%	69.1%
Total Transaction	164,540	198,635	9,603,426	50,971	58,671	18,836	215,510	257,306	9,622,262

Note : Volume in million shares, Value in million IDR

Research and Development Division

AGUSTUS 2016

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Daewoo Securities Indonesia	25,666	14,952	1,264,941	1,114	549	834	26,780	15,501	1,265,775
2. Mandiri Sekuritas	14,341	14,594	847,016	1,438	629	409	15,779	15,223	847,425
3. Indo Premier Securities	12,207	9,842	828,989	536	1,065	341	12,743	10,906	829,330
4. Deutsche Securities Indonesia	3,429	11,335	544,917	1,610	5,904	833	5,039	17,239	545,750
5. UBS Securities Indonesia	3,229	10,561	514,213	1,186	4,383	818	4,415	14,944	515,031
6. CIMB Securities Indonesia	9,013	14,022	468,780	4,252	3,966	1,174	13,264	17,988	469,954
7. BNI Securities	8,067	6,949	446,826	434	195	203	8,502	7,143	447,029
8. Phillip Securities Indonesia	9,384	4,958	423,064	35	25	77	9,419	4,983	423,141
9. Merrill Lynch Indonesia	1,976	9,049	397,978	144	1,089	173	2,120	10,138	398,151
10. Credit Suisse Securities Indonesia	3,709	12,353	392,883	3,788	3,517	949	7,496	15,870	393,832
11. RHB Securities Indonesia	11,274	7,399	338,121	626	364	291	11,899	7,763	338,412
12. Maybank Kim Eng Securities	5,921	9,885	336,276	1,510	2,902	1,251	7,431	12,787	337,527
13. MNC Securities	5,103	2,933	292,061	1,712	1,859	398	6,815	4,792	292,459
14. Valbury Asia Securities	9,642	5,056	281,105	1,856	573	731	11,498	5,629	281,836
15. Citigroup Securities Indonesia	2,033	7,940	274,163	1,187	6,553	1,175	3,219	14,493	275,338
16. Bahana Securities	4,510	9,844	263,656	167	261	436	4,677	10,105	264,092
17. Danareksa Sekuritas	4,601	5,206	250,498	411	480	514	5,012	5,686	251,012
18. Panin Sekuritas Tbk.	5,826	5,281	245,025	694	352	182	6,520	5,633	245,207
19. Trimegah Securities Tbk.	5,979	7,288	239,229	1,923	1,050	256	7,902	8,337	239,485
20. JP Morgan Securities Indonesia	1,255	5,763	233,055	201	849	558	1,456	6,612	233,613
Total of The 20 Firms	147,163	175,209	8,882,796	24,823	36,564	11,603	171,986	211,773	8,894,399
% of Total Transaction	56.4%	63.3%	67.7%	26.9%	40.8%	41.1%	48.7%	57.8%	67.7%
Total Transaction	260,922	276,588	13,117,870	92,108	89,668	28,258	353,030	366,256	13,146,128

Note : Volume in million shares, Value in million IDR

Research and Development Division

SEPTEMBER 2016

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Daewoo Securities Indonesia	17,319	10,760	917,256	777	336	563	18,095	11,097	917,819
2. Mandiri Sekuritas	9,217	11,244	689,814	1,580	5,267	594	10,797	16,511	690,408
3. Indo Premier Securities	7,440	6,577	608,569	2,884	1,005	308	10,324	7,582	608,877
4. UBS Securities Indonesia	2,750	9,769	575,009	720	5,519	496	3,470	15,287	575,505
5. Deutsche Securities Indonesia	2,755	8,570	463,326	1,594	6,322	571	4,349	14,892	463,897
6. CIMB Securities Indonesia	7,056	11,814	404,048	2,628	7,076	1,161	9,684	18,891	405,209
7. BNI Securities	4,721	4,593	320,702	632	498	298	5,352	5,091	321,000
8. Maybank Kim Eng Securities	4,135	8,642	319,189	1,266	1,992	1,128	5,401	10,634	320,317
9. Credit Suisse Securities Indonesia	2,647	8,397	318,828	177	1,212	540	2,824	9,609	319,368
10. Phillip Securities Indonesia	4,517	3,297	303,460	462	46	144	4,979	3,343	303,604
11. Merrill Lynch Indonesia	1,653	6,190	297,720	55	189	113	1,708	6,379	297,833
12. RHB Securities Indonesia	4,866	5,132	241,524	350	243	260	5,216	5,376	241,784
13. Citigroup Securities Indonesia	1,775	6,724	229,708	2,837	7,584	1,014	4,612	14,308	230,722
14. Bahana Securities	3,444	7,454	224,549	4,791	322	470	8,235	7,776	225,019
15. Morgan Stanley Asia Indonesia	3,195	9,274	223,668	2,862	6,756	538	6,057	16,030	224,206
16. CLSA Sekuritas Indonesia	2,139	7,195	220,295	1,238	4,530	484	3,378	11,725	220,779
17. Valbury Asia Securities	7,210	3,639	212,903	2,607	721	436	9,816	4,360	213,339
18. JP Morgan Securities Indonesia	1,086	5,174	203,958	282	1,280	725	1,368	6,455	204,683
19. Trimegah Securities Tbk.	4,964	5,384	187,480	9,099	8,605	376	14,063	13,989	187,856
20. Danareksa Sekuritas	3,038	4,530	184,893	100	199	901	3,138	4,729	185,794
Total of The 20 Firms	95,924	144,361	7,146,899	36,940	59,702	11,120	132,865	204,063	7,158,019
% of Total Transaction	47.4%	67.0%	67.6%	31.1%	59.6%	45.2%	41.4%	64.6%	67.5%
Total Transaction	202,389	215,518	10,573,618	118,653	100,174	24,620	321,043	315,691	10,598,238

Note : Volume in million shares, Value in million IDR

Research and Development Division

OKTOBER 2016

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Daewoo Securities Indonesia	45,382	13,565	1,174,547	2,934	913	887	48,317	14,477	1,175,434
2. Mandiri Sekuritas	21,017	11,413	802,130	4,913	2,614	239	25,930	14,027	802,369
3. Indo Premier Securities	21,356	7,140	755,818	424	519	291	21,780	7,660	756,109
4. UBS Securities Indonesia	2,363	6,939	459,613	815	2,457	453	3,178	9,395	460,066
5. Deutsche Securities Indonesia	2,339	6,854	421,284	750	2,543	514	3,090	9,397	421,798
6. BNI Securities	14,718	5,657	420,769	325	81	215	15,043	5,739	420,984
7. Phillip Securities Indonesia	15,398	4,175	387,845	53	3	129	15,451	4,178	387,974
8. CIMB Securities Indonesia	9,902	9,495	372,655	5,008	3,403	624	14,910	12,898	373,279
9. Credit Suisse Securities Indonesia	3,093	8,012	300,450	479	1,694	1,158	3,571	9,706	301,608
10. Merrill Lynch Indonesia	1,677	6,212	297,309	33	209	86	1,711	6,421	297,395
11. Maybank Kim Eng Securities	9,440	6,186	266,770	3,054	10,217	1,405	12,494	16,403	268,175
12. RHB Securities Indonesia	9,155	5,676	265,669	315	364	221	9,470	6,040	265,890
13. Lautandhana Securindo	21,208	4,159	263,846	545	262	164	21,753	4,421	264,010
14. Valbury Asia Securities	16,643	4,428	261,490	4,089	728	588	20,732	5,156	262,078
15. MNC Securities	8,572	2,596	234,154	3,907	4,976	461	12,479	7,573	234,615
16. Bahana Securities	5,499	6,770	234,021	438	499	272	5,937	7,269	234,293
17. Morgan Stanley Asia Indonesia	2,073	7,604	213,065	964	4,414	535	3,037	12,018	213,600
18. Panin Sekuritas Tbk.	8,883	3,931	209,634	455	265	230	9,338	4,195	209,864
19. Citigroup Securities Indonesia	1,374	4,234	199,141	797	5,480	912	2,171	9,714	200,053
20. Danareksa Sekuritas	5,851	3,902	199,071	1,674	1,620	231	7,525	5,521	199,302
Total of The 20 Firms	225,943	128,949	7,739,281	31,972	43,259	9,615	257,915	172,208	7,748,896
% of Total Transaction	54.2%	61.7%	65.7%	26.2%	47.4%	40.9%	47.9%	57.3%	65.6%
Total Transaction	416,864	209,142	11,787,292	121,928	91,185	23,516	538,791	300,327	11,810,808

Note : Volume in million shares, Value in million IDR

Research and Development Division

NOVEMBER 2016

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Daewoo Securities Indonesia	40,667	16,159	1,388,974	3,428	698	832	44,095	16,856	1,389,806
2. Indo Premier Securities	18,043	9,453	934,795	2,506	937	351	20,548	10,390	935,146
3. Mandiri Sekuritas	18,737	14,206	851,303	336	334	210	19,073	14,540	851,513
4. UBS Securities Indonesia	3,643	10,904	572,711	348	1,630	488	3,991	12,535	573,199
5. Deutsche Securities Indonesia	3,031	10,149	571,478	1,385	3,293	570	4,416	13,442	572,048
6. BNI Securities	13,364	6,274	496,421	4,481	603	182	17,845	6,877	496,603
7. CIMB Securities Indonesia	9,131	13,373	451,076	3,755	2,512	595	12,885	15,885	451,671
8. Phillip Securities Indonesia	13,405	5,370	450,707	39	3	163	13,444	5,372	450,870
9. Merrill Lynch Indonesia	3,449	9,495	442,025	155	384	171	3,604	9,879	442,196
10. Credit Suisse Securities Indonesia	4,712	13,198	386,167	542	1,545	1,051	5,254	14,743	387,218
11. Maybank Kim Eng Securities	7,330	7,560	357,252	690	653	1,137	8,020	8,213	358,389
12. RHB Securities Indonesia	9,335	8,009	341,114	800	317	293	10,134	8,326	341,407
13. Valbury Asia Securities	15,317	6,022	329,649	3,326	827	629	18,643	6,849	330,278
14. Lautandhana Securindo	17,038	5,405	305,679	514	259	137	17,551	5,664	305,816
15. Morgan Stanley Asia Indonesia	3,025	10,699	284,795	1,240	5,836	625	4,265	16,535	285,420
16. Citigroup Securities Indonesia	2,354	7,129	279,703	1,098	5,173	994	3,452	12,302	280,697
17. CLSA Sekuritas Indonesia	2,839	8,568	278,372	1,175	2,442	451	4,014	11,010	278,823
18. Danareksa Sekuritas	5,702	5,225	262,998	205	226	359	5,906	5,451	263,357
19. JP Morgan Securities Indonesia	2,507	6,884	261,102	255	1,093	679	2,762	7,977	261,781
20. Bahana Securities	5,015	7,236	247,621	337	455	307	5,352	7,691	247,928
Total of The 20 Firms	198,643	181,318	9,493,942	26,614	29,220	10,224	225,257	210,538	9,504,166
% of Total Transaction	49.9%	65.2%	65.6%	15.7%	6.8%	41.7%	39.7%	29.8%	65.5%
Total Transaction	397,765	278,307	14,482,882	169,641	429,335	24,492	567,406	707,642	14,507,374

Note : Volume in million shares, Value in million IDR

Research and Development Division

DESEMBER 2016

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mirae Asset Sekuritas Indonesia	22,596	10,786	1,019,545	6,498	3,324	1,112	29,093	14,109	1,020,657
2. Mandiri Sekuritas	11,580	8,338	670,836	216	136	222	11,796	8,474	671,058
3. Indo Premier Securities	10,444	6,444	669,305	1,710	1,307	538	12,155	7,752	669,843
4. UBS Securities Indonesia	2,081	7,124	397,854	8,470	1,918	538	10,552	9,043	398,392
5. Deutsche Securities Indonesia	1,843	5,563	374,156	602	1,917	450	2,445	7,480	374,606
6. BNI Securities	8,735	4,156	365,185	2,714	1,101	286	11,450	5,257	365,471
7. Merrill Lynch Indonesia	1,769	7,054	357,208	16	114	80	1,785	7,168	357,288
8. CIMB Securities Indonesia	6,459	8,217	343,891	5,521	6,718	734	11,980	14,935	344,625
9. Phillip Securities Indonesia	7,637	3,276	318,862	118	45	84	7,755	3,321	318,946
10. Credit Suisse Securities Indonesia	2,462	9,037	285,728	5,078	2,130	445	7,540	11,166	286,173
11. RHB Securities Indonesia	6,989	5,120	256,821	393	272	249	7,383	5,392	257,070
12. Maybank Kim Eng Securities	4,248	3,932	227,649	839	431	1,156	5,087	4,362	228,805
13. CLSA Sekuritas Indonesia	1,690	5,720	220,348	820	2,646	345	2,510	8,366	220,693
14. Valbury Asia Securities	9,905	3,418	216,103	9,674	1,214	929	19,579	4,632	217,032
15. Lautandhana Securindo	10,241	3,401	205,601	820	216	127	11,062	3,617	205,728
16. JP Morgan Securities Indonesia	1,171	3,857	204,303	297	675	312	1,468	4,532	204,615
17. Citigroup Securities Indonesia	1,219	4,367	197,063	417	3,367	514	1,637	7,734	197,577
18. Morgan Stanley Asia Indonesia	1,562	6,413	188,951	1,201	6,075	512	2,763	12,488	189,463
19. Danareksa Sekuritas	3,933	3,195	183,784	1,126	231	254	5,059	3,426	184,038
20. Panin Sekuritas Tbk.	4,606	3,420	178,048	1,551	1,554	205	6,156	4,973	178,253
Total of The 20 Firms	121,172	112,837	6,881,241	48,082	35,390	9,092	169,255	148,227	6,890,333
% of Total Transaction	47.5%	61.3%	64.2%	16.8%	27.8%	33.0%	31.3%	47.6%	64.2%
Total Transaction	255,044	184,031	10,710,606	286,539	127,301	27,524	541,582	311,332	10,738,130

Note : Volume in million shares, Value in million IDR

Research and Development Division

JANUARI 2017

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mirae Asset Sekuritas Indonesia	57,257	13,820	1,358,495	4,021	830	1,336	61,278	14,650	1,359,831
2. Mandiri Sekuritas	28,409	9,762	874,061	926	2,271	415	29,334	12,033	874,476
3. Indo Premier Securities	23,631	6,792	835,629	301	105	246	23,932	6,898	835,875
4. BNI Securities	20,922	5,477	483,363	238	148	145	21,160	5,625	483,508
5. Deutsche Securities Indonesia	2,196	6,157	433,689	834	2,083	454	3,029	8,239	434,143
6. Phillip Securities Indonesia	18,297	4,068	424,955	43	6	116	18,340	4,074	425,071
7. UBS Securities Indonesia	2,238	5,649	393,443	458	1,845	702	2,697	7,494	394,145
8. CIMB Securities Indonesia	11,018	8,013	350,201	3,817	3,397	433	14,835	11,410	350,634
9. MNC Securities	8,655	2,382	326,321	2,076	1,761	352	10,730	4,143	326,673
10. Valbury Asia Securities	21,227	5,181	325,315	7,528	980	642	28,755	6,161	325,957
11. RHB Securities Indonesia	14,970	5,857	324,353	196	74	212	15,166	5,931	324,565
12. Merrill Lynch Indonesia	1,116	4,538	291,653	18	112	58	1,134	4,651	291,711
13. Panin Sekuritas Tbk.	11,418	3,553	227,273	401	486	120	11,818	4,039	227,393
14. Lautandhana Securindo	16,185	3,450	225,601	740	130	202	16,924	3,580	225,803
15. Credit Suisse Securities Indonesia	2,302	5,460	224,197	136	333	333	2,438	5,793	224,530
16. Danareksa Sekuritas	6,876	3,195	218,436	379	160	196	7,254	3,355	218,632
17. Trimegah Securities Tbk.	10,765	4,338	214,104	4,044	2,804	247	14,809	7,142	214,351
18. Maybank Kim Eng Securities	10,252	4,037	210,886	682	412	1,010	10,934	4,449	211,896
19. Erdikha Elit Sekuritas	8,204	1,720	201,698	184	100	128	8,388	1,820	201,826
20. Morgan Stanley Asia Indonesia	1,365	5,751	200,016	445	3,708	383	1,810	9,459	200,399
Total of The 20 Firms	277,303	109,200	8,143,689	27,464	21,746	7,730	304,767	130,946	8,151,419
% of Total Transaction	54.8%	56.9%	64.0%	27.4%	46.7%	35.5%	50.3%	54.9%	63.9%
Total Transaction	506,219	192,026	12,732,130	100,221	46,557	21,754	606,439	238,582	12,753,884

Note : Volume in million shares, Value in million IDR

Research and Development Division

FEBRUARI 2017

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mirae Asset Sekuritas Indonesia	79,909	16,361	1,610,532	1,617	162	1,199	81,526	16,523	1,611,731
2. Mandiri Sekuritas	43,432	12,670	934,353	495	1,753	363	43,927	14,423	934,716
3. Indo Premier Securities	34,198	7,942	922,488	254	49	1,127	34,452	7,991	923,615
4. MNC Securities	13,905	4,071	638,798	17,106	5,265	270	31,011	9,337	639,068
5. BNI Securities	28,091	6,746	552,556	640	155	471	28,730	6,901	553,027
6. Phillip Securities Indonesia	24,278	5,202	497,315	128	20	139	24,406	5,222	497,454
7. Valbury Asia Securities	32,065	6,328	450,701	8,536	1,045	700	40,601	7,373	451,401
8. UBS Securities Indonesia	2,502	7,363	402,159	925	1,277	411	3,427	8,640	402,570
9. CIMB Securities Indonesia	12,685	8,293	376,168	654	1,124	532	13,340	9,417	376,700
10. Deutsche Securities Indonesia	2,072	6,089	355,797	2,283	3,053	492	4,355	9,142	356,289
11. RHB Securities Indonesia	19,802	7,095	355,340	540	218	365	20,342	7,313	355,705
12. Merrill Lynch Indonesia	1,677	6,214	316,135	189	430	122	1,866	6,644	316,257
13. Lautandhana Securindo	33,450	4,917	287,868	2,632	349	232	36,083	5,266	288,100
14. Samuel Sekuritas Indonesia	9,042	3,504	287,866	510	321	90	9,552	3,825	287,956
15. Panin Sekuritas Tbk.	15,217	4,367	257,368	1,072	435	168	16,289	4,802	257,536
16. Maybank Kim Eng Securities	14,489	5,643	246,633	1,702	516	1,335	16,191	6,159	247,968
17. Morgan Stanley Asia Indonesia	2,093	8,003	238,387	1,209	5,345	518	3,302	13,348	238,905
18. Trimegah Securities Tbk.	13,286	5,150	233,769	11,932	3,128	297	25,218	8,278	234,066
19. Danareksa Sekuritas	9,560	3,836	232,382	82	86	339	9,642	3,922	232,721
20. Credit Suisse Securities Indonesia	2,658	7,017	228,339	235	652	739	2,892	7,669	229,078
Total of The 20 Firms	394,412	136,812	9,424,954	52,740	25,383	9,909	447,152	162,195	9,434,863
% of Total Transaction	57.0%	58.1%	64.6%	38.1%	49.7%	37.5%	53.9%	56.6%	64.6%
Total Transaction	691,794	235,612	14,585,196	138,354	51,088	26,456	830,148	286,700	14,611,652

Note : Volume in million shares, Value in million IDR

Research and Development Division

MARET 2017

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mirae Asset Sekuritas Indonesia	33,993	12,613	1,444,927	1,802	451	1,077	35,795	13,065	1,446,004
2. Mandiri Sekuritas	24,556	13,650	908,306	678	2,790	292	25,235	16,440	908,598
3. Indo Premier Securities	13,500	7,007	821,088	919	871	677	14,419	7,879	821,765
4. UBS Securities Indonesia	2,970	10,810	583,756	5,575	5,650	890	8,545	16,460	584,646
5. MNC Securities	6,712	3,176	507,113	994	296	276	7,707	3,472	507,389
6. BNI Securities	11,292	5,166	490,888	1,918	293	212	13,210	5,459	491,100
7. Phillip Securities Indonesia	11,565	4,439	460,727	22	1	169	11,588	4,440	460,896
8. Deutsche Securities Indonesia	2,560	8,234	433,336	1,061	2,679	650	3,621	10,913	433,986
9. Merrill Lynch Indonesia	2,085	8,057	420,878	291	1,810	358	2,377	9,866	421,236
10. Credit Suisse Securities Indonesia	3,735	11,842	407,076	1,663	1,939	820	5,397	13,781	407,896
11. CIMB Securities Indonesia	8,133	12,059	395,694	1,791	3,293	673	9,925	15,352	396,367
12. Valbury Asia Securities	12,807	4,418	335,178	6,387	721	690	19,194	5,139	335,868
13. RHB Securities Indonesia	8,670	5,703	324,037	826	297	408	9,496	6,000	324,445
14. Morgan Stanley Asia Indonesia	2,302	9,809	292,636	2,255	7,523	620	4,556	17,332	293,256
15. First Asia Capital	4,500	2,073	276,649	1,920	723	32	6,419	2,797	276,681
16. Maybank Kim Eng Securities	6,618	5,746	265,808	1,134	714	1,488	7,752	6,460	267,296
17. Trimegah Securities Tbk.	7,680	5,413	257,676	13,609	3,205	307	21,289	8,619	257,983
18. Samuel Sekuritas Indonesia	3,531	3,219	255,723	7,283	173	72	10,814	3,392	255,795
19. Citigroup Sekuritas Indonesia	1,324	6,537	236,379	1,200	7,473	926	2,524	14,010	237,305
20. Panin Sekuritas Tbk.	5,573	3,916	234,562	2,638	437	179	8,210	4,353	234,741
Total of The 20 Firms	174,107	143,887	9,352,437	53,965	41,339	10,816	228,073	185,226	9,363,253
% of Total Transaction	47.7%	59.4%	65.2%	29.0%	41.5%	36.5%	41.4%	54.1%	65.2%
Total Transaction	364,896	242,401	14,339,346	185,798	99,726	29,602	550,695	342,127	14,368,948

Note : Volume in million shares, Value in million IDR

Research and Development Division

APRIL 2017

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mirae Asset Sekuritas Indonesia	20,048	9,077	1,036,512	2,119	275	749	22,167	9,352	1,037,261
2. Mandiri Sekuritas	14,145	9,694	665,934	1,027	415	178	15,172	10,109	666,112
3. Indo Premier Sekuritas	8,827	5,284	627,983	448	822	482	9,275	6,106	628,465
4. BNI Sekuritas	8,787	4,598	386,238	3,028	194	92	11,816	4,791	386,330
5. Phillip Sekuritas Indonesia	7,733	3,408	371,976	15	1	90	7,748	3,409	372,066
6. UBS Sekuritas Indonesia	1,681	7,090	357,099	994	4,082	464	2,675	11,172	357,563
7. Deutsche Sekuritas Indonesia	2,003	7,118	321,314	1,732	1,714	342	3,735	8,832	321,656
8. CIMB Sekuritas Indonesia	5,289	8,023	294,892	2,686	3,476	587	7,975	11,499	295,479
9. Merrill Lynch Sekuritas Indonesia	1,462	5,675	288,561	163	688	160	1,625	6,363	288,721
10. Samuel Sekuritas Indonesia	3,014	3,040	281,470	2,136	299	53	5,151	3,339	281,523
11. Valbury Sekuritas Indonesia	11,766	4,862	278,012	3,031	425	361	14,797	5,287	278,373
12. MNC Sekuritas	4,236	2,315	246,457	18,025	10,382	308	22,261	12,698	246,765
13. RHB Securities Indonesia	6,073	4,663	241,263	657	323	448	6,730	4,986	241,711
14. Credit Suisse Sekuritas Indonesia	2,063	6,635	207,869	13,224	12,877	360	15,287	19,512	208,229
15. Trimegah Sekuritas Indonesia Tbk.	4,851	4,095	198,095	13,965	1,929	214	18,816	6,023	198,309
16. Maybank Kim Eng Securities	4,379	4,187	193,618	12,308	7,195	867	16,687	11,381	194,485
17. Citigroup Sekuritas Indonesia	1,202	5,730	189,932	911	6,449	808	2,113	12,180	190,740
18. CLSA Sekuritas Indonesia	2,153	7,515	188,809	930	4,247	372	3,083	11,761	189,181
19. Panin Sekuritas Tbk.	4,447	3,781	188,129	573	292	211	5,020	4,073	188,340
20. Morgan Stanley Sekuritas Indonesia	1,520	6,769	173,338	2,672	9,139	491	4,192	15,908	173,829
Total of The 20 Firms	115,681	113,560	6,737,501	80,644	65,223	7,637	196,326	178,783	6,745,138
% of Total Transaction	45.5%	60.3%	63.7%	53.0%	41.2%	31.0%	48.3%	51.5%	63.7%
Total Transaction	254,420	188,398	10,570,986	152,176	158,485	24,616	406,597	346,883	10,595,602

Note : Volume in million shares, Value in million IDR

Research and Development Division

MEI 2017

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mirae Asset Sekuritas Indonesia	20,793	11,111	1,221,259	2,934	365	753	23,727	11,476	1,222,012
2. Mandiri Sekuritas	15,118	12,627	794,908	228	304	134	15,346	12,931	795,042
3. Indo Premier Sekuritas	8,942	6,314	755,225	128	66	536	9,071	6,380	755,761
4. UBS Sekuritas Indonesia	3,415	11,394	597,082	591	2,510	907	4,006	13,904	597,989
5. Deutsche Sekuritas Indonesia	2,935	10,282	452,544	1,856	3,326	592	4,791	13,608	453,136
6. Phillip Sekuritas Indonesia	6,884	3,515	449,007	11	0	75	6,895	3,515	449,082
7. BNI Sekuritas	8,336	5,151	447,835	629	131	174	8,966	5,282	448,009
8. CIMB Sekuritas Indonesia	6,202	10,162	429,615	3,403	2,335	553	9,605	12,497	430,168
9. Samuel Sekuritas Indonesia	2,556	2,469	367,474	755	865	82	3,312	3,334	367,556
10. Citigroup Sekuritas Indonesia	3,030	10,497	323,942	810	4,151	849	3,839	14,648	324,791
11. Credit Suisse Sekuritas Indonesia	2,454	9,500	305,625	562	1,726	1,110	3,017	11,226	306,735
12. Merrill Lynch Sekuritas Indonesia	1,887	8,244	306,148	180	539	164	2,067	8,783	306,312
13. Valbury Sekuritas Indonesia	11,287	5,643	302,677	6,207	1,451	398	17,494	7,095	303,075
14. MNC Sekuritas	3,954	2,599	286,163	2,560	454	227	6,514	3,053	286,390
15. Morgan Stanley Sekuritas Indonesia	1,814	8,403	285,853	1,313	5,970	501	3,127	14,373	286,354
16. RHB Sekuritas Indonesia	5,794	5,025	278,615	363	74	331	6,157	5,100	278,946
17. Maybank Kim Eng Securities	4,759	6,253	246,522	544	580	1,006	5,303	6,833	247,528
18. CLSA Sekuritas Indonesia	2,047	8,515	243,751	1,229	10,550	565	3,276	19,065	244,316
19. JP Morgan Sekuritas Indonesia	1,272	5,987	225,666	127	702	486	1,399	6,689	226,152
20. Panin Sekuritas Tbk.	5,345	4,901	224,709	1,631	409	143	6,976	5,310	224,852
Total of The 20 Firms	118,826	148,592	8,544,620	26,061	36,510	9,586	144,886	185,102	8,554,206
% of Total Transaction	44.6%	60.7%	65.0%	12.2%	43.5%	30.4%	30.2%	56.3%	65.0%
Total Transaction	266,260	244,695	13,135,726	213,783	84,016	31,526	480,043	328,711	13,167,252

Note : Volume in million shares, Value in million IDR

Research and Development Division

JUNI 2017

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mirae Asset Sekuritas Indonesia	12,541	5,837	737,063	973	234	555	13,514	6,071	737,618
2. Mandiri Sekuritas	8,772	8,189	487,839	230	146	98	9,002	8,335	487,937
3. Indo Premier Sekuritas	4,622	3,391	446,705	422	82	359	5,043	3,473	447,064
4. UBS Sekuritas Indonesia	1,831	8,049	445,243	1,019	3,039	485	2,850	11,088	445,728
5. Deutsche Sekuritas Indonesia	1,467	5,804	292,518	449	846	304	1,916	6,650	292,822
6. CIMB Sekuritas Indonesia	4,459	6,569	282,626	1,949	1,560	376	6,407	8,129	283,002
7. Phillip Sekuritas Indonesia	3,484	1,882	282,215	32	4	73	3,515	1,887	282,288
8. BNI Sekuritas	4,382	2,944	271,676	170	38	70	4,553	2,982	271,746
9. MNC Sekuritas	3,156	1,866	266,896	8,393	2,145	232	11,549	4,011	267,128
10. Credit Suisse Sekuritas Indonesia	1,325	5,207	188,681	2,401	1,357	466	3,726	6,564	189,147
11. Valbury Sekuritas Indonesia	7,058	3,541	183,404	4,976	996	334	12,033	4,537	183,738
12. Merrill Lynch Sekuritas Indonesia	1,001	5,239	182,727	51	308	92	1,052	5,547	182,819
13. Citigroup Sekuritas Indonesia	1,026	4,464	172,708	1,144	5,097	598	2,171	9,561	173,306
14. Bahana Sekuritas	3,699	4,553	172,075	777	1,538	220	4,476	6,091	172,295
15. RHB Sekuritas Indonesia	2,750	2,467	165,297	168	31	210	2,918	2,498	165,507
16. Maybank Kim Eng Securities	2,611	3,589	162,280	515	744	678	3,126	4,334	162,958
17. CLSA Sekuritas Indonesia	1,624	5,697	160,047	1,826	2,544	272	3,450	8,241	160,319
18. Morgan Stanley Sekuritas Indonesia	1,248	7,949	148,268	761	3,586	431	2,009	11,535	148,699
19. Trimegah Sekuritas Indonesia Tbk.	3,932	2,894	140,054	28,865	14,910	369	32,797	17,803	140,423
20. JP Morgan Sekuritas Indonesia	675	2,914	136,874	97	479	616	772	3,393	137,490
Total of The 20 Firms	71,662	93,044	5,325,196	55,218	39,685	6,838	126,880	132,730	5,332,034
% of Total Transaction	48.0%	64.1%	65.4%	41.2%	53.2%	31.1%	44.8%	60.4%	65.3%
Total Transaction	149,322	145,055	8,137,308	133,954	74,568	21,962	283,276	219,623	8,159,270

Note : Volume in million shares, Value in million IDR

Research and Development Division

JULI 2017

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mirae Asset Sekuritas Indonesia	18,176	9,072	1,040,152	819	222	921	18,994	9,294	1,041,073
2. Mandiri Sekuritas	11,589	10,864	647,682	159	253	123	11,747	11,117	647,805
3. Indo Premier Sekuritas	7,115	5,148	626,070	245	587	419	7,360	5,735	626,489
4. UBS Sekuritas Indonesia	2,053	7,411	432,620	537	1,301	436	2,590	8,712	433,056
5. Phillip Sekuritas Indonesia	6,287	2,947	415,677	19	1	102	6,306	2,948	415,779
6. Deutsche Sekuritas Indonesia	2,112	8,167	410,561	532	1,365	641	2,644	9,532	411,202
7. CIMB Sekuritas Indonesia	6,027	9,001	368,093	1,198	1,492	511	7,224	10,492	368,604
8. BNI Sekuritas	6,023	3,935	366,810	528	213	162	6,551	4,148	366,972
9. Credit Suisse Sekuritas Indonesia	2,429	8,681	329,089	974	882	637	3,403	9,562	329,726
10. MNC Sekuritas	4,742	2,455	328,976	716	485	268	5,459	2,940	329,244
11. Merrill Lynch Sekuritas Indonesia	1,432	5,948	273,022	117	1,102	154	1,549	7,050	273,176
12. CLSA Sekuritas Indonesia	2,756	9,013	270,821	904	2,928	418	3,660	11,941	271,239
13. Morgan Stanley Sekuritas Indonesia	1,851	9,807	261,256	1,058	5,788	609	2,909	15,595	261,865
14. Citigroup Sekuritas Indonesia	1,546	8,222	256,068	778	5,212	854	2,324	13,435	256,922
15. Valbury Sekuritas Indonesia	8,961	4,303	246,272	2,519	920	438	11,480	5,223	246,710
16. RHB Sekuritas Indonesia	3,560	3,771	235,903	156	55	345	3,716	3,826	236,248
17. JP Morgan Sekuritas Indonesia	1,064	5,370	209,863	331	1,232	379	1,395	6,602	210,242
18. Maybank Kim Eng Securities	3,313	4,330	206,791	286	453	1,330	3,599	4,783	208,121
19. FAC Sekuritas Indonesia	3,074	1,436	202,574	1,722	531	37	4,795	1,967	202,611
20. Trimegah Sekuritas Indonesia Tbk.	4,318	4,689	194,533	3,234	2,830	270	7,551	7,519	194,803
Total of The 20 Firms	98,427	124,569	7,322,833	16,829	27,852	9,054	115,257	152,421	7,331,887
% of Total Transaction	49.6%	62.6%	65.1%	13.4%	43.1%	36.4%	35.5%	57.8%	65.0%
Total Transaction	198,463	199,033	11,246,862	125,943	64,693	24,900	324,407	263,726	11,271,762

Note : Volume in million shares, Value in million IDR

Research and Development Division

AGUSTUS 2017

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mirae Asset Sekuritas Indonesia	28,022	12,079	1,302,547	2,305	335	853	30,326	12,414	1,303,400
2. Indo Premier Sekuritas	9,990	6,407	777,468	1,096	433	439	11,086	6,840	777,907
3. Mandiri Sekuritas	16,467	11,994	710,930	476	1,102	153	16,942	13,096	711,083
4. Phillip Sekuritas Indonesia	8,401	3,253	501,404	31	7	97	8,433	3,260	501,501
5. UBS Sekuritas Indonesia	1,954	6,811	482,836	558	2,459	408	2,512	9,270	483,244
6. BNI Sekuritas	7,663	3,654	436,675	119	42	145	7,782	3,696	436,820
7. CIMB Sekuritas Indonesia	8,202	9,320	418,470	4,187	3,526	733	12,389	12,846	419,203
8. Deutsche Sekuritas Indonesia	2,883	7,329	417,106	791	5,644	483	3,674	12,973	417,589
9. MNC Sekuritas	5,857	2,659	322,195	3,342	634	257	9,199	3,293	322,452
10. FAC Sekuritas Indonesia	4,621	2,009	316,414	3,628	798	65	8,248	2,807	316,479
11. Valbury Sekuritas Indonesia	10,475	4,596	293,626	4,594	1,186	491	15,068	5,782	294,117
12. RHB Sekuritas Indonesia	5,689	4,928	275,080	1,401	446	289	7,089	5,374	275,369
13. Lotus Andalan Sekuritas	9,038	3,682	260,484	1,516	457	282	10,554	4,139	260,766
14. Maybank Kim Eng Securities	4,645	4,848	252,810	575	552	847	5,220	5,400	253,657
15. Trimegah Sekuritas Indonesia Tbk.	4,804	4,611	249,547	3,974	2,623	225	8,777	7,234	249,772
16. Samuel Sekuritas Indonesia	2,650	2,404	247,598	251	109	48	2,901	2,514	247,646
17. Merrill Lynch Sekuritas Indonesia	1,313	5,090	235,241	29	147	250	1,342	5,238	235,491
18. Credit Suisse Sekuritas Indonesia	1,966	7,802	234,550	432	1,459	609	2,398	9,261	235,159
19. CLSA Sekuritas Indonesia	2,049	7,205	229,768	989	5,731	488	3,038	12,937	230,256
20. Morgan Stanley Sekuritas Indonesia	1,470	7,762	221,357	827	4,854	591	2,297	12,616	221,948
Total of The 20 Firms	138,156	118,444	8,186,106	31,118	32,545	7,753	169,275	150,989	8,193,859
% of Total Transaction	52.8%	58.7%	61.8%	27.9%	42.9%	28.3%	45.3%	54.4%	61.8%
Total Transaction	261,729	201,752	13,236,726	111,623	75,799	27,354	373,353	277,551	13,264,080

Note : Volume in million shares, Value in million IDR

Research and Development Division

SEPTEMBER 2017

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mirae Asset Sekuritas Indonesia	24,687	11,403	1,215,253	1,785	616	832	26,473	12,018	1,216,085
2. Indo Premier Sekuritas	8,914	6,206	711,708	85	38	228	8,999	6,244	711,936
3. Mandiri Sekuritas	13,533	9,615	664,853	1,134	875	167	14,668	10,491	665,020
4. UBS Sekuritas Indonesia	2,053	7,648	423,009	483	1,930	444	2,536	9,578	423,453
5. BNI Sekuritas	5,965	3,854	396,099	148	18	118	6,113	3,872	396,217
6. Deutsche Sekuritas Indonesia	1,953	6,087	377,459	684	1,816	495	2,637	7,902	377,954
7. CIMB Sekuritas Indonesia	7,085	9,326	368,765	3,863	2,460	530	10,948	11,786	369,295
8. Phillip Sekuritas Indonesia	7,164	2,959	366,522	52	18	78	7,216	2,978	366,600
9. MNC Sekuritas	3,843	1,968	284,233	720	818	265	4,563	2,786	284,498
10. Valbury Sekuritas Indonesia	8,951	4,304	268,965	4,082	958	444	13,033	5,262	269,409
11. RHB Sekuritas Indonesia	4,931	4,082	257,144	675	236	343	5,606	4,318	257,487
12. FAC Sekuritas Indonesia	2,362	1,276	256,665	3,168	780	54	5,530	2,056	256,719
13. Maybank Kim Eng Securities	4,021	5,118	238,614	433	944	1,057	4,454	6,062	239,671
14. Lotus Andalan Sekuritas	6,495	2,932	233,335	1,223	347	169	7,718	3,279	233,504
15. Merrill Lynch Sekuritas Indonesia	1,505	6,086	226,465	52	235	249	1,556	6,321	226,714
16. Morgan Stanley Sekuritas Indonesia	1,732	7,344	200,370	953	4,898	524	2,685	12,242	200,894
17. Trimegah Sekuritas Indonesia Tbk.	3,951	3,960	200,085	5,084	822	231	9,034	4,782	200,316
18. Credit Suisse Sekuritas Indonesia	1,880	6,279	198,119	6,769	2,284	533	8,649	8,563	198,652
19. Panin Sekuritas Tbk.	4,397	2,569	195,146	3,020	603	193	7,417	3,172	195,339
20. Bahana Sekuritas	3,502	5,941	194,623	791	1,441	278	4,293	7,382	194,901
Total of The 20 Firms	118,924	108,955	7,277,432	35,205	22,139	7,232	154,129	131,094	7,284,664
% of Total Transaction	53.4%	58.4%	62.6%	29.8%	33.8%	28.1%	45.2%	52.0%	62.5%
Total Transaction	222,552	186,642	11,627,382	118,110	65,432	25,748	340,661	252,074	11,653,130

Note : Volume in million shares, Value in million IDR

Research and Development Division

OKTOBER 2017

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mirae Asset Sekuritas Indonesia	32,810	15,778	1,384,737	1,075	287	1,734	33,885	16,065	1,386,471
2. Indo Premier Sekuritas	10,376	10,036	851,622	2,258	2,969	387	12,634	13,005	852,009
3. Mandiri Sekuritas	17,358	15,855	822,201	1,843	2,256	339	19,200	18,111	822,540
4. UBS Sekuritas Indonesia	2,967	10,212	478,092	485	1,962	403	3,452	12,174	478,495
5. Deutsche Sekuritas Indonesia	2,975	9,125	475,130	763	2,074	605	3,738	11,199	475,735
6. BNI Sekuritas	7,232	5,218	439,059	667	220	182	7,899	5,438	439,241
7. CIMB Sekuritas Indonesia	7,887	10,590	435,390	8,825	11,659	675	16,712	22,249	436,065
8. Phillip Sekuritas Indonesia	7,261	3,869	424,632	74	20	149	7,336	3,890	424,781
9. MNC Sekuritas	4,167	2,408	389,856	995	1,421	302	5,162	3,829	390,158
10. Valbury Sekuritas Indonesia	12,134	6,219	326,785	5,822	1,803	705	17,956	8,022	327,490
11. RHB Sekuritas Indonesia	5,359	4,938	323,217	1,374	576	284	6,733	5,514	323,501
12. FAC Sekuritas Indonesia	4,363	2,045	318,778	1,090	578	60	5,453	2,623	318,838
13. Credit Suisse Sekuritas Indonesia	2,385	7,557	252,125	1,304	3,254	1,603	3,689	10,811	253,728
14. Merrill Lynch Sekuritas Indonesia	1,897	7,163	248,164	58	310	169	1,954	7,473	248,333
15. Lotus Andalan Sekuritas	6,621	3,142	246,383	1,139	145	178	7,761	3,287	246,561
16. Morgan Stanley Sekuritas Indonesia	1,852	8,147	239,684	1,404	7,635	580	3,256	15,782	240,264
17. Bahana Sekuritas	3,859	8,270	231,480	1,045	1,059	325	4,904	9,330	231,805
18. Citigroup Sekuritas Indonesia	1,567	6,363	226,170	1,319	6,944	1,239	2,886	13,307	227,409
19. Panin Sekuritas Tbk.	4,517	4,542	225,215	1,658	224	269	6,175	4,767	225,484
20. CLSA Sekuritas Indonesia	2,927	8,365	224,354	1,001	2,412	693	3,928	10,777	225,047
Total of The 20 Firms	140,514	149,842	8,563,074	34,200	47,808	10,881	174,713	197,651	8,573,955
% of Total Transaction	51.5%	60.8%	62.2%	27.4%	52.4%	32.5%	43.9%	58.5%	62.1%
Total Transaction	273,021	246,568	13,773,688	124,684	91,289	33,448	397,705	337,857	13,807,136

Note : Volume in million shares, Value in million IDR

Research and Development Division

NOVEMBER 2017

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mirae Asset Sekuritas Indonesia	23,677	12,188	1,324,047	4,631	1,095	1,504	28,309	13,283	1,325,551
2. Indo Premier Sekuritas	8,695	9,306	814,641	2,435	2,011	774	11,130	11,317	815,415
3. Mandiri Sekuritas	12,872	13,857	794,999	943	988	715	13,816	14,846	795,714
4. MNC Sekuritas	5,051	3,378	610,579	32,677	13,037	452	37,729	16,415	611,031
5. Deutsche Sekuritas Indonesia	2,994	9,611	498,796	968	2,587	562	3,961	12,198	499,358
6. UBS Sekuritas Indonesia	4,710	11,974	475,340	7,340	5,147	400	12,050	17,121	475,740
7. BNI Sekuritas	6,503	5,459	438,422	1,288	396	410	7,791	5,855	438,832
8. Phillip Sekuritas Indonesia	5,810	3,445	418,086	149	43	182	5,958	3,488	418,268
9. CIMB Sekuritas Indonesia	6,728	10,069	404,359	4,383	4,020	1,030	11,110	14,089	405,389
10. Valbury Sekuritas Indonesia	10,920	5,523	342,362	10,788	1,215	703	21,708	6,738	343,065
11. CLSA Sekuritas Indonesia	3,225	9,335	311,006	2,040	5,310	1,117	5,265	14,645	312,123
12. Merrill Lynch Sekuritas Indonesia	4,075	8,840	299,129	307	525	120	4,382	9,365	299,249
13. RHB Sekuritas Indonesia	5,040	4,340	295,930	1,577	573	269	6,617	4,913	296,199
14. Lotuss Andalan Sekuritas	6,081	3,345	261,627	1,437	458	168	7,517	3,803	261,795
15. FAC Sekuritas Indonesia	2,822	1,562	261,014	976	546	58	3,797	2,109	261,072
16. Citigroup Sekuritas Indonesia	2,242	7,567	254,431	1,229	5,566	727	3,471	13,133	255,158
17. Credit Suisse Sekuritas Indonesia	2,752	8,373	245,719	821	2,999	773	3,573	11,372	246,492
18. Trimegah Sekuritas Indonesia Tbk.	4,866	4,864	238,015	5,011	1,576	325	9,877	6,440	238,340
19. Maybank Kim Eng Securities	3,766	5,132	235,883	1,505	1,839	1,229	5,271	6,971	237,112
20. Morgan Stanley Sekuritas Indonesia	1,971	8,508	218,682	2,206	8,629	642	4,177	17,137	219,324
Total of The 20 Firms	124,799	146,676	8,743,067	82,711	58,560	12,160	207,511	205,236	8,755,227
% of Total Transaction	46.5%	61.6%	62.3%	37.0%	43.0%	36.4%	42.2%	54.8%	62.2%
Total Transaction	268,245	238,160	14,042,708	223,640	136,031	33,442	491,885	374,191	14,076,150

Note : Volume in million shares, Value in million IDR

Research and Development Division

DESEMBER 2017

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mirae Asset Sekuritas Indonesia	16,006	9,397	995,489	2,458	494	696	18,465	9,891	996,185
2. Mandiri Sekuritas	11,615	14,362	706,384	2,291	16,657	355	13,907	31,020	706,739
3. Indo Premier Sekuritas	6,542	7,335	652,873	6,793	2,609	824	13,335	9,944	653,697
4. Deutsche Sekuritas Indonesia	2,233	7,094	416,133	837	2,348	615	3,070	9,442	416,748
5. MNC Sekuritas	4,594	2,573	394,191	8,474	8,451	401	13,069	11,025	394,592
6. UBS Sekuritas Indonesia	2,179	6,851	361,798	778	812	582	2,957	7,663	362,380
7. CIMB Sekuritas Indonesia	6,124	8,662	350,762	5,734	3,375	502	11,858	12,037	351,264
8. BNI Sekuritas	5,178	3,930	340,104	943	756	127	6,121	4,685	340,231
9. Phillip Sekuritas Indonesia	4,674	2,806	293,544	250	76	115	4,924	2,882	293,659
10. Valbury Sekuritas Indonesia	8,643	4,374	259,396	23,394	1,766	549	32,038	6,139	259,945
11. RHB Sekuritas Indonesia	4,190	3,676	253,990	1,623	351	348	5,812	4,028	254,338
12. FAC Sekuritas Indonesia	2,312	1,272	244,159	4,533	925	432	6,845	2,197	244,591
13. Merrill Lynch Sekuritas Indonesia	1,959	5,225	236,807	74	167	200	2,032	5,392	237,007
14. Morgan Stanley Sekuritas Indonesia	2,392	8,149	222,548	1,087	3,767	444	3,479	11,916	222,992
15. CLSA Sekuritas Indonesia	1,690	6,046	210,097	4,537	5,223	866	6,227	11,269	210,963
16. Credit Suisse Sekuritas Indonesia	2,002	5,979	193,189	27,930	18,602	551	29,932	24,581	193,740
17. Citigroup Sekuritas Indonesia	1,185	4,676	190,685	475	2,842	590	1,660	7,519	191,275
18. Trimegah Sekuritas Indonesia Tbk.	3,904	4,298	185,355	52,251	14,344	514	56,156	18,642	185,869
19. Lotus Andalan Sekuritas	4,987	2,581	183,700	398	202	223	5,385	2,783	183,923
20. Maybank Kim Eng Securities	3,339	4,149	182,035	2,367	757	1,268	5,706	4,906	183,303
Total of The 20 Firms	95,748	113,434	6,873,239	147,228	84,524	10,202	242,976	197,959	6,883,441
% of Total Transaction	47.3%	61.2%	62.6%	36.6%	51.0%	32.8%	40.2%	56.4%	62.5%
Total Transaction	202,618	185,490	10,982,706	401,865	165,668	31,094	604,483	351,158	11,013,800

Note : Volume in million shares, Value in million IDR

Research and Development Division

JANUARI 2018

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mirae Asset Sekuritas Indonesia	34,202	19,213	1,782,914	2,330	505	1,245	36,533	19,718	1,784,159
2. Mandiri Sekuritas	21,986	19,445	1,153,357	759	1,495	414	22,745	20,940	1,153,771
3. Indo Premier Sekuritas	15,432	13,145	1,115,125	606	942	848	16,038	14,087	1,115,973
4. MNC Sekuritas	8,224	4,665	752,178	1,395	1,637	290	9,619	6,302	752,468
5. BNI Sekuritas	12,752	7,621	613,463	408	123	142	13,160	7,744	613,605
6. Deutsche Sekuritas Indonesia	3,966	11,041	581,746	5,176	4,022	577	9,142	15,063	582,323
7. Phillip Sekuritas Indonesia	11,263	6,482	546,991	49	7	157	11,312	6,489	547,148
8. CIMB Sekuritas Indonesia	10,256	13,037	508,794	2,719	2,041	710	12,975	15,078	509,504
9. UBS Sekuritas Indonesia	3,367	10,089	439,719	728	1,909	434	4,094	11,998	440,153
10. Valbury Sekuritas Indonesia	18,980	8,641	437,262	10,662	1,733	717	29,641	10,373	437,979
11. RHB Sekuritas Indonesia	10,083	7,611	402,631	501	193	248	10,584	7,804	402,879
12. Credit Suisse Sekuritas Indonesia	3,773	10,654	376,820	1,842	1,988	938	5,615	12,642	377,758
13. Citigroup Sekuritas Indonesia	2,444	9,776	330,175	2,025	12,198	862	4,469	21,974	331,037
14. Panin Sekuritas Tbk.	7,502	6,749	330,494	623	200	179	8,125	6,949	330,673
15. Merrill Lynch Sekuritas Indonesia	1,922	7,021	330,211	177	499	280	2,099	7,520	330,491
16. Bahana Sekuritas	5,565	8,979	299,177	893	3,978	643	6,458	12,956	299,820
17. Lotus Andalan Sekuritas	12,044	4,902	298,698	540	234	254	12,583	5,136	298,952
18. Maybank Kim Eng Securities	6,779	7,272	296,897	1,128	756	1,041	7,908	8,028	297,938
19. CLSA Sekuritas Indonesia	2,855	9,127	294,049	1,286	2,383	500	4,141	11,510	294,549
20. Trimegah Sekuritas Indonesia Tbk.	7,002	7,200	292,964	2,966	873	358	9,968	8,073	293,322
Total of The 20 Firms	200,395	192,670	11,183,665	36,813	37,714	10,837	237,209	230,384	11,194,502
% of Total Transaction	52.9%	61.6%	66.7%	27.2%	44.4%	33.0%	46.1%	57.9%	66.6%
Total Transaction	378,842	312,820	16,776,448	135,550	84,984	32,838	514,392	397,804	16,809,286

Note : Volume in million shares, Value in million IDR

Research and Development Division

FEBRUARI 2018

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mirae Asset Sekuritas Indonesia	43,423	18,423	1,755,210	1,174	352	930	44,597	18,775	1,756,140
2. Mandiri Sekuritas	25,029	17,045	1,051,688	471	617	228	25,500	17,662	1,051,916
3. Indo Premier Sekuritas	18,201	10,966	1,018,604	287	211	801	18,489	11,178	1,019,405
4. MNC Sekuritas	8,249	3,897	636,874	673	868	146	8,922	4,766	637,020
5. BNI Sekuritas	13,132	6,193	560,392	1,902	255	186	15,034	6,448	560,578
6. Phillip Sekuritas Indonesia	11,314	5,216	485,348	108	47	197	11,422	5,263	485,545
7. Valbury Sekuritas Indonesia	23,406	8,382	454,295	13,179	1,182	530	36,585	9,564	454,825
8. CIMB Sekuritas Indonesia	12,726	12,291	435,923	1,433	3,090	568	14,159	15,380	436,491
9. UBS Sekuritas Indonesia	2,394	8,234	435,023	855	2,851	487	3,248	11,085	435,510
10. Deutsche Sekuritas Indonesia	2,821	8,298	402,437	279	1,150	384	3,100	9,449	402,821
11. RHB Sekuritas Indonesia	10,775	6,638	348,699	1,400	357	469	12,175	6,995	349,168
12. Credit Suisse Sekuritas Indonesia	2,886	9,558	310,981	13,043	8,831	915	15,929	18,390	311,896
13. Panin Sekuritas Tbk.	8,612	5,785	309,637	1,284	110	136	9,896	5,895	309,773
14. Merrill Lynch Sekuritas Indonesia	2,067	7,990	291,851	31	124	56	2,098	8,114	291,907
15. Maybank Kim Eng Securities	8,095	6,273	281,341	880	1,283	946	8,975	7,556	282,287
16. Lotus Andalan Sekuritas	14,171	4,903	281,188	123	26	115	14,294	4,929	281,303
17. Trimegah Sekuritas Indonesia Tbk.	8,118	6,498	262,009	2,725	1,238	233	10,843	7,735	262,242
18. Citigroup Sekuritas Indonesia	1,974	8,289	254,589	969	4,371	566	2,943	12,660	255,155
19. Danareksa Sekuritas	5,067	4,737	246,826	82	52	842	5,149	4,789	247,668
20. Jasa Utama Capital Sekuritas	10,137	4,207	231,489	1,402	461	34	11,539	4,668	231,523
Total of The 20 Firms	232,596	163,824	10,054,404	42,299	27,476	8,769	274,895	191,300	10,063,173
% of Total Transaction	56.6%	60.4%	67.3%	27.6%	37.8%	30.7%	48.7%	55.6%	67.2%
Total Transaction	411,170	271,387	14,937,088	153,250	72,724	28,588	564,420	344,111	14,965,676

Note : Volume in million shares, Value in million IDR

Research and Development Division

MARET 2018

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mirae Asset Sekuritas Indonesia	35,158	16,278	1,855,415	1,863	469	1,015	37,022	16,747	1,856,430
2. Mandiri Sekuritas	20,284	17,472	1,082,461	2,464	1,318	351	22,748	18,791	1,082,812
3. Indo Premier Sekuritas	15,174	9,561	1,046,964	465	1,210	585	15,640	10,771	1,047,549
4. Phillip Sekuritas Indonesia	9,339	4,577	546,093	53	12	97	9,392	4,589	546,190
5. UBS Sekuritas Indonesia	4,152	13,351	536,887	766	2,233	457	4,917	15,585	537,344
6. BNI Sekuritas	9,054	4,974	531,118	441	76	210	9,495	5,050	531,328
7. Valbury Sekuritas Indonesia	19,185	7,958	496,887	3,737	541	409	22,922	8,499	497,296
8. CGS-CIMB Sekuritas Indonesia	9,562	11,374	473,025	1,336	1,352	648	10,898	12,725	473,673
9. MNC Sekuritas	5,703	3,350	450,826	674	352	133	6,378	3,702	450,959
10. Deutsche Sekuritas Indonesia	2,612	9,263	435,228	652	2,719	536	3,264	11,982	435,764
11. Credit Suisse Sekuritas Indonesia	4,210	13,073	356,896	25,024	33,863	1,025	29,234	46,936	357,921
12. RHB Sekuritas Indonesia	7,021	5,882	348,738	1,748	445	567	8,769	6,327	349,305
13. Citigroup Sekuritas Indonesia	2,014	8,157	328,074	949	3,945	866	2,963	12,102	328,940
14. Panin Sekuritas Tbk.	7,156	5,176	308,003	2,265	587	146	9,421	5,763	308,149
15. Lotus Andalan Sekuritas	9,142	3,841	287,431	416	277	193	9,558	4,117	287,624
16. Maybank Kim Eng Sekuritas	5,061	6,269	272,246	1,856	1,119	1,097	6,917	7,388	273,343
17. J.P. Morgan Sekuritas Indonesia	3,132	8,102	270,989	374	979	665	3,506	9,081	271,654
18. Merrill Lynch Sekuritas Indonesia	2,802	7,646	268,005	388	1,257	88	3,190	8,903	268,093
19. Trimegah Sekuritas Indonesia Tbk.	5,837	5,911	266,362	5,914	1,954	165	11,751	7,865	266,527
20. Morgan Stanley Sekuritas Indonesia	2,096	7,897	257,091	1,428	6,169	639	3,524	14,066	257,730
Total of The 20 Firms	178,695	170,112	10,418,739	52,813	60,878	9,892	231,508	230,990	10,428,631
% of Total Transaction	53.5%	61.9%	65.5%	36.8%	36.3%	31.5%	48.5%	52.2%	65.4%
Total Transaction	333,843	274,813	15,914,396	143,478	167,929	31,384	477,321	442,743	15,945,780

Note : Volume in million shares, Value in million IDR

Research and Development Division

APRIL 2018

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mirae Asset Sekuritas Indonesia	25,942	13,536	1,796,093	1,014	233	1,222	26,956	13,769	1,797,315
2. Mandiri Sekuritas	15,294	13,230	991,465	872	1,164	217	16,166	14,394	991,682
3. Indo Premier Sekuritas	11,066	6,620	960,068	1,489	891	722	12,556	7,511	960,790
4. MNC Sekuritas	6,373	3,364	826,559	1,904	2,085	117	8,277	5,449	826,676
5. Phillip Sekuritas Indonesia	7,357	4,479	554,181	25	1	84	7,382	4,480	554,265
6. BNI Sekuritas	7,038	3,911	511,570	502	267	164	7,540	4,178	511,734
7. Valbury Sekuritas Indonesia	15,808	7,202	494,342	4,380	782	486	20,189	7,985	494,828
8. Deutsche Sekuritas Indonesia	2,776	9,500	465,018	430	2,243	533	3,206	11,743	465,551
9. CGS-CIMB Sekuritas Indonesia	7,609	9,840	438,992	1,376	1,234	453	8,985	11,075	439,445
10. UBS Sekuritas Indonesia	2,766	8,492	435,897	337	1,017	354	3,103	9,509	436,251
11. RHB Sekuritas Indonesia	5,595	5,052	349,508	1,934	404	523	7,529	5,456	350,031
12. Credit Suisse Sekuritas Indonesia	2,567	9,212	309,575	961	1,995	1,237	3,529	11,206	310,812
13. Panin Sekuritas Tbk.	5,803	4,629	296,956	690	109	146	6,492	4,739	297,102
14. Maybank Kim Eng Sekuritas	3,919	5,334	269,686	1,151	696	1,165	5,070	6,029	270,851
15. Trimegah Sekuritas Indonesia Tbk.	4,887	4,816	254,973	1,774	1,134	253	6,661	5,950	255,226
16. Lotus Andalan Sekuritas	6,656	3,353	252,449	225	40	200	6,881	3,393	252,649
17. Morgan Stanley Sekuritas Indonesia	1,712	7,336	251,827	1,169	4,253	615	2,882	11,589	252,442
18. Bahana Sekuritas	3,098	5,395	240,018	476	450	230	3,574	5,845	240,248
19. UOB Kay Hian Sekuritas	2,666	2,780	238,278	1,901	918	185	4,567	3,698	238,463
20. CLSA Sekuritas Indonesia	2,095	6,836	231,755	1,351	3,177	417	3,447	10,013	232,172
Total of The 20 Firms	141,028	134,917	10,169,210	23,963	23,094	9,323	164,991	158,011	10,178,533
% of Total Transaction	51.8%	58.9%	63.1%	22.8%	35.9%	26.2%	43.7%	53.9%	63.1%
Total Transaction	272,482	228,947	16,104,542	105,026	64,314	35,550	377,508	293,261	16,140,092

Note : Volume in million shares, Value in million IDR

Research and Development Division

MEI 2018

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mirae Asset Sekuritas Indonesia	21,498	14,913	1,763,771	1,489	354	-18,496	22,987	15,266	1,745,275
2. Mandiri Sekuritas	12,545	15,225	1,041,097	636	1,395	-6,795	13,181	16,621	1,034,302
3. Indo Premier Sekuritas	9,148	7,619	991,154	89	83	-13,286	9,237	7,702	977,868
4. MNC Sekuritas	5,345	3,060	840,101	290	256	-1,894	5,635	3,316	838,207
5. Philip Sekuritas Indonesia	6,166	4,907	591,270	-31	10	-6,398	6,134	4,917	584,872
6. UBS Sekuritas Indonesia	5,017	16,147	582,932	1,265	5,289	304	6,282	21,436	583,236
7. Deutsche Sekuritas Indonesia	3,184	10,591	513,053	720	1,873	433	3,904	12,463	513,486
8. BNI Sekuritas	5,726	4,268	503,906	825	566	-6,495	6,551	4,834	497,411
9. CGS-CIMB Sekuritas Indonesia	7,432	11,440	481,847	1,690	2,986	337	9,123	14,426	482,184
10. Citigroup Sekuritas Indonesia	3,403	11,852	477,063	970	4,236	632	4,373	16,088	477,695
11. Credit Suisse Sekuritas Indonesia	4,194	14,324	474,290	1,794	6,124	1,333	5,989	20,448	475,623
12. Valbury Sekuritas Indonesia	13,284	6,885	391,816	2,535	349	-1,735	15,819	7,235	390,081
13. RHB Sekuritas Indonesia	4,707	5,396	356,858	3,461	957	-778	8,168	6,352	356,080
14. Maybank Kim Eng Sekuritas	7,891	8,785	330,010	5,854	2,070	167	13,745	10,855	330,177
15. Merrill Lynch Sekuritas Indonesia	2,453	8,256	324,584	87	429	74	2,540	8,685	324,658
16. CLSA Sekuritas Indonesia	2,885	8,236	316,532	1,289	4,542	338	4,174	12,778	316,870
17. Panin Sekuritas Tbk.	5,088	6,056	319,004	671	92	-2,634	5,759	6,148	316,370
18. J.P. Morgan Sekuritas Indonesia	2,023	7,184	297,796	323	1,383	903	2,346	8,567	298,699
19. Morgan Stanley Sekuritas Indonesia	2,338	9,366	297,294	1,766	7,331	550	4,104	16,697	297,844
20. Trimegah Sekuritas Indonesia Tbk.	4,664	6,144	273,557	4,365	2,531	-299	9,029	8,675	273,258
Total of The 20 Firms	128,991	180,654	11,167,935	30,089	42,856	-53,739	159,080	223,510	11,114,196
% of Total Transaction	49.8%	64.0%	67.1%	27.1%	52.2%	95.8%	43.0%	61.3%	67.0%
Total Transaction	258,905	282,360	16,640,610	111,043	82,114	-56,068	369,947	364,474	16,584,542

Note : Volume in million shares, Value in million IDR

Research and Development Division

JUNI 2018

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mandiri Sekuritas	7,893	11,108	719,348	1,457	695	794	9,350	11,803	720,142
2. Indo Premier Sekuritas	5,232	5,775	666,162	307	91	3,200	5,540	5,866	669,362
3. MNC Sekuritas	3,071	1,940	536,071	1,523	443	507	4,594	2,383	536,578
4. UBS Sekuritas Indonesia	3,046	10,766	453,420	1,039	2,118	586	4,085	12,884	454,006
5. Deutsche Sekuritas Indonesia	2,147	6,469	365,776	560	1,440	351	2,707	7,909	366,127
6. Phillip Sekuritas Indonesia	3,361	2,999	356,931	52	22	300	3,413	3,021	357,231
7. Citigroup Sekuritas Indonesia	2,166	6,141	351,737	353	1,392	380	2,518	7,533	352,117
8. Credit Suisse Sekuritas Indonesia	2,718	8,834	340,835	491	1,275	492	3,209	10,109	341,327
9. CGS-CIMB Sekuritas Indonesia	4,563	7,945	340,456	2,035	3,635	672	6,598	11,580	341,128
10. BNI Sekuritas	3,046	2,418	312,822	331,781	657	787	334,827	3,074	313,609
11. Ekuator Swarna Sekuritas	1,101	492	279,777	227	151	27	1,327	643	279,804
12. Valbury Sekuritas Indonesia	8,138	4,319	259,835	3,253	491	545	11,391	4,810	260,380
13. RHB Sekuritas Indonesia	2,756	3,791	250,792	2,251	443	489	5,006	4,234	251,281
14. J.P. Morgan Sekuritas Indonesia	1,260	4,886	241,489	432	1,179	334	1,692	6,065	241,823
15. Merrill Lynch Sekuritas Indonesia	1,750	5,725	237,528	66	241	26	1,815	5,966	237,554
16. CLSA Sekuritas Indonesia	2,082	5,900	231,548	863	1,995	285	2,945	7,896	231,833
17. Macquarie Sekuritas Indonesia	2,249	8,911	228,645	834	3,337	2,634	3,083	12,249	231,279
18. Morgan Stanley Sekuritas Indonesia	1,652	6,539	216,013	1,627	4,690	455	3,279	11,229	216,468
19. Panin Sekuritas Tbk.	3,019	3,551	209,171	70	23	647	3,090	3,575	209,818
20. Maybank Kim Eng Sekuritas	4,614	6,183	206,596	1,562	902	1,089	6,175	7,085	207,685
Total of The 20 Firms	65,864	114,693	6,804,952	350,781	25,219	14,600	416,645	139,913	6,819,552
% of Total Transaction	39.8%	61.6%	59.3%	45.8%	43.0%	35.7%	44.7%	57.1%	59.2%
Total Transaction	165,644	186,234	11,471,066	765,548	58,606	40,870	931,193	244,840	11,511,936

Note : Volume in million shares, Value in million IDR

Research and Development Division

JULI 2018

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mandiri Sekuritas	11,645	12,937	1,042,883	932	788	228	12,577	13,725	1,043,111
2. Indo Premier Sekuritas	8,349	7,752	1,036,634	176	964	822	8,525	8,716	1,037,456
3. Phillip Sekuritas Indonesia	6,208	4,915	600,189	250	57	76	6,458	4,972	600,265
4. MNC Sekuritas	4,764	2,781	558,430	726	459	214	5,490	3,241	558,644
5. BNI Sekuritas	5,766	3,996	518,108	2,922	441	176	8,688	4,436	518,284
6. UBS Sekuritas Indonesia	2,602	8,321	468,468	672	2,129	471	3,274	10,450	468,939
7. CGS-CIMB Sekuritas Indonesia	6,299	9,220	444,339	2,452	3,569	630	8,752	12,789	444,969
8. RHB Sekuritas Indonesia	5,324	5,651	428,529	4,533	491	455	9,858	6,142	428,984
9. Deutsche Sekuritas Indonesia	2,234	7,418	408,105	544	1,065	288	2,778	8,484	408,393
10. Valbury Sekuritas Indonesia	17,312	7,654	398,497	7,538	985	570	24,851	8,639	399,067
11. Citigroup Sekuritas Indonesia	1,925	6,314	378,683	1,256	2,775	818	3,181	9,090	379,501
12. Credit Suisse Sekuritas Indonesia	2,664	8,115	348,625	285	1,039	1,000	2,949	9,154	349,625
13. Maybank Kim Eng Sekuritas	4,336	6,295	323,807	771	519	865	5,107	6,814	324,672
14. Panin Sekuritas Tbk.	4,618	4,860	314,509	2,436	537	351	7,055	5,397	314,860
15. Lotus Andalan Sekuritas	8,605	4,184	287,876	1,005	206	163	9,609	4,390	288,039
16. J.P. Morgan Sekuritas Indonesia	1,251	4,720	273,713	312	1,425	824	1,564	6,146	274,537
17. Trimegah Sekuritas Indonesia Tbk.	4,289	4,825	269,535	9,023	3,815	367	13,311	8,640	269,902
18. Morgan Stanley Sekuritas Indonesia	1,768	6,630	268,276	1,223	3,960	550	2,991	10,589	268,826
19. Jasa Utama Capital Sekuritas	4,644	3,746	257,607	278	169	47	4,923	3,915	257,654
20. CLSA Sekuritas Indonesia	3,057	6,985	256,629	1,871	3,209	315	4,928	10,194	256,944
Total of The 20 Firms	107,664	127,320	8,883,442	39,205	28,604	9,230	146,869	155,923	8,892,672
% of Total Transaction	40.0%	53.0%	54.3%	28.5%	38.0%	24.9%	36.1%	49.4%	54.2%
Total Transaction	268,844	240,396	16,364,684	137,767	75,308	37,036	406,611	315,705	16,401,720

Note : Volume in million shares, Value in million IDR

RESEARCH AND DEVELOPMENT | INDONESIA STOCK EXCHANGE

AGUSTUS 2018

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Mandiri Sekuritas	10,679	13,950	1,032,459	2,258	17,183	445	12,937	31,133	1,032,904
2. Indo Premier Sekuritas	8,077	9,519	1,030,416	133	194	597	8,210	9,712	1,031,013
3. Phillip Sekuritas Indonesia	5,256	5,190	561,918	11	0	49	5,267	5,191	561,967
4. UBS Sekuritas Indonesia	3,236	11,395	552,107	1,017	5,168	554	4,253	16,563	552,661
5. CGS-CIMB Sekuritas Indonesia	7,044	11,231	524,197	1,569	2,020	868	8,613	13,251	525,065
6. BNI Sekuritas	5,510	4,976	515,018	143	16	105	5,653	4,992	515,123
7. MNC Sekuritas	4,474	2,730	512,496	100	63	129	4,574	2,793	512,625
8. Deutsche Sekuritas Indonesia	2,659	8,554	415,203	975	6,939	471	3,633	15,493	415,674
9. RHB Sekuritas Indonesia	4,809	6,435	409,917	8,301	1,111	501	13,109	7,546	410,418
10. Citigroup Sekuritas Indonesia	1,986	7,445	399,718	919	3,429	746	2,906	10,874	400,464
11. Credit Suisse Sekuritas Indonesia	2,452	8,075	353,766	2,093	16,973	671	4,545	25,049	354,437
12. Valbury Sekuritas Indonesia	15,741	7,534	349,395	3,651	591	560	19,392	8,126	349,955
13. Panin Sekuritas Tbk.	4,378	5,489	303,143	1,180	232	184	5,559	5,720	303,327
14. J.P. Morgan Sekuritas Indonesia	1,682	6,035	295,001	314	993	639	1,996	7,028	295,640
15. Morgan Stanley Sekuritas Indonesia	2,074	7,654	287,946	2,691	8,058	809	4,764	15,712	288,755
16. Maybank Kim Eng Sekuritas	3,779	6,617	286,788	630	606	842	4,409	7,223	287,630
17. Trimegah Sekuritas Indonesia Tbk.	3,871	5,062	268,098	5,836	2,140	250	9,707	7,202	268,348
18. Bahana Sekuritas	2,555	6,729	263,643	383	410	228	2,937	7,138	263,871
19. Merrill Lynch Sekuritas Indonesia	1,478	6,155	260,318	91	386	86	1,569	6,541	260,404
20. Macquarie Sekuritas Indonesia	2,626	10,463	245,188	1,187	5,186	2,498	3,813	15,649	247,686
Total of The 20 Firms	94,366	151,239	8,866,735	33,481	71,698	11,232	127,846	222,938	8,877,967
% of Total Transaction	37.4%	58.0%	56.1%	26.0%	66.6%	31.5%	33.6%	60.5%	56.0%
Total Transaction	252,419	260,625	15,805,566	128,580	107,604	35,662	380,999	368,229	15,841,228

Note : Volume in million shares, Value in million IDR

RESEARCH AND DEVELOPMENT | INDONESIA STOCK EXCHANGE

SEPTEMBER 2018

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Indo Premier Sekuritas	8,358	7,555	903,270	1,283	2,350	445	9,641	9,906	903,715
2. MNC Sekuritas	4,122	2,317	888,710	808	621	138	4,930	2,937	888,848
3. Mandiri Sekuritas	11,691	10,659	860,862	259	879	626	11,950	11,538	861,488
4. UBS Sekuritas Indonesia	3,371	9,052	453,366	591	1,408	326	3,962	10,460	453,692
5. BNI Sekuritas	4,630	3,229	413,241	114	70	151	4,744	3,299	413,392
6. Phillip Sekuritas Indonesia	4,438	3,529	397,506	10	2	48	4,448	3,530	397,554
7. CGS-CIMB Sekuritas Indonesia	5,805	7,849	377,453	1,639	1,169	323	7,444	9,018	377,776
8. Citigroup Sekuritas Indonesia	1,915	8,121	375,121	1,084	3,995	711	2,999	12,116	375,832
9. Deutsche Sekuritas Indonesia	2,093	7,208	351,143	569	2,486	396	2,662	9,694	351,539
10. Credit Suisse Sekuritas Indonesia	2,994	7,866	335,559	344	1,143	571	3,338	9,009	336,130
11. Valbury Sekuritas Indonesia	17,589	6,671	331,885	4,225	617	452	21,814	7,288	332,337
12. RHB Sekuritas Indonesia	3,788	4,245	302,792	4,933	582	337	8,721	4,827	303,129
13. J.P. Morgan Sekuritas Indonesia	2,723	7,134	279,090	292	1,366	610	3,015	8,501	279,700
14. Morgan Stanley Sekuritas Indonesia	1,958	6,481	257,034	1,308	3,832	570	3,266	10,313	257,604
15. Panin Sekuritas Tbk.	3,659	3,519	253,918	1,168	167	509	4,828	3,686	254,427
16. Maybank Kim Eng Sekuritas	3,386	5,250	243,550	2,114	1,051	1,190	5,499	6,300	244,740
17. Merrill Lynch Sekuritas Indonesia	1,435	5,340	219,798	171	400	108	1,606	5,740	219,906
18. Samuel Sekuritas Indonesia	2,041	1,923	216,113	368	275	21	2,409	2,198	216,134
19. CLSA Sekuritas Indonesia	1,931	5,615	214,312	1,124	2,816	440	3,055	8,431	214,752
20. Bahana Sekuritas	2,345	5,177	207,773	1,128	642	279	3,473	5,819	208,052
Total of The 20 Firms	90,272	118,738	7,882,496	23,532	25,872	8,251	113,804	144,610	7,890,747
% of Total Transaction	37.2%	58.3%	58.0%	20.7%	40.3%	26.5%	32.0%	54.0%	57.9%
Total Transaction	242,507	203,695	13,593,466	113,592	64,220	31,150	356,099	267,915	13,624,616

Note : Volume in million shares, Value in million IDR

RESEARCH AND DEVELOPMENT | INDONESIA STOCK EXCHANGE

OKTOBER 2018

20 Most Active Brokerage Houses in Total Frequency

No. Brokerage Firms	Regular			Non Regular			Total		
	Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1. Indo Premier Sekuritas	9,812	8,792	1,098,555	231	310	273	10,044	9,101	1,098,828
2. Mandiri Sekuritas	20,127	15,871	1,083,758	1,177	1,632	228	21,303	17,504	1,083,986
3. MNC Sekuritas	4,747	2,767	1,018,587	3,221	471	344	7,968	3,238	1,018,931
4. BNI Sekuritas	5,272	4,205	531,165	3,972	1,165	147	9,244	5,370	531,312
5. Phillip Sekuritas Indonesia	5,286	4,191	530,880	6	6	49	5,293	4,197	530,929
6. UBS Sekuritas Indonesia	3,469	8,818	509,792	363	1,102	290	3,832	9,919	510,082
7. CGS-CIMB Sekuritas Indonesia	7,207	10,209	448,830	5,005	3,846	561	12,212	14,055	449,391
8. Deutsche Sekuritas Indonesia	2,507	7,583	418,610	1,866	3,149	623	4,372	10,732	419,233
9. RHB Sekuritas Indonesia	5,297	5,929	404,023	4,726	539	299	10,024	6,468	404,322
10. Valbury Sekuritas Indonesia	18,504	8,340	371,556	5,880	2,428	593	24,384	10,768	372,149
11. Panin Sekuritas Tbk.	4,925	4,495	337,621	1,625	329	189	6,550	4,824	337,810
12. Citigroup Sekuritas Indonesia	1,681	6,340	333,579	523	2,005	512	2,204	8,345	334,091
13. Credit Suisse Sekuritas Indonesia	2,804	6,619	317,321	151	644	812	2,956	7,263	318,133
14. Morgan Stanley Sekuritas Indonesia	2,162	7,437	295,816	1,448	5,742	732	3,610	13,180	296,548
15. CLSA Sekuritas Indonesia	2,925	7,038	280,863	2,072	2,223	351	4,997	9,261	281,214
16. Jasa Utama Capital Sekuritas	8,341	4,461	277,971	506	122	76	8,846	4,583	278,047
17. Maybank Kim Eng Sekuritas	6,227	6,836	267,715	2,770	1,244	1,237	8,997	8,081	268,952
18. J.P. Morgan Sekuritas Indonesia	1,322	5,174	264,235	258	802	414	1,580	5,976	264,649
19. Lotus Andalan Sekuritas	7,733	3,744	262,858	806	205	128	8,539	3,949	262,986
20. Ekuator Swarna Sekuritas	2,289	1,054	256,398	276	216	18	2,565	1,270	256,416
Total of The 20 Firms	122,638	129,902	9,310,133	36,881	28,180	7,876	159,519	158,082	9,318,009
% of Total Transaction	39.8%	53.6%	56.8%	25.4%	40.4%	22.4%	35.2%	50.7%	56.7%
Total Transaction	308,353	242,264	16,403,950	145,181	69,713	35,160	453,534	311,976	16,439,110

Note : Volume in million shares, Value in million IDR

RESEARCH AND DEVELOPMENT | INDONESIA STOCK EXCHANGE

NOVEMBER 2018

20 Most Active Brokerage Houses in Total Frequency

No.	Brokerage Firms	Regular			Non Regular			Total		
		Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1.	Mirae Asset Sekuritas Indonesia	17,595	15,107	1,857,930	1,142	228	459	18,737	15,335	1,858,389
2.	Indo Premier Sekuritas	8,231	10,334	1,121,867	1,729	2,342	752	9,959	12,676	1,122,619
3.	Mandiri Sekuritas	12,728	16,588	1,066,868	310	704	204	13,038	17,292	1,067,072
4.	UBS Sekuritas Indonesia	5,830	18,497	654,275	674	2,499	354	6,504	20,995	654,629
5.	MNC Sekuritas	4,447	3,116	584,280	12,141	1,452	324	16,588	4,568	584,604
6.	CGS-CIMB Sekuritas Indonesia	7,244	12,183	541,321	1,644	2,920	654	8,888	15,103	541,975
7.	BNI Sekuritas	4,610	4,829	519,001	198	54	173	4,808	4,883	519,174
8.	Deutsche Sekuritas Indonesia	3,253	10,908	513,821	1,355	2,703	454	4,608	13,611	514,275
9.	Phillip Sekuritas Indonesia	4,344	4,166	513,343	32	20	101	4,376	4,186	513,444
10.	Credit Suisse Sekuritas Indonesia	3,690	12,485	480,243	544	1,724	965	4,234	14,208	481,208
11.	Citigroup Sekuritas Indonesia	2,391	9,512	427,960	740	3,715	742	3,131	13,227	428,702
12.	CLSA Sekuritas Indonesia	3,086	10,856	410,378	1,051	3,743	515	4,137	14,599	410,893
13.	RHB Sekuritas Indonesia	4,553	6,247	410,164	4,686	344	250	9,239	6,591	410,414
14.	Valbury Sekuritas Indonesia	15,081	7,969	369,535	3,325	796	331	18,406	8,765	369,866
15.	J.P. Morgan Sekuritas Indonesia	2,228	9,217	335,448	343	1,423	535	2,571	10,640	335,983
16.	Panin Sekuritas Tbk.	4,536	5,752	335,044	722	177	182	5,257	5,929	335,226
17.	Maybank Kim Eng Sekuritas	4,562	9,068	322,544	1,246	1,200	885	5,808	10,268	323,429
18.	Merrill Lynch Sekuritas Indonesia	1,750	7,018	321,645	217	618	98	1,967	7,637	321,743
19.	Morgan Stanley Sekuritas Indonesia	2,288	8,184	302,633	1,750	7,513	670	4,038	15,697	303,303
20.	Jasa Utama Capital Sekuritas	5,140	3,859	263,318	820	179	64	5,960	4,039	263,382
Total of The 20 Firms		117,589	185,895	11,351,618	34,667	34,354	8,712	152,257	220,250	11,360,330
% of Total Transaction		42.2%	63.8%	66.8%	25.9%	43.4%	25.7%	36.9%	59.5%	66.7%
Total Transaction		278,582	291,267	16,999,546	133,970	79,202	33,892	412,553	370,469	17,033,438

Note : Volume in million shares, Value in million IDR

RESEARCH AND DEVELOPMENT | INDONESIA STOCK EXCHANGE

DESEMBER 2018

20 Most Active Brokerage Houses in Total Frequency

No.	Brokerage Firms	Regular			Non Regular			Total		
		Vol.	Value	Freq.	Vol.	Value	Freq.	Vol.	Value	Freq.
1.	Mirae Asset Sekuritas Indonesia	16,643	11,841	1,617,140	1,809	1,247	680	18,452	13,088	1,617,820
2.	Mandiri Sekuritas	10,192	12,829	994,604	1,020	1,236	192	11,212	14,066	994,796
3.	Indo Premier Sekuritas	6,909	7,273	901,798	4,317	6,660	785	11,226	13,932	902,583
4.	CGS-CIMB Sekuritas Indonesia	6,570	10,668	558,470	1,213	3,432	636	7,783	14,100	559,106
5.	UBS Sekuritas Indonesia	2,931	9,153	483,768	939	4,113	483	3,870	13,267	484,251
6.	Phillip Sekuritas Indonesia	4,324	3,069	482,097	31	21	70	4,355	3,090	482,167
7.	BNI Sekuritas	4,241	3,957	425,993	459	1,245	143	4,700	5,201	426,136
8.	Ekuator Swarna Sekuritas	525	426	416,071	34	157	10	559	583	416,081
9.	RHB Sekuritas Indonesia	4,296	5,214	394,866	4,721	391	209	9,017	5,605	395,075
10.	Deutsche Sekuritas Indonesia	2,184	7,879	382,262	784	2,591	497	2,968	10,471	382,759
11.	Citigroup Sekuritas Indonesia	1,635	6,658	332,831	623	2,485	607	2,258	9,143	333,438
12.	Credit Suisse Sekuritas Indonesia	2,709	9,006	330,967	332	956	534	3,041	9,962	331,501
13.	Merrill Lynch Sekuritas Indonesia	1,770	7,473	323,903	177	737	200	1,947	8,210	324,103
14.	Maybank Kim Eng Sekuritas	4,472	8,052	314,179	4,304	1,745	1,095	8,775	9,797	315,274
15.	CLSA Sekuritas Indonesia	2,277	7,549	311,632	2,321	5,373	385	4,597	12,922	312,017
16.	MNC Sekuritas	3,872	2,358	282,241	22,691	3,945	430	26,563	6,303	282,671
17.	Valbury Sekuritas Indonesia	15,585	7,665	275,663	17,858	1,705	368	33,443	9,370	276,031
18.	Panin Sekuritas Tbk.	3,443	3,368	265,075	1,715	295	272	5,158	3,663	265,347
19.	J.P. Morgan Sekuritas Indonesia	1,319	5,780	258,254	68	156	424	1,388	5,936	258,678
20.	Macquarie Sekuritas Indonesia	1,799	7,323	223,826	876	3,836	2,024	2,675	11,159	225,850
Total of The 20 Firms		97,695	137,541	9,575,640	66,291	42,328	10,044	163,986	179,868	9,585,684
% of Total Transaction		40.0%	61.0%	66.5%	26.6%	31.6%	28.9%	33.3%	50.0%	66.4%
Total Transaction		244,113	225,450	14,391,528	248,906	133,976	34,760	493,019	359,426	14,426,288

Note : Volume in million shares, Value in million IDR

RESEARCH AND DEVELOPMENT | INDONESIA STOCK EXCHANGE

Lampiran 8 Daftar *Financial Lverage*

No	KODE	TAHUN IPO	TOTAL LIABILITAS	TOTAL EKUITAS	DER
1	AGII	2016	Rp 3.074.583.000.000	Rp 1.878.868.000.000	1,64
2	ARTO	2016	Rp 638.433.274.865	Rp 107.213.682.198	5,95
3	BOGA	2016	Rp 35.119.000.000	Rp 132.479.000.000	0,27
4	CASA	2016	Rp 217.579.040.489	Rp 618.044.339.417	0,35
5	DAYA	2016	Rp 81.850.163.000	Rp 45.148.033.000	1,81
6	JGLE	2016	Rp 2.385.580.910.940	Rp 1.932.132.246.027	1,23
7	MARI	2016	Rp 67.999.817.146	Rp 88.265.241.725	0,77
8	MTRA	2016	Rp 94.768.554.125	Rp 82.493.002.416	1,15
9	PBSA	2016	Rp 378.900.297.180	Rp 377.863.257.159	1,00
10	PRDA	2016	Rp 451.538.673.362	Rp 126.327.355.286	3,57
11	OASA	2016	Rp 1.152.426.070	Rp 13.287.290.286	0,09
12	WSBP	2016	Rp 3.001.582.836.895	Rp 1.330.826.173.352	2,26
13	FIRE	2017	Rp 253.848.789.845	Rp 79.406.423.854	3,20
14	ARMY	2017	Rp 487.980.490.736	Rp 1.136.887.950.751	0,43
15	JMAS	2017	Rp 8.870.896.001	Rp 61.951.539.697	0,14
16	NASA	2017	Rp 91.803.206.151	Rp 798.908.578.190	0,11
17	HOKI	2017	Rp 150.171.012.622	Rp 220.074.121.683	0,68
18	CSIS	2017	Rp 131.033.000.000	Rp 121.098.000.000	1,08
19	CAMP	2017	Rp 478.204.579.246	Rp 552.836.480.764	0,87
20	DWGL	2017	Rp 1.394.207.872.000	Rp 393.054.744.000	3,55
21	FINN	2017	Rp 729.842.537.777	Rp 137.118.800.032	5,32
22	FORZ	2017	Rp 322.739.223.480	Rp 104.860.654.853	3,08
23	HRTA	2017	Rp 501.805.150.742	Rp 569.301.722.481	0,88
24	WOOD	2017	Rp 1.651.841.228.669	Rp 1.430.032.981.826	1,16
25	IPCM	2017	Rp 261.635.773.000	Rp 336.734.422.000	0,78
26	ZINC	2017	Rp 409.878.633.334	Rp 146.965.632.207	2,79
27	KIOS	2017	Rp 36.942.881.974	-Rp 1.203.913.535	-30,69
28	KMTR	2017	Rp 2.754.508.372.783	Rp 1.052.314.350.415	2,62
29	MCAS	2017	Rp 9.834.446.675	Rp 5.608.976.951	1,75
30	MTWI	2017	Rp 163.722.000.000	Rp 102.807.000.000	1,59
31	MAPB	2017	Rp 1.086.176.000.000	Rp 147.652.000.000	7,36
32	MABA	2017	Rp 525.804.762.728	Rp 95.261.498.417	5,52
33	MARK	2017	Rp 90.318.106.019	Rp 80.619.536.441	1,12
34	MPOW	2017	Rp 268.745.388.000	Rp 81.458.634.000	3,30
35	PORT	2017	Rp 1.430.661.741.000	Rp 620.661.957.000	2,31
36	PBID	2017	Rp 562.000.000.000	Rp 791.000.000.000	0,71
37	PCAR	2017	Rp 68.406.948.295	-Rp 25.769.487.066	-2,65
38	MINA	2017	Rp 3.487.103.929	Rp 113.626.068.097	0,03
39	CLEO	2017	Rp 265.127.107.591	Rp 198.161.486.379	1,34
40	TGRA	2017	Rp 21.412.265.867	Rp 257.574.658.530	0,08
41	TOPS	2017	Rp 2.160.519.453.703	Rp 634.911.481.085	3,40
42	BELL	2017	Rp 196.328.164.557	Rp 191.653.147.639	1,02
43	WEGE	2017	Rp 1.383.690.425.803	Rp 645.247.574.705	2,14
44	ANDI	2018	Rp 352.633.000.000	Rp 128.768.000.000	2,74
45	DIGI	2018	Rp 10.411.234.175	Rp 5.715.582.987	1,82
46	BRIS	2018	Rp 28.940.543.000.000	Rp 2.602.841.000.000	11,12
47	BTPS	2018	Rp 6.901.876.000.000	Rp 2.254.646.000.000	3,06
48	BPTR	2018	Rp 200.366.466.563	Rp 130.095.489.773	1,54

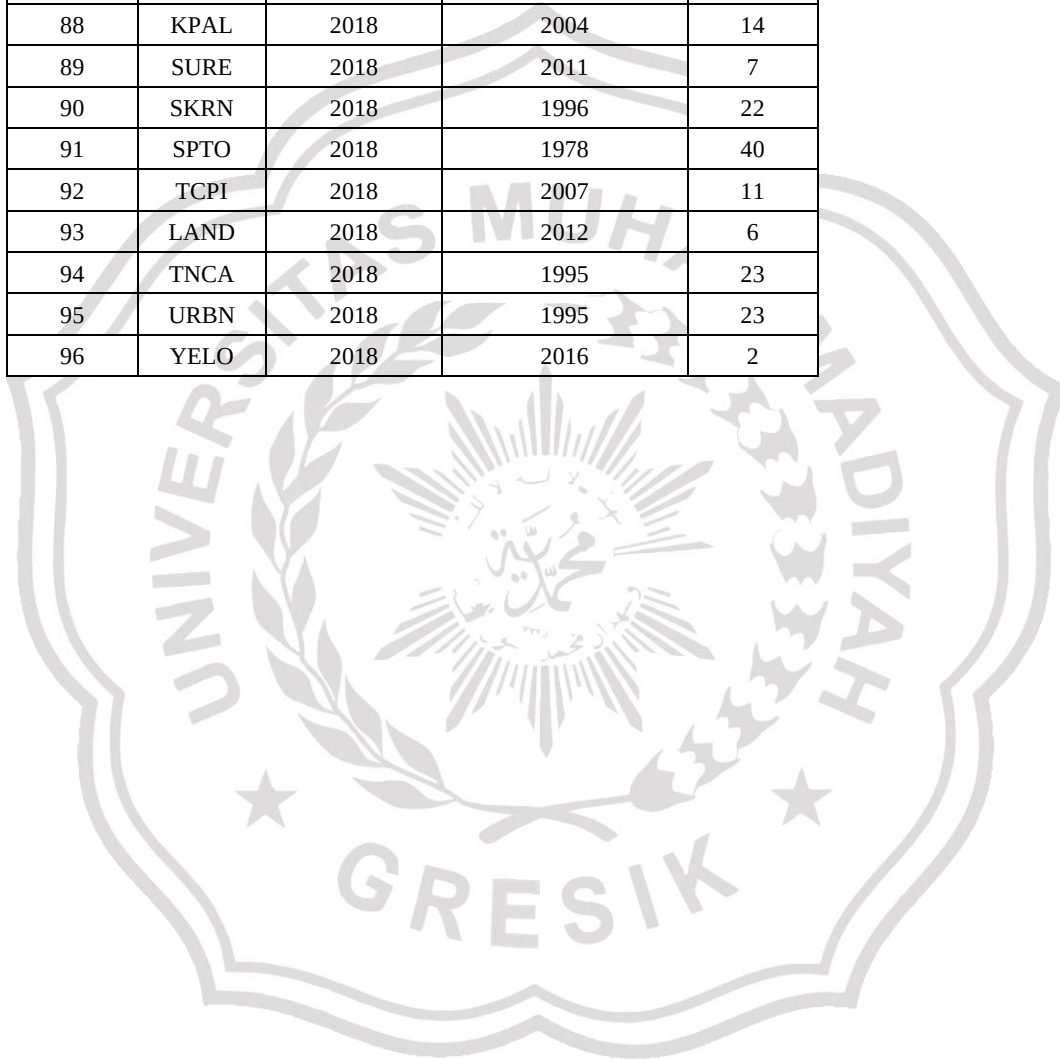
49	BOSS	2018	Rp	350.797.573.097	Rp	15.161.773.031	23,14
50	NICK	2018	Rp	21.598.765.140	Rp	25.902.721.160	0,83
51	KPAS	2018	Rp	101.342.835.628	Rp	86.931.174.324	1,17
52	DFAM	2018	Rp	273.807.840.287	Rp	7.111.103.364	38,50
53	DEAL	2018	Rp	132.485.195.278	Rp	17.263.021.998	7,67
54	DIVA	2018	Rp	129.591.961.809	Rp	16.959.541.038	7,64
55	GOOD	2018	Rp	2.305.037.876.675	Rp	1.259.180.214.953	1,83
56	GHON	2018	Rp	273.826.582.000	Rp	149.487.187.000	1,83
57	TRUK	2018	Rp	16.470.284.392	Rp	42.255.273.306	0,39
58	HKMU	2018	Rp	742.518.559.806	Rp	307.163.086.243	2,42
59	INPS	2018	Rp	340.268.557.674	Rp	131.009.247.363	2,60
60	IPCC	2018	Rp	97.689.861.000	Rp	237.047.676.000	0,41
61	DUCK	2018	Rp	210.717.544.926	Rp	318.225.112.304	0,66
62	RISE	2018	Rp	329.744.835.307	Rp	1.450.762.590.527	0,23
63	HELI	2018	Rp	156.129.000.000	Rp	63.430.000.000	2,46
64	SATU	2018	Rp	209.090.668.556	Rp	60.615.955.049	3,45
65	LCKM	2018	Rp	10.005.721.812	Rp	85.621.841.644	0,12
66	MOLI	2018	Rp	449.318.780.930	Rp	1.068.297.894.703	0,42
67	MGRO	2018	Rp	550.197.703.601	Rp	414.514.917.129	1,33
68	MAPA	2018	Rp	1.813.778.033.000	Rp	981.604.500.000	1,85
69	FILM	2018	Rp	55.052.198.872	Rp	146.331.811.643	0,38
70	ZONE	2018	Rp	173.062.911.571	Rp	144.075.975.765	1,20
71	MSIN	2018	Rp	467.034.372.376	Rp	409.359.312.454	1,14
72	CITY	2018	Rp	323.615.682.992	Rp	238.132.104.343	1,36
73	NFCX	2018	Rp	3.195.379.835	Rp	19.932.007.111	0,16
74	PEHA	2018	Rp	474.550.000.000	Rp	701.390.000.000	0,68
75	POLL	2018	Rp	2.227.163.097.324	Rp	1.085.358.291.656	2,05
76	POLA	2018	Rp	15.584.089.452	Rp	258.315.893.273	0,06
77	PANI	2018	Rp	37.246.386.852	Rp	39.008.133.521	0,95
78	MPRO	2018	Rp	1.746.697.008.000	Rp	444.638.559.000	3,93
79	PRIM	2018	Rp	56.029.680.502	Rp	254.076.129.115	0,22
80	PZZA	2018	Rp	1.124.308.921.083	Rp	369.696.157.953	3,04
81	SAPX	2018	Rp	43.418.996.348	Rp	553.651.138	78,42
82	SOTS	2018	Rp	135.809.586.089	Rp	223.384.332.544	0,61
83	LUCK	2018	Rp	28.337.863.015	Rp	71.999.012.241	0,39
84	SOSS	2018	Rp	128.626.237.102	Rp	40.178.936.383	3,20
85	NUSA	2018	Rp	63.217.229.971	Rp	604.074.666.429	0,10
86	JSKY	2018	Rp	328.152.478.066	Rp	104.145.822.027	3,15
87	SWAT	2018	Rp	160.744.840.635	Rp	251.692.750.143	0,64
88	KPAL	2018	Rp	529.734.136.367	Rp	136.053.336.610	3,89
89	SURE	2018	Rp	466.584.680.433	Rp	110.559.832.911	4,22
90	SKRN	2018	Rp	841.408.837.548	Rp	391.289.446.064	2,15
91	SPTO	2018	Rp	1.246.818.748.373	Rp	773.061.604.066	1,61
92	TCPI	2018	Rp	358.357.000.000	Rp	486.638.000.000	0,74
93	LAND	2018	Rp	188.340.276.811	Rp	218.195.766.811	0,86
94	TNCA	2018	Rp	11.682.223.128	Rp	9.888.957.616	1,18
95	URBN	2018	Rp	753.749.469.063	Rp	268.601.759.937	2,81
96	YELO	2018	Rp	2.254.855.746	Rp	3.355.394.265	0,67

Lampiran 9 Daftar Umur Perusahaan Saat IPO

No	KODE	TAHUN IPO	TAHUN BERDIRI	U
1	AGII	2016	1971	45
2	ARTO	2016	1992	24
3	BOGA	2016	2011	5
4	CASA	2016	2009	7
5	DAYA	2016	2005	11
6	JGLE	2016	1988	28
7	MARI	2016	2006	10
8	MTRA	2016	1980	36
9	PBSA	2016	2002	14
10	PRDA	2016	1988	28
11	OASA	2016	2006	10
12	WSBP	2016	2014	2
13	FIRE	2017	2015	2
14	ARMY	2017	1994	23
15	JMAS	2017	2014	3
16	NASA	2017	2014	3
17	HOKI	2017	2003	14
18	CSIS	2017	1995	22
19	CAMP	2017	1972	45
20	DWGL	2017	2003	14
21	FINN	2017	1981	36
22	FORZ	2017	2012	5
23	HRTA	2017	2004	13
24	WOOD	2017	1989	28
25	IPCM	2017	2013	4
26	ZINC	2017	2005	12
27	KIOS	2017	2015	2
28	KMTR	2017	1991	26
29	MCAS	2017	2010	7
30	MTWI	2017	1952	65
31	MAPB	2017	2013	4
32	MABA	2017	2009	8
33	MARK	2017	2002	15
34	MPOW	2017	2007	10
35	PORT	2017	2004	13
36	PBID	2017	1991	26
37	PCAR	2017	2014	3
38	MINA	2017	1993	24

39	CLEO	2017	2003	14
40	TGRA	2017	1995	22
41	TOPS	2017	1996	21
42	BELL	2017	1971	46
43	WEGE	2017	2008	9
44	ANDI	2018	1995	23
45	DIGI	2018	2012	6
46	BRIS	2018	1969	49
47	BTPS	2018	1991	27
48	BPTR	2018	2014	4
49	BOSS	2018	2013	5
50	NICK	2018	2007	11
51	KPAS	2018	1993	25
52	DFAM	2018	2011	7
53	DEAL	2018	1995	23
54	DIVA	2018	2004	14
55	GOOD	2018	1994	24
56	GHON	2018	2001	17
57	TRUK	2018	1980	38
58	HKMU	2018	2010	8
59	INPS	2018	1988	30
60	IPCC	2018	2012	6
61	DUCK	2018	2013	5
62	RISE	2018	2003	15
63	HELI	2018	2007	11
64	SATU	2018	2012	6
65	LCKM	2018	2013	5
66	MOLI	2018	1959	59
67	MGRO	2018	2011	7
68	MAPA	2018	2015	3
69	FILM	2018	2002	16
70	ZONE	2018	2005	13
71	MSIN	2018	2000	18
72	CITY	2018	2011	7
73	NFCX	2018	2013	5
74	PEHA	2018	1957	61
75	POLL	2018	2014	4
76	POLA	2018	2001	17
77	PANI	2018	2000	18
78	MPRO	2018	2004	14
79	PRIM	2018	2013	5

80	PZZA	2018	1987	31
81	SAPX	2018	2014	4
82	SOTS	2018	2004	14
83	LUCK	2018	2008	10
84	SOSS	2018	2004	14
85	NUSA	2018	2014	4
86	JSKY	2018	2008	10
87	SWAT	2018	1990	28
88	KPAL	2018	2004	14
89	SURE	2018	2011	7
90	SKRN	2018	1996	22
91	SPTO	2018	1978	40
92	TCPI	2018	2007	11
93	LAND	2018	2012	6
94	TNCA	2018	1995	23
95	URBN	2018	1995	23
96	YELO	2018	2016	2



Lampiran 10 Output IBM SPSS Statistics 25

Output Data Hasil Statistik Deskriptif

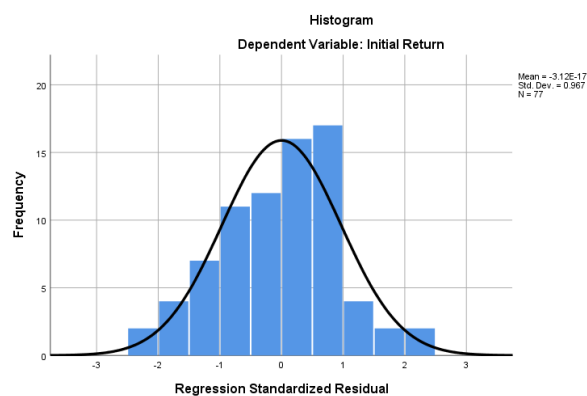
Descriptive Statistics					
	N	Minimum	Maximum	Mean	Std. Deviation
Initial Return	96	.45	70.00	47.3706	23.80665
Return On Asset	96	-39.05	38.88	4.2294	10.59783
Earning Per Share	96	-180.52	3137.37	127.8596	363.07121
Reputasi Underwriter	96	0	1	.44	.499
Debt Equity Ratio	96	-30.69	78.42	2.9599	9.71336
Umur	96	2	65	16.96	13.876
Valid N (listwise)	96				

Variables Entered/Removed ^a			
Model	Variables Entered	Variables Removed	Method
1	Umur, Earning Per Share, Reputasi Underwriter, Debt Equity Ratio, Return On Asset ^b		Enter

a. Dependent Variable: Initial Return

b. All requested variables entered.

Output Histogram



Output Data Hasil Uji Kolmogorov Smirnov 77 sampel

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		96
Normal Parameters ^{a,b}	Mean	.0000000
	Std. Deviation	21.32317069
Most Extreme Differences	Absolute	.152
	Positive	.094
	Negative	-.152
Test Statistic		.152
Asymp. Sig. (2-tailed)		.000 ^c

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

Output Data Hasil Uji Kolmogorov Smirnov 77 sampel

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		77
Normal Parameters ^{a,b}	Mean	.0000000
	Std. Deviation	19.23915164
Most Extreme Differences	Absolute	.083
	Positive	.057
	Negative	-.083
Test Statistic		.083
Asymp. Sig. (2-tailed)		.200 ^{c,d}

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. This is a lower bound of the true significance.

Output Data Hasil Uji T dan Uji Multikolinieritas

Coefficients ^a							
Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
	B	Std. Error	Beta			Tolerance	VIF
1 (Constant)	75.265	5.187		14.511	.000		
Return On Asset	-1.470	.422	-.385	-3.485	.001	.716	1.396
Earning Per Share	-.002	.006	-.037	-.367	.715	.862	1.160
Reputasi Underwriter	-12.607	4.845	-.258	-2.602	.011	.889	1.125
Debt Equity Ratio	-1.631	1.249	-.133	-1.306	.196	.846	1.182
Umur	-.713	.201	-.342	-3.552	.001	.942	1.062

a. Dependent Variable: Initial Return

Output Data Hasil Uji Koefisien Determinasi dan Uji Autokorelasi

Model Summary ^b										
Model	R	R Square		Std. Error of the Estimate	R Square Change	Change Statistics			Sig. F Change	Durbin-Watson
		Adjusted R Square	R Square			F Change	df1	df2		
1	.616 ^a	.379	.336	19.90506	.379	8.677	5	71	.000	1.991

a. Predictors: (Constant), Umur, Earning Per Share, Reputasi Underwriter, Debt Equity Ratio, Return On Asset

b. Dependent Variable: Initial Return

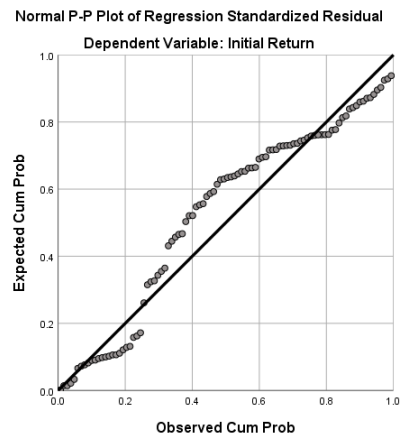
Output Data Hasil Uji F

ANOVA ^a						
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	17189.023	5	3437.805	8.677	.000 ^b
	Residual	28131.017	71	396.212		
	Total	45320.040	76			

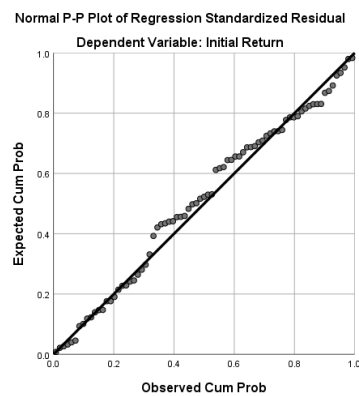
a. Dependent Variable: Initial Return

b. Predictors: (Constant), Umur, Earning Per Share, Reputasi Underwriter, Debt Equity Ratio, Return On Asset

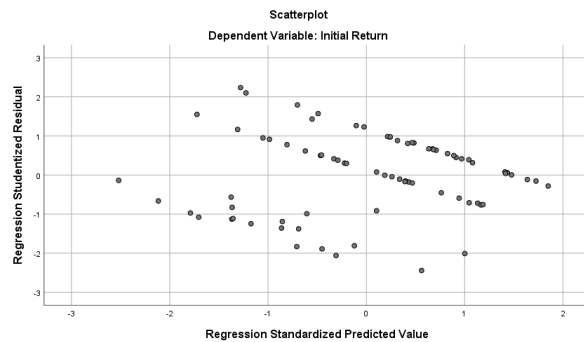
Output Data Hasil Uji Normalitas 96 Sampel



Output Data Hasil Uji Normalitas 77 Sampel



Output Data Hasil Uji Heteroskedastisitas



Lampiran 11 Daftar Tabel Z-Score

No	KODE	TAHUN IPO	ZIR	ZROA	ZEPS	ZRU	ZDER	ZU
1	AGII	2016	-1.76088	-0.30755	-0.14906	1.12797	-0.13588	2.02086
2	ARTO	2016	-0.68513	-0.40285	-0.20535	-0.87731	0.30783	0.50747
3	BOGA	2016	0.94635	-0.30472	-0.2034	1.12797	-0.27693	-0.86179
4	CASA	2016	0.9182	-0.36511	-0.20374	-0.87731	-0.26869	-0.71766
5	DAYA	2016	-1.77978	-3.0015	-0.26878	-0.87731	-0.11838	-0.4294
6	JGLE	2016	-0.99975	-0.9558	-0.30181	-0.87731	-0.17809	0.79573
7	MARI	2016	-1.87765	1.54566	0.0659	-0.87731	-0.22545	-0.50146
8	MTRA	2016	-1.33117	0.97101	-0.07082	-0.87731	-0.18633	1.37227
9	PBSA	2016	-1.77978	2.80609	0.31518	1.12797	-0.20177	-0.2132
10	PRDA	2016	-1.92512	0.56433	0.07309	1.12797	0.06281	0.79573
11	OASA	2016	0.92829	1.58623	-0.18749	-0.87731	-0.29546	-0.50146
12	WSBP	2016	-1.56135	0.32937	-0.17629	1.12797	-0.07205	-1.07799
13	FIRE	2017	0.11045	-0.23584	-0.18732	1.12797	0.02472	-1.07799
14	ARMY	2017	0.11045	0.63981	-0.10798	-0.87731	-0.26046	0.4354
15	JMAS	2017	0.95055	-0.54911	-0.20671	1.12797	-0.29031	-1.00593
16	NASA	2017	0.94635	-0.39719	-0.20417	-0.87731	-0.2934	-1.00593
17	HOKI	2017	-1.52901	0.71813	-0.14908	1.12797	-0.23472	-0.2132
18	CSIS	2017	0.11045	-0.15658	-0.17662	-0.87731	-0.19354	0.36334
19	CAMP	2017	0.09785	0.08309	-0.15174	1.12797	-0.21516	2.02086
20	DWGL	2017	0.92241	-1.16999	-0.24571	-0.87731	0.06075	-0.2132
21	FINN	2017	0.93039	-0.33208	-0.19717	-0.87731	0.24298	1.37227
22	FORZ	2017	0.11045	-0.2264	-0.18218	-0.87731	0.01236	-0.86179
23	HRTA	2017	-1.54161	1.11255	-0.06747	1.12797	-0.21413	-0.28526
24	WOOD	2017	-1.66679	0.03308	-0.1048	1.12797	-0.1853	0.79573
25	IPCM	2017	-1.7466	1.44658	-0.11938	1.12797	-0.22442	-0.93386
26	ZINC	2017	0.95055	-0.68971	-0.23168	1.12797	-0.01749	-0.35733
27	KIOS	2017	0.11045	-3.38271	-0.27058	-0.87731	-3.46429	-1.07799
28	KMTR	2017	0.09196	0.12084	-0.04376	-0.87731	-0.03499	0.6516
29	MCAS	2017	0.08776	1.28712	-0.19302	1.12797	-0.12456	-0.71766
30	MTWI	2017	0.95055	-0.57647	-0.21845	-0.87731	-0.14103	3.46219
31	MAPB	2017	0.11045	0.48789	4.40223	1.12797	0.453	-0.93386
32	MABA	2017	0.93543	-0.90767	-0.26639	-0.87731	0.26357	-0.6456
33	MARK	2017	0.09365	0.68227	-0.09637	-0.87731	-0.18942	-0.14113
34	MPOW	2017	0.95055	-0.116	-0.16648	1.12797	0.03501	-0.50146
35	PORT	2017	-1.67561	0.03308	-0.06068	-0.87731	-0.06691	-0.28526
36	PBID	2017	-1.84153	0.56338	0.11996	-0.87731	-0.23163	0.6516
37	PCAR	2017	0.92241	-2.69672	-0.22382	-0.87731	-0.57754	-1.00593
38	MINA	2017	0.93039	-0.61422	-0.21318	-0.87731	-0.30164	0.50747

39	CLEO	2017	0.93249	0.40014	-0.12736	-0.87731	-0.16677	-0.2132
40	TGRA	2017	0.95055	-0.39342	-0.20396	-0.87731	-0.29649	0.36334
41	TOPS	2017	0.09701	0.28031	-0.09776	1.12797	0.04531	0.29127
42	BELL	2017	-1.17785	-0.21225	-0.18166	-0.87731	-0.19971	2.09293
43	WEGE	2017	-1.90286	0.26709	-0.16029	1.12797	-0.08441	-0.57353
44	ANDI	2018	0.95055	-0.60478	-0.22275	-0.87731	-0.02264	0.4354
45	DIGI	2018	0.95055	-0.09713	-2.50119	1.12797	-0.11735	-0.78973
46	BRIS	2018	-1.70165	-0.36888	-0.17027	1.12797	0.84009	2.30913
47	BTPS	2018	0.09953	0.29163	2.56213	-0.87731	0.01031	0.72367
48	BPTR	2018	0.95055	-0.30472	-2.79696	1.12797	-0.14618	-0.93386
49	BOSS	2018	0.11045	-0.51608	-0.21425	-0.87731	2.67756	-0.86179
50	NICK	2018	0.95055	0.3256	-0.18815	1.12797	-2.51927	-0.4294
51	KPAS	2018	0.91064	-0.25565	-0.19483	-0.87731	-0.18427	0.57953
52	DFAM	2018	0.93249	-0.71801	-0.22512	-0.87731	3.65889	-0.71766
53	DEAL	2018	0.92241	-0.41512	-0.20496	-0.87731	0.48491	0.4354
54	DIVA	2018	-1.51977	-0.18772	-0.19074	1.12797	0.48182	-0.2132
55	GOOD	2018	0.10247	0.5162	8.49558	1.12797	-0.11632	0.50747
56	GHON	2018	0.11045	0.41901	0.00719	1.12797	-0.11632	0.003
57	TRUK	2018	0.09238	-0.16979	-0.19583	-0.87731	-0.26457	1.5164
58	HKMU	2018	0.09238	-0.12827	-0.17827	-0.87731	-0.05558	-0.6456
59	INPS	2018	0.11045	-0.60478	-0.26458	-0.87731	-0.03705	0.93987
60	IPCC	2018	-1.79784	3.2696	0.02097	1.12797	-0.26251	-0.78973
61	DUCK	2018	0.08944	0.86816	-0.08228	1.12797	-0.23678	-0.86179
62	RISE	2018	0.92241	-0.33492	-0.19706	-0.87731	-0.28105	-0.14113
63	HELI	2018	0.95055	-0.00466	-0.17186	-0.87731	-0.05146	-0.4294
64	SATU	2018	0.9182	-0.23489	-0.19594	1.12797	0.05046	-0.78973
65	LCKM	2018	0.11045	0.11518	-0.18127	1.12797	-0.29237	-0.86179
66	MOLI	2018	0.11045	0.14537	0.01569	-0.87731	-0.26148	3.02979
67	MGRO	2018	0.09196	-0.23018	-0.18263	1.12797	-0.1678	-0.71766
68	MAPA	2018	0.11045	0.58886	2.89862	1.12797	-0.11426	-1.00593
69	FILM	2018	0.09028	2.45339	-0.16322	-0.87731	-0.2656	-0.06906
70	ZONE	2018	0.09617	0.49922	-0.06928	-0.87731	-0.18118	-0.28526
71	MSIN	2018	-1.77978	0.89364	-0.13644	1.12797	-0.18736	0.07507
72	CITY	2018	0.95055	1.36921	-0.16856	1.12797	-0.16471	-0.71766
73	NFCX	2018	0.09911	-0.37266	-0.20388	1.12797	-0.28825	-0.86179
74	PEHA	2018	0.11045	0.60584	-0.07285	-0.87731	-0.23472	3.17393
75	POLL	2018	0.09323	-0.11412	-0.13357	-0.87731	-0.09367	-0.93386
76	POLA	2018	0.90392	0.32748	-0.18101	-0.87731	-0.29855	0.003
77	PANI	2018	0.92703	-0.3887	-0.20372	-0.87731	-0.20692	0.07507
78	MPRO	2018	0.95055	-0.48683	-0.21622	-0.87731	0.09987	-0.2132
79	PRIM	2018	0.11045	0.02931	-0.19389	1.12797	-0.28208	-0.86179

80	PZZA	2018	-1.9709	0.49356	0.00176	1.12797	0.00825	1.01193
81	SAPX	2018	0.09365	-4.0838	-0.23913	-0.87731	7.76869	-0.93386
82	SOTS	2018	0.93795	-0.63403	-0.22395	-0.87731	-0.24192	-0.2132
83	LUCK	2018	0.09575	0.55678	-0.14633	1.12797	-0.26457	-0.50146
84	SOSS	2018	0.11045	0.28314	-0.1326	-0.87731	0.02472	-0.2132
85	NUSA	2018	0.92241	-0.53496	-0.21127	-0.87731	-0.29443	-0.93386
86	JSKY	2018	0.11045	0.09631	-0.10594	1.12797	0.01957	-0.50146
87	SWAT	2018	0.95055	-0.38021	-0.20314	-0.87731	-0.23884	0.79573
88	KPAL	2018	0.93249	-0.25565	-0.17883	-0.87731	0.09576	-0.2132
89	SURE	2018	0.9098	-0.68216	-0.26788	-0.87731	0.12973	-0.71766
90	SKRN	2018	0.11045	0.31711	0.07056	1.12797	-0.08338	0.36334
91	SPTO	2018	-1.88101	0.63604	0.07462	1.12797	-0.13897	1.66053
92	TCPI	2018	0.93249	0.59169	-0.12609	-0.87731	-0.22854	-0.4294
93	LAND	2018	0.11045	-0.10374	-0.18973	-0.87731	-0.21619	-0.78973
94	TNCA	2018	0.92241	0.61339	-0.19402	1.12797	-0.18324	0.4354
95	URBN	2018	0.11045	-0.30283	-0.17883	1.12797	-0.01543	0.4354
96	YELO	2018	0.06592	0.24539	-0.20162	-0.87731	-0.23575	-1.07799

