

LAMPIRAN

1. Uji Stasioner pada Level Variabel Obligasi Syariah

Null Hypothesis: SUK has a unit root
 Exogenous: Constant
 Lag Length: 0 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	1.123969	0.9975
Test critical values: 1% level	-3.500669	
5% level	-2.892200	
10% level	-2.583192	

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: INF has a unit root
 Exogenous: Constant
 Lag Length: 1 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-2.118184	0.2382
Test critical values: 1% level	-3.504727	
5% level	-2.893956	
10% level	-2.584126	

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: KURS has a unit root
 Exogenous: Constant
 Lag Length: 0 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-0.800710	0.8141
Test critical values: 1% level	-3.500669	
5% level	-2.892200	
10% level	-2.583192	

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: JUB has a unit root
 Exogenous: Constant
 Lag Length: 2 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-0.380954	0.9070

Test critical values:	1% level	-3.502238
	5% level	-2.892879
	10% level	-2.583553

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: IPI has a unit root
 Exogenous: Constant
 Lag Length: 2 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-0.710362	0.8383
Test critical values:	1% level	-3.502238
	5% level	-2.892879
	10% level	-2.583553

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: IHSG has a unit root
 Exogenous: Constant
 Lag Length: 0 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-1.533548	0.5124
Test critical values:	1% level	-3.500669
	5% level	-2.892200
	10% level	-2.583192

*MacKinnon (1996) one-sided p-values.

2. Uji Stasioner pada *Ist Deferent*

Null Hypothesis: D(SUK) has a unit root
 Exogenous: Constant
 Lag Length: 2 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-9.380224	0.0000
Test critical values:	1% level	-3.503049
	5% level	-2.893230
	10% level	-2.583740

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: D(INF) has a unit root
 Exogenous: Constant

Lag Length: 1 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-7.132638	0.0000
Test critical values:		
1% level	-3.506484	
5% level	-2.894716	
10% level	-2.584529	

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: D(KURS) has a unit root

Exogenous: Constant

Lag Length: 0 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-10.74975	0.0000
Test critical values:		
1% level	-3.501445	
5% level	-2.892536	
10% level	-2.583371	

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: D(JUB) has a unit root

Exogenous: Constant

Lag Length: 1 (Automatic - based on SIC, maxlag=10)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-10.32607	0.0000
Test critical values:		
1% level	-3.502238	
5% level	-2.892879	
10% level	-2.583553	

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: D(IPI) has a unit root

Exogenous: Constant

Lag Length: 1 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-12.23066	0.0001
Test critical values:		
1% level	-3.502238	
5% level	-2.892879	
10% level	-2.583553	

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: D(IHSG) has a unit root

Exogenous: Constant
Lag Length: 0 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-10.85134	0.0000
Test critical values:		
1% level	-3.501445	
5% level	-2.892536	
10% level	-2.583371	

*MacKinnon (1996) one-sided p-values.

3. Hasil Estimasi VECM pada Obligasi Syariah

Vector Error Correction Estimates
Date: 11/04/19 Time: 09:19
Sample (adjusted): 2011M04 2018M12
Included observations: 88 after adjustments
Standard errors in () & t-statistics in []

Cointegrating Eq:	CointEq1					
SUK(-1)	1.000000					
INF(-1)	-955450.8 (840380.) [-1.13693]					
KURS(-1)	175.1101 (2418.66) [0.07240]					
JUB(-1)	-595.2296 (9023.62) [-0.06596]					
IPI(-1)	-773241.6 (377054.) [-2.05075]					
IHSG(-1)	12178.35 (3818.75) [3.18909]					
C	39390558					
Error Correction:	D(SUK)	D(INF)	D(KURS)	D(JUB)	D(IPI)	D(IHSG)
CointEq1	-1.192697 (0.17009) [-7.01201]	3.04E-08 (1.1E-08) [2.86226]	-1.02E-06 (5.3E-06) [-0.19435]	-6.09E-07 (7.8E-07) [-0.77982]	4.90E-08 (7.5E-08) [0.64925]	4.32E-08 (3.8E-06) [0.01125]

D(SUK(-1))	0.098417 (0.14045) [0.70070]	-1.05E-08 (8.8E-09) [-1.19407]	6.12E-06 (4.3E-06) [1.41099]	1.68E-07 (6.5E-07) [0.26020]	-6.92E-08 (6.2E-08) [-1.11107]	-2.77E-06 (3.2E-06) [-0.87401]
D(SUK(-2))	0.071301 (0.10062) [0.70861]	-9.30E-09 (6.3E-09) [-1.48105]	8.66E-07 (3.1E-06) [0.27878]	-9.69E-08 (4.6E-07) [-0.20954]	-7.04E-08 (4.5E-08) [-1.57667]	8.68E-07 (2.3E-06) [0.38177]
D(INF(-1))	-2936174. (1810727) [-1.62154]	0.380230 (0.11301) [3.36455]	124.3840 (55.9125) [2.22462]	0.901063 (8.32006) [0.10830]	-0.126829 (0.80302) [-0.15794]	-114.7072 (40.9138) [-2.80363]
D(INF(-2))	1058538. (1917725) [0.55198]	-0.252979 (0.11969) [-2.11365]	30.05640 (59.2164) [0.50757]	1.849921 (8.81170) [0.20994]	-1.361641 (0.85048) [-1.60103]	57.41528 (43.3314) [1.32503]
D(KURS(-1))	2506.271 (4000.33) [0.62652]	0.000168 (0.00025) [0.67254]	-0.177304 (0.12352) [-1.43538]	0.023182 (0.01838) [1.26119]	0.002980 (0.00177) [1.67952]	-0.149266 (0.09039) [-1.65138]
D(KURS(-2))	-14682.52 (4330.35) [-3.39061]	0.000276 (0.00027) [1.02110]	-0.116249 (0.13371) [-0.86938]	-0.047304 (0.01990) [-2.37741]	0.000196 (0.00192) [0.10192]	-0.002491 (0.09785) [-0.02546]
D(JUB(-1))	-8003.565 (27155.2) [-0.29473]	-0.003563 (0.00169) [-2.10224]	-1.631176 (0.83851) [-1.94532]	-0.338582 (0.12477) [-2.71355]	-0.002232 (0.01204) [-0.18537]	1.964331 (0.61358) [3.20144]
D(JUB(-2))	-37859.34 (28267.1) [-1.33934]	-0.000331 (0.00176) [-0.18783]	0.273495 (0.87284) [0.31334]	-0.109247 (0.12988) [-0.84111]	0.013194 (0.01254) [1.05246]	0.106990 (0.63870) [0.16751]
D(IPI(-1))	-652088.3 (258268.) [-2.52485]	0.002475 (0.01612) [0.15354]	-3.373395 (7.97491) [-0.42300]	0.660464 (1.18671) [0.55655]	-0.519824 (0.11454) [-4.53848]	-1.471752 (5.83561) [-0.25220]
D(IPI(-2))	-402216.6 (240021.) [-1.67576]	0.009581 (0.01498) [0.63958]	-1.076124 (7.41148) [-0.14520]	0.889186 (1.10287) [0.80625]	-0.361787 (0.10644) [-3.39882]	-6.478885 (5.42332) [-1.19463]
D(IHSG(-1))	10602.55 (5497.14) [1.92874]	-0.000461 (0.00034) [-1.34459]	-0.251217 (0.16974) [-1.47998]	-0.033525 (0.02526) [-1.32727]	-0.001771 (0.00244) [-0.72631]	-0.118727 (0.12421) [-0.95587]
D(IHSG(-2))	7941.020 (5219.29) [1.52147]	-0.000340 (0.00033) [-1.04305]	-0.202668 (0.16116) [-1.25753]	-0.004730 (0.02398) [-0.19722]	-0.000730 (0.00231) [-0.31548]	-0.029952 (0.11793) [-0.25398]
C	2399427. (1792202) [1.33882]	0.072168 (0.11185) [0.64520]	155.1154 (55.3405) [2.80293]	53.69484 (8.23494) [6.52037]	0.246550 (0.79481) [0.31020]	-34.98874 (40.4952) [-0.86402]
R-squared	0.682503	0.291714	0.186830	0.273770	0.360301	0.212425
Adj. R-squared	0.626727	0.167285	0.043976	0.146189	0.247922	0.074067

Sum sq. resids	6.21E+15	24.20425	5924773.	131191.9	1222.112	3172433.
S.E. equation	9163556.	0.571913	282.9567	42.10538	4.063869	207.0525
F-statistic	12.23640	2.344430	1.307841	2.145853	3.206112	1.535330
Log likelihood	-1527.948	-68.07102	-614.0285	-446.3781	-240.6306	-586.5442
Akaike AIC	35.04428	1.865250	14.27337	10.46314	5.787058	13.64873
Schwarz SC	35.43840	2.259372	14.66750	10.85726	6.181180	14.04285
Mean dependent	2116.466	-0.054886	66.89773	36.21927	0.370227	23.00432
S.D. dependent	14998595	0.626732	289.3914	45.56766	4.686064	215.1744

Determinant resid covariance (dof adj.)	2.03E+27
Determinant resid covariance	7.19E+26
Log likelihood	-3470.145
Akaike information criterion	80.91238
Schwarz criterion	83.44602

1. Uji Stasioner pada Level Variabel Obligasi Konvensional

Null Hypothesis: OBL has a unit root

Exogenous: Constant

Lag Length: 1 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-0.600489	0.8643
Test critical values: 1% level	-3.503879	
5% level	-2.893589	
10% level	-2.583931	

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: INF has a unit root

Exogenous: Constant

Lag Length: 1 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-2.118184	0.2382
Test critical values: 1% level	-3.504727	
5% level	-2.893956	
10% level	-2.584126	

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: KURS has a unit root

Exogenous: Constant

Lag Length: 0 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-0.800710	0.8141
Test critical values: 1% level	-3.500669	
5% level	-2.892200	
10% level	-2.583192	

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: JUB has a unit root

Exogenous: Constant

Lag Length: 2 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-0.380954	0.9070
Test critical values: 1% level	-3.502238	

5% level	-2.892879
10% level	-2.583553

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: IPI has a unit root
 Exogenous: Constant
 Lag Length: 2 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-0.710362	0.8383
Test critical values:		
1% level	-3.502238	
5% level	-2.892879	
10% level	-2.583553	

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: IHSG has a unit root
 Exogenous: Constant
 Lag Length: 0 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-1.533548	0.5124
Test critical values:		
1% level	-3.500669	
5% level	-2.892200	
10% level	-2.583192	

*MacKinnon (1996) one-sided p-values.

2. Uji Stasioner pada I^{st} Defferent

Null Hypothesis: D(OBL) has a unit root
 Exogenous: Constant
 Lag Length: 0 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-15.04244	0.0001
Test critical values:		
1% level	-3.503879	
5% level	-2.893589	
10% level	-2.583931	

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: D(INF) has a unit root
 Exogenous: Constant
 Lag Length: 1 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-7.132638	0.0000
Test critical values: 1% level	-3.506484	
5% level	-2.894716	
10% level	-2.584529	

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: D(KURS) has a unit root
 Exogenous: Constant
 Lag Length: 0 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-10.74975	0.0000
Test critical values: 1% level	-3.501445	
5% level	-2.892536	
10% level	-2.583371	

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: D(JUB) has a unit root
 Exogenous: Constant
 Lag Length: 1 (Automatic - based on SIC, maxlag=10)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-10.32607	0.0000
Test critical values: 1% level	-3.502238	
5% level	-2.892879	
10% level	-2.583553	

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: D(IPI) has a unit root
 Exogenous: Constant
 Lag Length: 1 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-12.23066	0.0001
Test critical values: 1% level	-3.502238	
5% level	-2.892879	
10% level	-2.583553	

*MacKinnon (1996) one-sided p-values.

Null Hypothesis: D(IHSG) has a unit root

Exogenous: Constant
Lag Length: 0 (Automatic - based on SIC, maxlag=11)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-10.85134	0.0000
Test critical values:		
1% level	-3.501445	
5% level	-2.892536	
10% level	-2.583371	

*MacKinnon (1996) one-sided p-values.

3. Hasil Estimasi VECM pada Obligasi Konvensional

Vector Error Correction Estimates
Date: 11/04/19 Time: 09:42
Sample (adjusted): 2011M04 2018M12
Included observations: 84 after adjustments
Standard errors in () & t-statistics in []

Cointegrating Eq:	CointEq1					
OBL(-1)	1.000000					
INF(-1)	85781.97 (19435.0) [4.41380]					
KURS(-1)	-155.2598 (56.2891) [-2.75826]					
JUB(-1)	807.6457 (210.285) [3.84072]					
IPI(-1)	-33936.48 (8759.05) [-3.87445]					
IHSG(-1)	-196.3477 (92.3528) [-2.12606]					
C	3097936.					
Error Correction:	D(OBL)	D(INF)	D(KURS)	D(JUB)	D(IPI)	D(IHSG)
CointEq1	-0.095245 (0.04813) [-1.97911]	-1.87E-06 (6.0E-07) [-3.12910]	0.000318 (0.00030) [1.06102]	-9.00E-05 (4.2E-05) [-2.14430]	9.96E-06 (3.2E-06) [3.09600]	-2.47E-05 (0.00021) [-0.11554]

D(OBL(-1))	-0.478716 (0.11758) [-4.07137]	-5.61E-07 (1.5E-06) [-0.38326]	-0.000390 (0.00073) [-0.53338]	7.27E-05 (0.00010) [0.70881]	-1.52E-05 (7.9E-06) [-1.93494]	0.000189 (0.00052) [0.36308]
D(OBL(-2))	-0.158467 (0.11412) [-1.38863]	-4.54E-07 (1.4E-06) [-0.31957]	-0.000250 (0.00071) [-0.35171]	5.87E-05 (0.00010) [0.58917]	-5.20E-06 (7.6E-06) [-0.68215]	-0.000108 (0.00051) [-0.21371]
D(INF(-1))	17920.26 (8806.48) [2.03490]	0.380258 (0.10958) [3.47021]	70.49330 (54.7725) [1.28702]	2.898210 (7.68299) [0.37722]	-0.057702 (0.58870) [-0.09802]	-88.33564 (39.0881) [-2.25991]
D(INF(-2))	10808.33 (9714.73) [1.11257]	-0.125726 (0.12088) [-1.04009]	34.34194 (60.4215) [0.56837]	9.473738 (8.47538) [1.11780]	-1.610424 (0.64941) [-2.47981]	35.90609 (43.1195) [0.83271]
D(KURS(-1))	-4.765760 (20.4303) [-0.23327]	0.000129 (0.00025) [0.50713]	-0.195644 (0.12707) [-1.53968]	0.020867 (0.01782) [1.17071]	0.002795 (0.00137) [2.04629]	-0.116358 (0.09068) [-1.28315]
D(KURS(-2))	5.522169 (22.7814) [0.24240]	0.000472 (0.00028) [1.66407]	-0.122018 (0.14169) [-0.86116]	-0.043213 (0.01988) [-2.17422]	-0.000154 (0.00152) [-0.10109]	0.016632 (0.10112) [0.16448]
D(JUB(-1))	120.9364 (140.209) [0.86254]	-0.003072 (0.00174) [-1.76096]	-1.007644 (0.87204) [-1.15550]	-0.374121 (0.12232) [-3.05849]	-0.004937 (0.00937) [-0.52676]	1.344229 (0.62233) [2.16000]
D(JUB(-2))	-229.0506 (148.398) [-1.54349]	-0.001608 (0.00185) [-0.87058]	0.298297 (0.92297) [0.32319]	-0.182333 (0.12947) [-1.40834]	0.008971 (0.00992) [0.90432]	-0.058368 (0.65867) [-0.08861]
D(IPI(-1))	-2760.546 (1634.54) [-1.68889]	-0.063149 (0.02034) [-3.10494]	2.382920 (10.1661) [0.23440]	-0.935844 (1.42601) [-0.65627]	-0.272668 (0.10927) [-2.49545]	-1.613775 (7.25500) [-0.22244]
D(IPI(-2))	-594.8075 (1358.86) [-0.43773]	-0.031957 (0.01691) [-1.89006]	0.699619 (8.45153) [0.08278]	-0.006008 (1.18550) [-0.00507]	-0.176703 (0.09084) [-1.94526]	-5.203784 (6.03139) [-0.86278]
D(IHSG(-1))	14.67955 (28.7707) [0.51023]	-0.000351 (0.00036) [-0.97940]	-0.202991 (0.17894) [-1.13440]	-0.055885 (0.02510) [-2.22646]	0.000665 (0.00192) [0.34575]	-0.177441 (0.12770) [-1.38951]
D(IHSG(-2))	-17.72047 (28.3850) [-0.62429]	-0.000320 (0.00035) [-0.90598]	-0.154302 (0.17654) [-0.87402]	-0.023955 (0.02476) [-0.96735]	0.000235 (0.00190) [0.12403]	-0.059326 (0.12599) [-0.47088]
C	14297.78 (9868.04) [1.44890]	0.156841 (0.12279) [1.27735]	124.9618 (61.3750) [2.03604]	60.20763 (8.60913) [6.99346]	0.465717 (0.65966) [0.70599]	1.196508 (43.8000) [0.02732]
R-squared	0.353216	0.286209	0.146316	0.319338	0.470636	0.171261

Adj. R-squared	0.233099	0.153648	-0.012225	0.192930	0.372326	0.017353
Sum sq. resids	1.57E+11	24.36661	6088010.	119787.1	703.2907	3100557.
S.E. equation	47416.32	0.589995	294.9094	41.36719	3.169702	210.4606
F-statistic	2.940604	2.159071	0.922889	2.526238	4.787249	1.112748
Log likelihood	-1015.938	-67.21151	-589.2135	-424.2223	-208.4389	-560.8744
Akaike AIC	24.52233	1.933607	14.36223	10.43387	5.296164	13.68749
Schwarz SC	24.92747	2.338744	14.76736	10.83900	5.701300	14.09262
Mean dependent	4591.582	-0.054881	61.78571	35.77139	0.573214	33.59952
S.D. dependent	54145.00	0.641317	293.1231	46.04689	4.000841	212.3108

Determinant resid covariance (dof adj.)	3.70E+22
Determinant resid covariance	1.24E+22
Log likelihood	-2851.725
Akaike information criterion	70.04107
Schwarz criterion	72.64551

TABULASI DATA MENTAH

TAHUN	BULAN	SUK	OBL	INF	KURS	JUB	IPI	IHSG
2011	JANUARI	6.121,000	11.672,766	7.02	9.057,00	2.436,678	100.42	3.409,170
	FEBRUARI	6.121,000	12.016,240	6.84	8.823,00	2.420,191	94.86	3.470,350
	MARET	6.121,000	12.116,040	6.65	8.709,00	2.451,356	104.30	3.678,670
	APRIL	6.121,000	12.426,040	6.16	8.574,00	2.434,478	100.68	3.819,620
	MEI	6.221,000	12.559,190	5.98	8.537,00	2.475,285	105.07	3.836,970
	JUNI	5.936,000	12.962,540	5.54	8.597,00	2.522,783	108.77	3.888,570
	JULI	5.876,000	12.993,390	4.61	8.508,00	2.564,556	112.11	4.130,800
	AGUSTUS	5.876,000	13.113,390	4.79	8.578,00	2.621,345	105.60	3.841,300
	SEPTEMBER	5.876,000	13.076,290	4.61	8.823,00	2.643,331	105.49	3.549,030
	OKTOBER	5.876,000	13.127,890	4.42	8.835,00	2.677,786	107.59	3.790,850
	NOVEMBER	5.876,000	13.138,890	4.15	9.170,00	2.729,538	101.35	3.715,080
	DESEMBER	5.876,000	14.141,190	3.79	9.068,00	2.877,219	102.89	3.821,990
2012	JANUARI	5.409,000	14.258,280	3.65	9.000,00	2.857,126	102.76	3.941,690
	FEBRUARI	5.409,000	14.855,280	3.56	9.085,00	2.852,004	105.63	3.985,210
	MARET	5.409,000	14.793,230	3.79	9.180,00	2.914,194	102.46	4.121,550
	APRIL	5.319,000	14.258,280	4.5	9.190,00	2.929,610	103.38	4.180,730
	MEI	5.569,000	14.255,580	4.45	9.565,00	2.994,474	108.31	3.832,820
	JUNI	6.669,000	16.209,782	4.53	9.480,00	3.052,786	109.79	3.955,580
	JULI	6.579,000	16.414,782	4.56	9.485,00	3.057,335	111.41	4.142,340
	AGUSTUS	6.579,000	16.534,782	4.58	9.560,00	3.091,568	100.78	4.060,330
	SEPTEMBER	6.579,000	16.539,682	4.31	9.588,00	3.128,179	109.61	4.262,560
	OKTOBER	6.579,000	16.903,882	4.61	9.615,00	3.164,443	118.17	4.350,290
	NOVEMBER	6.779,000	17.216,140	4.32	9.605,00	3.207,908	114.13	4.276,140
	DESEMBER	6.883,000	17.921,140	4.3	9.670,00	3.307,507	114.12	4.316,690
2013	JANUARI	6.883,000	17.940,940	4.57	9.698,00	3.268,789	113.91	4.453,700
	FEBRUARI	7.262,000	18.411,240	5.31	9.667,00	3.280,420	112.31	4.795,790
	MARET	8.387,000	18.411,240	5.9	9.719,00	3.322,528	112.58	4.940,990
	APRIL	7.817,000	17.940,940	5.57	9.722,00	3.360,928	114.12	5.034,070
	MEI	7.817,000	19.726,790	5.47	9.802,00	3.426,304	115.78	5.068,630
	JUNI	7.538,000	20.437,790	5.9	9.929,00	3.413,378	113.34	4.818,900
	JULI	6.974,000	21.179,640	8.61	10.278,00	3.506,573	115.28	4.610,380
	AGUSTUS	6.974,000	21.179,640	8.79	10.924,00	3.502,419	113.37	4.195,090
	SEPTEMBER	6.974,000	21.179,640	8.4	11.613,00	3.584,080	116.36	4.316,180
	OKTOBER	6.974,000	21.307,040	8.32	11.234,00	3.576,869	118.05	4.510,630
	NOVEMBER	6.974,000	21.619,740	8.37	11.977,00	3.615,972	116.20	4.256,440
	DESEMBER	7.553,000	21.574,140	8.38	12.189,00	3.730,197	117.36	4.274,180

2014	JANUARI	7.260,000	21.437,940	8.22	12.226,00	3.652,349	117.32	5.166,980
	FEBRUARI	7.260,000	21.611,240	7.75	11.634,00	3.643,059	116.60	4.418,760
	MARET	7.194,000	21.823,040	7.32	11.404,00	3.660,605	116.80	4.620,220
	APRIL	7.058,000	21.448,400	7.25	11.532,00	3.730,376	117.25	4.768,280
	MEI	6.358,000	21.402,400	7.32	11.611,00	3.789,278	120.16	4.838,760
	JUNI	6.958,000	21.741,160	6.7	11.969,00	3.865,890	120.22	4.893,910
	JULI	6.958,000	21.882,660	4.53	11.591,00	3.895,981	117.05	4.878,580
	AGUSTUS	6.958,000	21.850,160	3.99	11.717,00	3.895,374	120.13	5.088,800
	SEPTEMBER	6.958,000	22.020,160	4.53	12.212,00	4.010,146	127.74	5.137,580
	OKTOBER	7.258,000	22.395,460	4.83	12.082,00	4.024,488	124.37	5.089,550
	NOVEMBER	7.391,000	22.337,060	6.23	12.196,00	4.076,669	121.73	5.149,890
	DESEMBER	7.144,000	224.707,200	8.36	12.440,00	4.173,326	124.94	5.166,980
2015	JANUARI	7.105,000	223.079,400	6.96	12.625,00	4.174,825	123.33	5.289,400
	FEBRUARI	7.105,000	222.662,900	6.29	12.863,00	4.218,122	119.67	5.450,290
	MARET	7.078,000	227.559,900	6.38	13.084,00	4.246,361	125.46	5.518,670
	APRIL	7.678,000	230.189,900	6.79	12.937,00	4.275,711	127.11	5.086,420
	MEI	13.579,400	231.000,000	7.15	13.211,00	4.288,369	123.03	5.216,370
	JUNI	84.440,000	239.000,000	7.26	13.332,00	4.358,801	126.26	4.910,650
	JULI	82.840,000	246.000,000	7.26	13.481,00	4.373,208	122.21	4.802,520
	AGUSTUS	82.840,000	247.700,000	7.18	14.027,00	4.404,085	127.01	4.509,600
	SEPTEMBER	82.840,000	249.614,900	6.83	14.657,00	4.508,603	130.31	4.223,900
	OKTOBER	82.840,000	250.507,760	6.25	13.639,00	4.443,078	132.07	4.455,180
	NOVEMBER	96.960,000	249.034,760	4.89	13.840,00	4.452,324	129.77	4.446,450
	DESEMBER	99.020,000	249.879,900	3.35	13.795,00	4.546,743	126.84	4.522,650
2016	JANUARI	98.020,000	248.199,900	4.14	13.846,00	4.498,361	126.50	4.615,160
	FEBRUARI	98.020,000	253.417,150	4.42	13.395,00	4.521,951	128.50	4.770,950
	MARET	96.160,000	253.923,150	4.45	13.276,00	4.561,872	128.67	4.845,370
	APRIL	95.160,000	253.923,150	3.6	13.204,00	4.581,877	127.28	4.838,580
	MEI	94.160,000	258.462,150	3.33	13.615,00	4.614,061	131.69	4.796,860
	JUNI	111.110,000	270.071,050	3.45	13.180,00	4.737,451	136.30	5.016,640
	JULI	107.560,000	275.346,050	3.21	13.094,00	4.730,379	132.93	5.215,990
	AGUSTUS	107.560,000	281.802,050	2.79	13.300,00	4.746,026	134.72	5.386,080
	SEPTEMBER	110.440,000	286.710,050	3.07	12.998,00	4.737,630	130.37	5.364,800
	OKTOBER	110.440,000	297.655,050	3.31	13.051,00	4.778,478	132.15	5.422,540
	NOVEMBER	125.440,000	312.443,550	3.58	13.563,00	4.868,651	132.42	5.148,910
	DESEMBER	118.780,000	311.678,550	3.02	13.436,00	5.004,976	132.27	5.296,710
2017	JANUARI	117.480,000	308.257,550	3.49	13.343,00	4.936,881	130.86	5.299,100
	FEBRUARI	117.480,000	311.130,920	3.83	13.347,00	4.942,919	133.35	5.386,690
	MARET	121.340,000	320.876,920	3.61	13.321,00	5.017,643	136.57	5.568,100

	APRIL	143.140,000	320.084,920	4.17	13.327,00	5.033,780	135.43	5.685,290
	MEI	146.640,000	326.886,920	4.33	13.321,00	5.126,370	140.43	5.738,150
	JUNI	153.140,000	332.550,420	4.37	13.319,00	5.225,165	134.78	5.829,700
	JULI	142.890,000	347.247,467	3.88	13.323,00	5.178,078	138.09	5.840,930
	AGUSTUS	142.590,000	35.730,1967	3.82	13.351,00	5.219,647	141.22	5.864,050
	SEPTEMBER	140.960,000	359.763,467	3.72	13.492,00	5.254,138	140.43	5.900,850
	OKTOBER	143.960,000	362.124,467	3.58	13.572,00	5.284,320	136.38	6.005,780
	NOVEMBER	158.945,000	386.068,920	3.3	13.514,00	5.321,431	137.90	5.952,130
	DESEMBER	157.405,000	387.329,515	3.61	13.548,00	5.419,165	136.28	6.355,650
2018	JANUARI	157.405,000	386.073,515	3.35	13.413,00	5.351,684	142.00	6.605,630
	FEBRUARI	164.390,000	403.706,015	3.4	13.707,00	5.351,650	140.75	6.597,210
	MARET	168.040,000	400.490,110	3.41	13.756,00	5.395,826	139.50	6.188,980
	APRIL	156.800,000	404.962,110	3.23	13.877,00	5.409,088	144.21	5.994,590
	MEI	151.400,000	407.280,110	3.12	13.951,00	5.435,082	148.14	5.983,580
	JUNI	163.380,000	402.546,110	3.18	14.404,00	5.534,149	125.18	5.799,230
	JULI	173.380,000	405.646,657	3.2	14.413,00	5.507,791	144.27	5.936,440
	AGUSTUS	173.380,000	408.738,657	2.88	14.711,00	5.529,451	146.79	6.018,440
	SEPTEMBER	200.620,000	418.986,645	3.16	14.929,00	5.606,779	144.81	5.976,550
	OKTOBER	220.620,000	421.491,645	3.23	15.227,00	5.667,512	148.05	5.831,650
	NOVEMBER	228.420,000	417.110,145	3.13	14.339,00	5.670,975	146.26	6.056,120
	DESEMBER	220.230,000	411.857,395	3.13	14.481,00	5.760,046	145.04	6.144,490