

## LAMPIRAN

### Lampiran 1. Total Produksi Jagung Dunia (Ton)

Tahun	Negara			
	Brazil	China	Amerika	Indonesia
1987	24.749.550	77.723.756	125.194.000	6.651.917
1988	26.589.870	79.310.405	191.319.008	6.192.512
1989	21.347.770	97.213.883	201.532.000	6.734.028
1990	23.624.340	99.147.826	189.867.780	6.255.906
1991	30.506.127	95.772.877	240.719.220	7.995.459
1992	30.055.633	103.109.999	160.985.760	6.459.737
1993	32.487.625	99.674.118	255.294.970	6.868.880
1994	36.266.951	112.361.571	187.969.950	8.245.902
1995	29.652.791	127.865.412	234.517.750	9.307.423
1996	32.948.044	104.647.617	233.864.300	8.770.851
1997	29.601.753	133.197.612	247.882.020	10.169.488
1998	32.239.479	128.287.195	239.548.580	9.204.036
1999	32.321.000	106.178.315	251.853.900	9.677.000
2000	41.962.475	114.255.995	241.376.650	9.347.200
2001	35.940.832	120.188.915	227.766.880	9.585.277
2002	48.327.323	115.997.909	256.229.020	10.886.442
2003	41.787.558	130.434.297	299.875.570	11.225.243
2004	35.113.312	139.498.473	282.262.550	12.523.894
2005	42.661.677	151.731.441	267.502.850	11.609.463
2006	52.112.217	152.418.870	331.177.280	13.287.527
2007	58.933.347	166.032.097	305.911.450	16.323.922
2008	50.719.822	164.107.560	331.921.050	17.629.740
2009	55.364.271	177.540.788	315.617.920	18.327.636
2010	55.660.235	192.904.232	312.788.890	17.643.250
2011	71.072.810	205.719.284	273.192.400	19.387.022
2012	80.273.172	218.621.905	351.271.870	18.511.853
2013	79.881.614	215.812.100	361.091.140	19.008.426
2014	85.283.074	265.157.307	345.486.340	19.612.435
2015	64.143.414	263.777.750	384.777.890	23.578.000
2016	97.721.860	259.234.478	370.960.390	27.952.000
2017	24.749.550	77.723.756	125.194.000	66.51.917

Sumber : FAO

### Lampiran 2. Nilai Ekspor Jagung Indonesia (1.000 US\$)

<b>Tahun</b>	<b>Indonesia</b>
1987	0
1988	13
1989	118
1990	235
1991	220
1992	1339
1993	264
1994	12
1995	29
1996	116
1997	1
1998	0
1999	18
2000	117
2001	345
2002	152
2003	300
2004	501
2005	485
2006	2891
2007	2252
2008	1405
2009	342
2010	343
2011	438
2012	1593
2013	459
2014	24415
2015	178
2016	282
2017	0

Sumber : FAO

**Lampiran 3. Nilai Impor Jagung Indonesia (1.000 US\$)**

<b>Tahun</b>	<b>Indonesia</b>
1987	24855
1988	8399
1989	5681
1990	1701
1991	45952
1992	8324
1993	68037
1994	153510
1995	154115
1996	132887
1997	171675
1998	47838
1999	80320
2000	157949
2001	125512
2002	137982
2003	168658
2004	177675
2005	30850
2006	277498
2007	151613
2008	94032
2009	77841
2010	369076
2011	1028527
2012	501898
2013	918890
2014	810417
2015	696647
2016	230923
2017	24855

Sumber : FAO

**Lampiran 4. Nilai Ekspor Jagung Indonesia ke 3 Negara (1.000 US\$)**

<b>Tahun</b>	<b>Negara</b>		
	<b>China</b>	<b>Brazil</b>	<b>Amerika</b>
1987	323741	241	3307234
1988	393267	189	5184244
1989	439378	170	6691131
1990	403927	128	6205804
1991	865375	302	5146692
1992	1187348	515	4951005
1993	1154159	1587	4473931
1994	944359	2068	4187102
1995	13338	5315	7534947
1996	30391	71776	8626040
1997	859094	52008	5418929
1998	531959	11847	4619042
1999	450059	7228	5126988
2000	1051816	9366	4682565
2001	628472	497328	4764985
2002	1167827	267597	5127628
2003	1766848	375136	4972016
2004	324301	597336	6137514
2005	1096582	120862	5038540
2006	412372	481882	7297368
2007	874425	1918840	10099898
2008	73562	1405172	13884498
2009	31733	1302150	9086407
2010	33380	2214956	10110465
2011	46593	2716354	13982404
2012	101227	5383338	9708003
2013	33241	6307632	6882884
2014	7825	3931914	11140698
2015	5907	5008963	8660657
2016	4625	3739923	10282416
2017	323741	241	3307234

Sumber : FAO

**Lampiran 5. Nilai RCA (*Revealed Competitif Advantage*)**

Tahun	Data Nilai Ekspor Jagung Indonesia	Data Nilai Ekspor Semua Komoditi Indonesia	Data Nilai Ekspor Jagung Dunia	Data Nilai Ekspor Semua Komoditi Dunia	Nilai RCA
	<b>Xi</b>	<b>Xim</b>	<b>Xw</b>	<b>Xwm</b>	
1987	664	15329	3631880	9760615	0,116413
1988	4719	10957	5582419	12563215	0,969252
1989	28258	50854	7158937	13873614	1,076855
1990	16780	27449	6626639	12365616	1,140743
1991	3874	18059	6016243	11784719	0,420204
1992	19000	44394	6157868	12645183	0,878869
1993	7944	85120	5637621	12537843	0,207556
1994	5617	47396	5139146	12743646	0,293877
1995	11268	29430	7564868	15048242	0,761625
1996	5304	20576	8733511	18571957	0,548165
1997	10885	19385	6340916	17697686	1,56721
1998	65453	17641	5228301	14562339	10,3342
1999	11037	18394	5595312	13562293	1,454399
2000	4984	9902	5748731	14849185	1,300127
2001	10500	15870	5901285	15345321	1,720449
2002	3334	10189	5666386	16622736	0,95991
2003	5517	10378	7119517	21087650	1,574588
2004	9074	13587	7068225	20826530	1,967804
2005	9048	21766	6265032	19854015	1,317343
2006	4306	13680	8195928	22899711	0,879467
2007	18503	24095	12911666	31996084	1,90296
2008	28906	33564	15392138	49667038	2,778968
2009	14742	19188	10435032	41833129	3,080018
2010	11321	14639	12370122	49156268	3,073111
2011	9464	13329	16754815	57286173	2,427657
2012	19018	24034	15211586	60739287	3,159614
2013	10643	15557	13234400	61113648	3,159164
2014	13264	42098	15093701	65775472	1,373034
2015	56365	60231	13731892	56861678	3,875063
2016	5022	8919	14031986	59298773	2,379508
2017	499651	32324051	32823702	65647404	0,030915
Rata-rata					1,890969

Sumber : FAO (Diolah)

**Lampiran 6. Luas Lahan Jagung Indonesia (Ha<sup>2</sup>)**

<b>Tahun</b>	<b>Indonesia</b>
1985	3405751
1986	2944199
1987	3158092
1988	2909100
1989	3629346
1990	2939534
1991	3109400
1992	3651838
1993	3743570
1994	3355224
1995	3833820
1996	3456357
1997	3500000
1998	3285900
1999	3126830
2000	3358511
2001	3356914
2002	3625987
2003	3345805
2004	3630324
2005	4003313
2006	4160659
2007	4131676
2008	3864692
2009	3957595
2010	3821504
2011	3837019
2012	3787367
2013	4444000
2014	5375000
2015	3405751

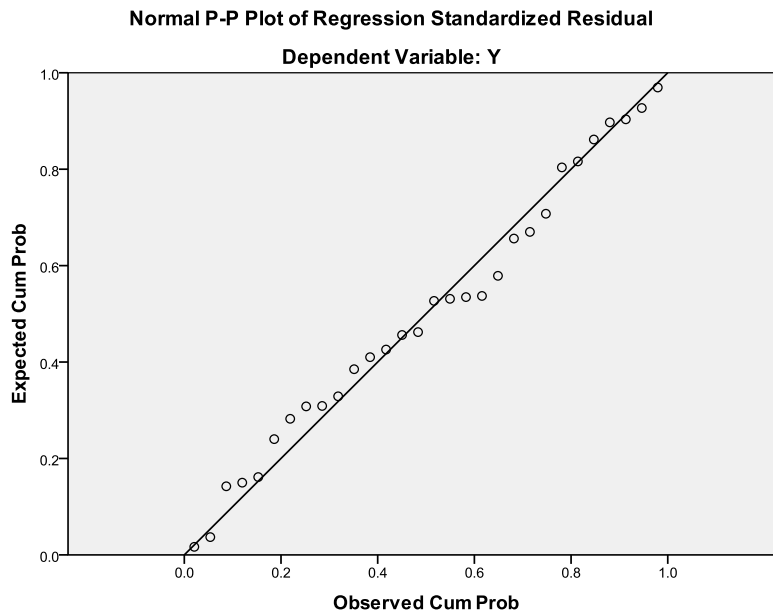
Sumber : FAO

**Lampiran 7. Nilai Tukar Rupiah (Rp) Terhadap Dollar Amerika (US\$)**

<b>Tahun</b>	<b>Indonesia</b>
1985	1.110,85
1986	1.282,56
1987	1.643,85
1988	1.685,7
1989	1.770,06
1990	1.842,81
1991	1.950,32
1992	2.029,92
1993	2.087,1
1994	2.160,75
1995	2.248,61
1996	2.342,3
1997	2.909,38
1998	10.013,62
1999	7.855,15
2000	8.421,77
2001	10.260,85
2002	9.311,19
2003	8.577,13
2004	8.938,85
2005	9.704,74
2006	9.159,32
2007	9.141
2008	9.698,96
2009	10.389,94
2010	9.090,43
2011	9.770,43
2012	9.386,63
2013	10.461,24
2014	11.865,21
2015	13.389,41

Sumber : PACIFIC Exchange Rate Service

## Lampiran 8. Uji Normalitas



### One-Sample Kolmogorov-Smirnov Test

		Unstandardized Predicted Value
N		30
Normal Parameters <sup>a,b</sup>	Mean	1.9057004
	Std. Deviation	1.67800267
Most Extreme Differences	Absolute	.201
	Positive	.201
	Negative	-.152
Kolmogorov-Smirnov Z		1.103
Asymp. Sig. (2-tailed)		.176

a. Test distribution is Normal.

b. Calculated from data.



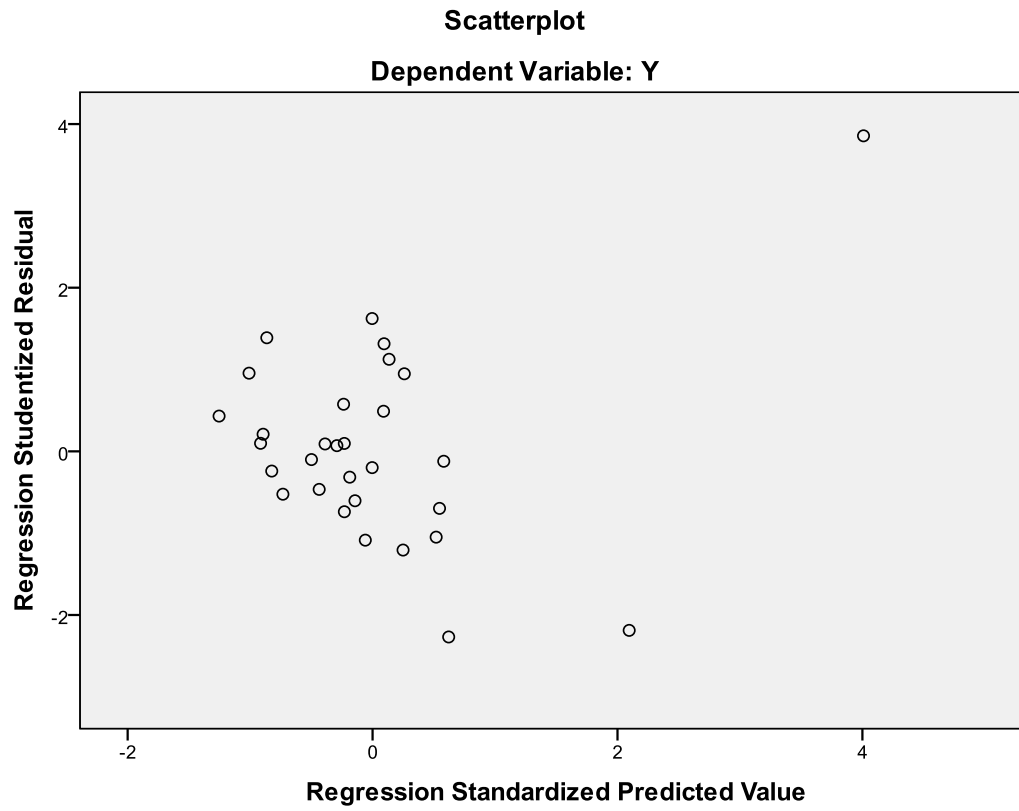
**Lampiran 9. Uji Multikolonieritas**

**Coefficients<sup>a</sup>**

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
	B	Std. Error	Beta			Tolerance	VIF
1 (Constant)	-.990	.426		-2.325	.028		
X1	8.561E-8	.000	.262	1.653	.111	.298	3.354
X2	9.555E-5	.000	.198	1.296	.207	.321	3.120
X3	1.367E-5	.000	.869	9.584	.000	.912	1.097
X4	6.410E-8	.000	.034	.291	.773	.552	1.813

a. Dependent Variable: Y

## Lampiran 10. Uji Heteroskedastisitas



### Lampiran 11. Autokorelasi

**Model Summary<sup>b</sup>**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
`dimension0 1	.901 <sup>a</sup>	.812	.782	.877749	1.276

a. Predictors: (Constant), X4, X3, X2, X1

b. Dependent Variable: Y

### Lampiran 12 Uji Determinasi Koefisien

**Model Summary<sup>b</sup>**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
`dimension0 1	.901 <sup>a</sup>	.812	.782	.877749	1.276

a. Predictors: (Constant), X4, X3, X2, X1

b. Dependent Variable: Y

### Lampiran 13. Uji F

**ANOVA<sup>b</sup>**

Model	Sum of Squares	df	Mean Square	F	Sig.
1 Regression	83.450	4	20.862	27.079	.000 <sup>a</sup>
Residual	19.261	25	.770		
Total	102.711	29			

a. Predictors: (Constant), X4, X3, X2, X1

b. Dependent Variable: Y

## Lampiran 14. Uji T

**Coefficients<sup>a</sup>**

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95.0% Confidence Interval for B		Correlations			Collinearity Statistics	
	B	Std. Error	Beta			Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance	VIF
1 (Constant)	-.990	.426		-2.325	.028	-1.867	-.113					
X1	8.561E-8	.000	.262	1.653	.111	.000	.000	.332	.314	.143	.298	3.354
X2	9.555E-5	.000	.198	1.296	.207	.000	.000	.217	.251	.112	.321	3.120
X3	1.367E-5	.000	.869	9.584	.000	.000	.000	.779	.887	.830	.912	1.097
X4	6.410E-8	.000	.034	.291	.773	.000	.000	.147	.058	.025	.552	1.813

a. Dependent Variable: Y