

LAMPIRAN

I. Produksi Bawang Merah, Luas Lahan, Curah Hujan, Tenaga Kerja Kabupaten Brebes

Tahun	Kecamatan	Produksi (Kw)	Luas Lahan (Ha)	Curah Hujan (Mm)	Tenaga Kerja
2010	Wanasari	1326830	8734	239	34118
2011	Wanasari	764100	5792	116	42794
2012	Wanasari	719230	6052	105	44623
2013	Wanasari	811670	6170	155	47275
2014	Wanasari	1025680	7075	133	47509
2015	Wanasari	78960	6598	130	31876
2016	Wanasari	906750	8675	176	31876
2017	Wanasari	587900	7094	507.75	31876
2010	Larangan	531504	6175	283	30053
2011	Larangan	502208	4278	196	30182
2012	Larangan	549541	5361	160	37018
2013	Larangan	588002	4622	205	28711
2014	Larangan	1004865	8335	173	28858
2015	Larangan	850730	7018	192	29541
2016	Larangan	876924	8721	409	30760
2017	Larangan	490419	5083	364.58	31979
2010	Ketanggungan	134500	1076	253	23276
2011	Ketanggungan	127410	1020	194	28234
2012	Ketanggungan	126432	1006	175	28661
2013	Ketanggungan	227250	1653	202	30364
2014	Ketanggungan	190800	1272	154	30514
2015	Ketanggungan	206000	1375	208	26365
2016	Ketanggungan	249750	1665	226	26365
2017	Ketanggungan	244804	1940	1101.5	27380
2010	Tanjung	77004	950	159	26147
2011	Tanjung	121240	1128	129	22951
2012	Tanjung	124802	1324	105	30545
2013	Tanjung	151930	1400	157	30572
2014	Tanjung	184886	1873	135	30576
2015	Tanjung	165170	1868	121	31287
2016	Tanjung	209785	2292	176	21794

2017	Tanjung	207692	2294	145.58	7898
2010	Bulakamba	393628	3779	250	37979
2011	Bulakamba	314360	2998	155	41170
2012	Bulakamba	198035	1854	125	42196
2013	Bulakamba	373250	3539	167	44703
2014	Bulakamba	363035	3817	122	44924
2015	Bulakamba	231650	2283	121	30224
2016	Bulakamba	291932	3137	104	31356
2017	Bulakamba	341321	4030	469.58	32489
2010	Songgom	252014	2490	319	22330
2011	Songgom	63202	713	209	16261
2012	Songgom	117528	881	175	15680
2013	Songgom	139100	994	208	15745
2014	Songgom	157288	1336	162	15770
2015	Songgom	162600	1154	201	15730
2016	Songgom	99482	781	196	15665
2017	Songgom	121793	947	442.17	15575
2010	Jatibarang	208436	1548	254	14523
2011	Jatibarang	111504	1020	196	16255
2012	Jatibarang	95580	855	156	12462
2013	Jatibarang	134459	1219	143	12750
2014	Jatibarang	234412	1742	142	12834
2015	Jatibarang	192120	1584	132	12735
2016	Jatibarang	173075	1637	260	12432
2017	Jatibarang	226337	2197	215.5	12129
2010	Brebes	828613	6667	197	30201
2011	Brebes	563632	4918	147	29309
2012	Brebes	481950	4264	142	29763
2013	Brebes	413295	3611	151	31532
2014	Brebes	382300	3269	128	31688
2015	Brebes	322700	3034	132	20453
2016	Brebes	386885	3576	207	21981
2017	Brebes	318555	3210	195.33	23509

Sumber: Badan Pusat Statistika, 2017

II. Hasil Estimasi Common Effect Models

Dependent Variable: PRODUKSI

Method: Panel Least Squares

Date: 11/20/19 Time: 00:07

Sample: 2010 2017

Periods included: 8

Cross-sections included: 12

Total panel (balanced) observations: 96

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-11810.79	35148.31	-0.336027	0.7376
LAHAN	108.8454	4.828331	22.54306	0.0000
HUJAN	-36.00462	64.69110	-0.556562	0.5792
TK	0.848002	1.299496	0.652562	0.5157
R-squared	0.888386	Mean dependent var	255829.1	
Adjusted R-squared	0.884747	S.D. dependent var	274917.5	
S.E. of regression	93331.71	Akaike info criterion	25.76648	
Sum squared resid	8.01E+11	Schwarz criterion	25.87333	
Log likelihood	-1232.791	Hannan-Quinn criter.	25.80967	
F-statistic	244.0903	Durbin-Watson stat	1.910611	
Prob(F-statistic)	0.000000			

III. Hasil Estimasi Fixed Effect Models

Dependent Variable: PRODUKSI

Method: Panel Least Squares

Date: 11/20/19 Time: 00:08

Sample: 2010 2017

Periods included: 8

Cross-sections included: 12

Total panel (balanced) observations: 96

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-159859.7	70121.28	-2.279760	0.0253
LAHAN	126.0367	13.41567	9.394736	0.0000
HUJAN	-61.39458	70.54038	-0.870347	0.3867
TK	5.197446	2.221378	2.339739	0.0218

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.901176	Mean dependent var	255829.1
Adjusted R-squared	0.884095	S.D. dependent var	274917.5
S.E. of regression	93595.10	Akaike info criterion	25.87394
Sum squared resid	7.10E+11	Schwarz criterion	26.27462
Log likelihood	-1226.949	Hannan-Quinn criter.	26.03591
F-statistic	52.75988	Durbin-Watson stat	2.019177
Prob(F-statistic)	0.000000		

IV. Hasil Uji Chow

Redundant Fixed Effects Tests

Equation: Untitled

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	0.952993	(11,81)	0.0454
Cross-section Chi-square	11.683507	11	0.0379

V. Hasil Uji Hausmant

Correlated Random Effects - Hausman Test

Equation: Untitled

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	8.568642	3	0.0356

VI. Hasil Estimasi Random Effect Models

Dependent Variable: PRODUKSI

Method: Panel EGLS (Cross-section random effects)

Date: 11/20/19 Time: 00:10

Sample: 2010 2017

Periods included: 8

Cross-sections included: 12

Total panel (balanced) observations: 96

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-11810.79	35247.50	-0.335082	0.7383
LAHAN	108.8454	4.841957	22.47962	0.0000
HUJAN	-36.00462	64.87366	-0.554996	0.5802
TK	0.848002	1.303164	0.650726	0.5168

Effects Specification		S.D.	Rho
Cross-section random		0.000000	0.0000
Idiosyncratic random		93595.10	1.0000

Weighted Statistics			
R-squared	0.888386	Mean dependent var	255829.1
Adjusted R-squared	0.884747	S.D. dependent var	274917.5
S.E. of regression	93331.71	Sum squared resid	8.01E+11
F-statistic	244.0903	Durbin-Watson stat	1.910611
Prob(F-statistic)	0.000000		

Unweighted Statistics			
R-squared	0.888386	Mean dependent var	255829.1
Sum squared resid	8.01E+11	Durbin-Watson stat	1.910611