

Jumlah IUP Berdasarkan Komoditas Mineral Logam dan Batubara

No	Provinsi	Mineral Logam dan Batubara			Jumlah
		Daerah	Pusat		
		IUP	Satu Provinsi	Lintas Provinsi	
1	Aceh	23	3	-	26
2	Sumatera Utara	2	-	-	2
3	Sumatera Barat	58	4	-	62
4	Riau	19	3	1	23
5	Kepulauan Riau	29	-		29
6	Jambi	98	15	-	113
7	Sumatera Selatan	121	13	1	135
8	Bengkulu	26	4		30
9	Lampung	15	-	-	15
10	Kep. Bangka Belitung	506	2	-	508
11	Jawa Barat	25	1	-	26
12	Jawa Tengah	2	1	-	3
13	D.I. Yogyakarta	-	-	-	-
14	Jawa Timur	7	-	-	7
15	Banten	11	1	-	12
16	Nusa Tenggara Barat	14	2	-	16
17	Nusa Tenggara Timur	99	1	-	100
18	Kalimantan Barat	124	9	-	133
19	Kalimantan Tengah	221	16	1	238
20	Kalimantan Selatan	176	10		186
21	Kalimantan Timur	362	13	-	375
22	Kalimantan Utara	29	2	-	31
23	Sulawesi Utara	12	1	-	13
24	Sulawesi Tengah	105	3	-	108
25	Sulawesi Selatan	26	1	-	27
26	Sulawesi Tenggara	222	7	-	229
27	Gorontalo	4	-	-	4
28	Sulawesi Barat	9	-	-	9
29	Maluku	5	1	-	6
30	Maluku Utara	88	8	-	96
31	Papua	8	-	-	8
32	Papua Barat	4	1	-	5
33	Diatas 12 Mil Laut	-	-	-	-
Jumlah		2.450	122	3	2.575

Jumlah IUP Berdasarkan Komoditas Mineral Bukan Logam dan Batuan

No	Provinsi	Mineral Non Bukan Logam Dan Batuan Per Provinsi			Jumlah
		Daerah		Pusat	
		IPR	IUP	IUP	
1	Aceh	-	8	-	8
2	Sumatera Utara	-	45	-	45
3	Sumatera Barat	5	179	-	184
4	Riau	-	6	-	6
5	Kepulauan Riau	1	70	-	71
6	Jambi	-	58	-	58
7	Sumatera Selatan	-	67	-	67
8	Bengkulu	-	26	-	26
9	Lampung	-	92	-	92
10	Kep. Bangka Belitung	-	44	-	44
11	Jawa Barat	-	259	2	261
12	Jawa Tengah	-	308	-	308
13	D.I. Yogyakarta	-	31	-	31
14	Jawa Timur	3	613	3	619
15	Banten	1	82	4	87
16	Nusa Tenggara Barat	2	140	-	142
17	Nusa Tenggara Timur	2	23	-	25
18	Kalimantan Barat	-	31	-	31
19	Kalimantan Tengah	-	134	1	135
20	Kalimantan Selatan	-	99	1	100
21	Kalimantan Timur	-	115	-	115
22	Kalimantan Utara	-	41	1	42
23	Sulawesi Utara	-	1	-	1
24	Sulawesi Tengah	-	93	-	93
25	Sulawesi Selatan	-	95	2	97
26	Sulawesi Tenggara	-	26	-	26
27	Gorontalo	2	-	-	2
28	Sulawesi Barat	-	-	-	-
29	Maluku	-	3	-	3
30	Maluku Utara	-	2	-	2
31	Papua	-	-	-	-
32	Papua Barat	-	2	-	2
33	Diatas 12 Mil Laut	-	-	11	11
Jumlah		16	2.693	25	2.734

**Data Perusahaan Pertambangan yang terdaftar pada
Bursa Efek Indonesia (BEI) 2014-2018**

No	Kode	Nama Perusahaan	Jenis Komoditas
1	ADRO	Adaro Energy Tbk	Batubara
2	ARII	Atlas Resources Tbk	Batubara
3	ATPK	Bara Jaya Internasional Tbk	Batubara
4	BORN	Borneo Lumbung Energi & Metal Tbk	Batubara
5	BOSS	Borneo Olah Sarana Sukses Tbk	Batubara
6	BSSR	Baramulti Suksessarana Tbk	Batubara
7	BUMI	Bumi Resources Tbk	Batubara
8	BYAN	Bayan Resources Tbk	Batubara
9	DEWA	Darma Henwa Tbk	Batubara
10	DOID	Delta Dunia Makmur Tbk	Batubara
11	DSSA	Dian Swastatika Sentosa Tbk	Batubara
12	FIRE	Alfa Energi Investama Tbk	Batubara
13	GEMS	Golden Energy Mines Tbk	Batubara
14	GTBO	Garda Tujuh Buana Tbk	Batubara
15	HRUM	Harum Energy Tbk	Batubara
16	INDY	Indika Energy Tbk	Batubara
17	ITMG	Indo Tambangraya Megah Tbk	Batubara
18	KKGI	Resource Alam Indonesia Tbk	Batubara
19	MBAP	Mitrabara Adiperdana Tbk	Batubara
20	MYOH	Samindo Resources Tbk	Batubara
21	PKPK	Perdana Karya Perkasa Tbk	Batubara
22	PTBA	Bukit Asam Tbk	Batubara
23	PTRO	Petrosea Tbk	Batubara
24	SMMT	Golden Eagle Energy Tbk	Batubara
25	TOBA	Toba Bara Sejahtera Tbk	Batubara
26	ANTM	Aneka Tambang Tbk	Mineral
27	CITA	Cita Mineral Investindo Tbk	Mineral
28	CKRA	Cakra Mineral Tbk	Mineral
29	DKFT	Central Omega Resources Tbk	Mineral
30	INCO	Vale Indonesia Tbk	Mineral
31	MDKA	Merdeka Copper Gold Tbk	Mineral
32	PSAB	J Resources Asia Pasifik Tbk	Mineral
33	SMRU	SMR Utama Tbk	Mineral
34	TINS	Timah Tbk	Mineral
35	ZINC	Kapuas Prima Coal Tbk	Mineral

Rasio Likuiditas Perusahaan Pertambangan yang terdaftar di Bursa Efek Indonesia (BEI) Tahun 2014 – 2018

No	Nama Perusahaan	Tahun	Mata Uang	<i>Current aset</i>	<i>Current Liabilities</i>	<i>Current Ratio</i>
				Rp/USD	Rp/USD	%
1	PT Adaro Energy	2018	USD (Dalam Ribuan)	1600294	341766	468,24%
		2017		1979162	773302	255,94%
		2016		1592715	644555	247,10%
		2015		1092519	454473	240,39%
		2014		1271632	774595	164,17%
2	PT Indo Tambangraya Megah	2018	USD (Dalam Ribuan)	766450	389897	196,58%
		2017		796996	327508	243,35%
		2016		539004	238835	225,68%
		2015		512318	284344	180,18%
		2014		569553	364170	156,40%
3	PT Bukit Asam	2018	Rp (Dalam Jutaan)	11426678	4935696	231,51%
		2017		11117745	4396619	252,87%
		2016		8349927	5042747	165,58%
		2015		7598476	4922733	154,35%
		2014		7416805	3581006	207,12%
4	PT Petrosea	2018	USD (Dalam Ribuan)	250174	147864	169,19%
		2017		178316	103665	172,01%
		2016		147736	68442	215,86%
		2015		141187	90941	155,25%
		2014		176832	107514	164,47%
5	PT Aneka Tambang	2018	Rp (Dalam Ribuan)	7342040979	5561931474	132,01%
		2017		9001938755	5552461635	162,13%
		2016		10630221568	4352313598	244,24%
		2015		11252826560	4339330380	259,32%
		2014		6343109936	3862917319	164,21%
6	PT Timah	2018	Rp (Dalam Jutaan)	6907380	3261103	211,81%
		2017		6996966	3402526	205,64%
		2016		5237907	3061232	171,10%
		2015		5444199	2998953	181,54%
		2014		6497516	3460246	187,78%
7	PT Bayan Resources	2018	USD	491460666	397223062	123,72%
		2017		309947294	302639425	102,41%
		2016		224009923	87981651	254,61%
		2015		281558806	149337031	188,54%
		2014		323240003	518794409	62,31%

**Rasio Solvabilitas Perusahaan Pertambangan yang terdaftar di Bursa Efek
Indonesia (BEI) Tahun 2014 – 2018**

No	Nama Perusahaan	Tahun	Mata Uang	<i>Total Liabilities</i>	<i>Total Assets</i>	<i>Debt to Asset Ratio</i>
				Rp/USD	Rp/USD	%
1	PT Adaro Energy	2018	USD (Dalam Ribuan)	2758063	7060755	39,06%
		2017		2722520	6814147	255,94%
		2016		2736375	6522257	247,10%
		2015		2605586	5958629	240,39%
		2014		3154392	6413864	164,17%
2	PT Indo Tambangraya Megah	2018	USD (Dalam Ribuan)	472945	1442728	196,58%
		2017		400524	1358663	243,35%
		2016		302362	1209792	225,68%
		2015		343806	1178363	180,18%
		2014		425874	1310494	156,40%
3	PT Bukit Asam	2018	Rp (Dalam Jutaan)	7903237	24172933	231,51%
		2017		8187497	21987482	252,87%
		2016		8024369	18576774	165,58%
		2015		7606496	16894043	154,35%
		2014		6335533	14860611	207,12%
4	PT Petrosea	2018	USD (Dalam Ribuan)	364459	555591	169,19%
		2017		265373	454201	172,01%
		2016		222976	393425	215,86%
		2015		247091	425368	155,25%
		2014		168167	461732	164,47%
5	PT Aneka Tambang	2018	Rp (Dalam Ribuan)	13746984554	32195350845	132,01%
		2017		11523869935	30014273452	162,13%
		2016		11572740239	29981535812	244,24%
		2015		12040131928	30356850890	259,32%
		2014		9954166791	22004083580	164,21%
6	PT Timah	2018	Rp (Dalam Jutaan)	5673393	11718724	211,81%
		2017		5814816	11876309	205,64%
		2016		3894946	9548631	171,10%
		2015		3908615	9729683	181,54%
		2014		5344017	9843818	187,78%
7	PT Bayan Resources	2018	USD	472793557	1150863891	123,72%
		2017		373209321	888813140	102,41%
		2016		636535687	824686661	254,61%
		2015		765691713	937851728	188,54%
		2014		906124269	1161656314	62,31%

**Rasio Aktivitas Perusahaan Pertambangan yang terdaftar di Bursa Efek
Indonesia (BEI) Tahun 2014 – 2018**

No	Nama Perusahaan	Tahun	Mata Uang	<i>Sales</i>	<i>Total Asset</i>	<i>Total Asset Turn Over</i>
				Rp/USD	Rp/USD	%
1	PT Adaro Energy	2018	USD (Dalam Ribuan)	2758063	7060755	39,06%
		2017		2722520	6814147	255,94%
		2016		2736375	6522257	247,10%
		2015		2605586	5958629	240,39%
		2014		3154392	6413864	164,17%
2	PT Indo Tambangraya Megah	2018	USD (Dalam Ribuan)	472945	1442728	196,58%
		2017		400524	1358663	243,35%
		2016		302362	1209792	225,68%
		2015		343806	1178363	180,18%
		2014		425874	1310494	156,40%
3	PT Bukit Asam	2018	Rp (Dalam Jutaan)	7903237	24172933	231,51%
		2017		8187497	21987482	252,87%
		2016		8024369	18576774	165,58%
		2015		7606496	16894043	154,35%
		2014		6335533	14860611	207,12%
4	PT Petrosea	2018	USD (Dalam Ribuan)	364459	555591	169,19%
		2017		265373	454201	172,01%
		2016		222976	393425	215,86%
		2015		247091	425368	155,25%
		2014		168167	461732	164,47%
5	PT Aneka Tambang	2018	Rp (Dalam Ribuan)	13746984554	32195350845	132,01%
		2017		11523869935	30014273452	162,13%
		2016		11572740239	29981535812	244,24%
		2015		12040131928	30356850890	259,32%
		2014		9954166791	22004083580	164,21%
6	PT Timah Tbk	2018	Rp (Dalam Jutaan)	5673393	11718724	211,81%
		2017		5814816	11876309	205,64%
		2016		3894946	9548631	171,10%
		2015		3908615	9729683	181,54%
		2014		5344017	9843818	187,78%
7	PT Bayan Resources	2018	USD	472793557	1150863891	123,72%
		2017		373209321	888813140	102,41%
		2016		636535687	824686661	254,61%
		2015		765691713	937851728	188,54%
		2014		906124269	1161656314	62,31%

Rasio Profitabilitas Perusahaan Pertambangan yang terdaftar di Bursa Efek Indonesia (BEI) Tahun 2014 – 2018

No	Nama Perusahaan	Tahun	Mata Uang	<i>Current aset</i>	<i>Current Liabilities</i>	<i>Current Ratio</i>
				Rp/USD	Rp/USD	%
1	PT Adaro Energy	2018	USD (Dalam Ribuan)	477541	7060755	6,76%
		2017		536438	6814147	7,87%
		2016		381770	6522257	5,85%
		2015		176397	5958629	2,96%
		2014		148405	6413864	2,31%
2	PT Indo Tambangraya Megah	2018	USD (Dalam Ribuan)	258756	1442728	17,94%
		2017		252703	1358663	18,60%
		2016		130709	1209792	10,80%
		2015		63107	1178363	5,36%
		2014		200971	1310494	15,34%
3	PT Bukit Asam	2018	Rp (Dalam Jutaan)	5121112	24172933	21,19%
		2017		4547232	21987482	20,68%
		2016		2024405	18576774	10,90%
		2015		2037111	16894043	12,06%
		2014		1863781	14860611	12,54%
4	PT Petrosea	2018	USD (Dalam Ribuan)	23166	555591	4,17%
		2017		11887	454201	2,62%
		2016		-7825	393425	-1,99%
		2015		479	425368	0,11%
		2014		2101	461732	0,46%
5	PT Aneka Tambang	2018	Rp (Dalam Ribuan)	1636002591	32195350845	5,08%
		2017		136503269	30014273452	0,45%
		2016		64806188	29981535812	0,22%
		2015		912556051	30356850890	3,01%
		2014		589785669	22004083580	2,68%
6	PT Timah	2018	Rp (Dalam Jutaan)	132285	11718724	1,13%
		2017		502417	11876309	4,23%
		2016		251969	9548631	2,64%
		2015		101561	9729683	1,04%
		2014		672991	9843818	6,84%
7	PT Bayan Resources	2018	USD	495846387	1150863891	43,08%
		2017		338017199	888813140	38,03%
		2016		19082584	824686661	2,31%
		2015		-82113236	937851728	-8,76%
		2014		-189017198	1161656314	-16,27%

EVIIEWS OUPUT

A. Uji Model Regresi

1. Hasil Uji *Common Effect Model*

Dependent Variable: ROI
 Method: Panel Least Squares
 Date: 07/07/20 Time: 18:57
 Sample: 2014 2018
 Periods included: 5
 Cross-sections included: 7
 Total panel (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.062046	0.103866	0.597362	0.5546
CR	0.003751	0.023418	0.160165	0.8738
DAR	-0.280919	0.116202	-2.417512	0.0217
TATO	182477	0.046301	3.941091	0.0004
R-squared	0.526196	Mean dependent var		0.079714
Adjusted R-squared	0.480344	S.D. dependent var		0.114468
S.E. of regression	0.082517	Akaike info criterion		-2.044426
Sum squared resid	0.211078	Schwarz criterion		-1.866672
Log likelihood	39.77745	Hannan-Quinn criter.		-1.983065
F-statistic	11.47597	Durbin-Watson stat		0.505967
Prob(F-statistic)	0.000032			

2. Hasil Uji *Fixed Effect Model*

Dependent Variable: ROI
 Method: Panel Least Squares
 Date: 07/07/20 Time: 19:07
 Sample: 2014 2018
 Periods included: 5
 Cross-sections included: 7
 Total panel (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.100497	0.082156	1.223248	0.2326
CR	0.022987	0.015750	1.459526	0.1569
DAR	-0.645070	0.102585	-6.288142	0.0000
TATO	0.301723	0.049473	6.098771	0.0000

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.865381	Mean dependent var	0.079714
Adjusted R-squared	0.816918	S.D. dependent var	0.114468

S.E. of regression	0.048979	Akaike info criterion	-
Sum squared resid	0.059973	Schwarz criterion	2.959911
Log likelihood	61.79844	Hannan-Quinn criter.	-
F-statistic	17.85654	Durbin-Watson stat	2.515526
Prob(F-statistic)	0.000000		2.806509
			1.705063

3. Hasil Uji Random Effect Model

Dependent Variable: ROI

Method: Panel EGLS (Cross-section random effects)

Date: 07/07/20 Time: 19:52

Sample: 2014 2018

Periods included: 5

Cross-sections included: 7

Total panel (balanced) observations: 35

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.101919	0.077396	1.316846	0.1975
CR	0.014586	0.015294	0.953661	0.3476
DAR	-0.525106	0.092218	5.694206	0.0000
TATO	0.249388	0.041690	5.981992	0.0000

Effects Specification

	S.D.	Rho
Cross-section random	0.047950	0.4894
Idiosyncratic random	0.048979	0.5106

Weighted Statistics

R-squared	0.703722	Mean dependent var	0.033122
Adjusted R-squared	0.675050	S.D. dependent var	0.102918
S.E. of regression	0.058668	Sum squared resid	0.106699
F-statistic	24.54388	Durbin-Watson stat	0.861514
Prob(F-statistic)	0.000000		

Unweighted Statistics

R-squared	0.358088	Mean dependent var	0.079714
Sum squared resid	0.285970	Durbin-Watson stat	0.321443

B. Uji Pemilihan Model

1. Hasil Uji Chow

Redundant Fixed Effects Tests

Equation: Untitled

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	10.498260	(6,25)	0.0000
Cross-section Chi-square	44.041983	6	0.0000

Cross-section fixed effects test equation:

Dependent Variable: ROI

Method: Panel Least Squares

Date: 07/07/20 Time: 19:08

Sample: 2014 2018

Periods included: 5

Cross-sections included: 7

Total panel (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.062046	0.103866	0.597362	0.5546
CR	0.003751	0.023418	0.160165	0.8738
DAR	-0.280919	0.116202	-2.417512	0.0217
TATO	0.182477	0.046301	3.941091	0.0004
R-squared	0.526196	Mean dependent var		0.079714
Adjusted R-squared	0.480344	S.D. dependent var		0.114468
S.E. of regression	0.082517	Akaike info criterion		-2.044426
Sum squared resid	0.211078	Schwarz criterion		-1.866672
Log likelihood	39.77745	Hannan-Quinn criter.		-1.983065
F-statistic	11.47597	Durbin-Watson stat		0.505967
Prob(F-statistic)	0.000032			

2. Uji Hausman

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	16.478395	3	0.0009

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
CR	0.022987	0.014586	0.000014	0.0254
DAR	-0.645070	-0.525106	0.002020	0.0076
TATO	0.301723	0.249388	0.000710	0.0494

Cross-section random effects test equation:

Dependent Variable: ROI

Method: Panel Least Squares

Date: 07/07/20 Time: 19:55

Sample: 2014 2018

Periods included: 5

Cross-sections included: 7

Total panel (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.100497	0.082156	1.223248	0.2326
CR	0.022987	0.015750	1.459526	0.1569
DAR	-0.645070	0.102585	-6.288142	0.0000
TATO	0.301723	0.049473	6.098771	0.0000

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.865381	Mean dependent var	0.079714
Adjusted			
R-squared	0.816918	S.D. dependent var	0.114468
S.E. of			-
regression	0.048979	Akaike info criterion	2.959911
Sum			-
squared			-
resid	0.059973	Schwarz criterion	2.515526
Log			-
likelihood	61.79844	Hannan-Quinn criter.	2.806509
F-statistic	17.85654	Durbin-Watson stat	1.705063
Prob(F-			
statistic)	0.000000		

C. Uji Asumsi Klasik

1. Hasil Uji Multikolinearitas

	CR	DAR	TATO
CR	1.000000	-0.229519	-0.245482
DAR	-0.229519	1.000000	-0.318012
TATO	-0.245482	-0.318012	1.000000

2. Hasil Uji Heteroskedastisitas

Dependent Variable: RESABS
 Method: Panel Least Squares
 Date: 07/07/20 Time: 20:19
 Sample: 2014 2018
 Periods included: 5
 Cross-sections included: 7
 Total panel (balanced) observations: 35

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.021268	0.032984	0.644791	0.5238
CR	0.001707	0.007436	0.229524	0.8200
DAR	0.071838	0.036901	1.946781	0.0607
TATO	0.021614	0.014703	1.470008	0.1516
R-squared	0.133976	Mean dependent var		0.031800
Adjusted R-squared	0.050167	S.D. dependent var		0.026887
S.E. of regression	0.026204	Akaike info criterion		4.338602
Sum squared resid	0.021286	Schwarz criterion		4.160848
Log likelihood	79.92554	Hannan-Quinn criter.		4.277242
F-statistic	1.598590	Durbin-Watson stat		2.080105
Prob(F-statistic)	0.209698			

D. Uji Hipotesis

1. Uji Statistik F

		Mean	
R-squared	0.865381	dependent var	0.079714
Adjusted R-squared	0.816918	S.D. dependent var	0.114468
S.E. of regression	0.048979	Akaike info criterion	-
Sum squared resid	0.059973	Schwarz criterion	-
Log likelihood	61.79844	Hannan-Quinn criter.	2.806509
F-statistic	17.85654	Durbin-Watson stat	1.705063
Prob(F-statistic)	0.000000		

2. Uji Statistik t

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.100497	0.082156	1.223248	0.2326
CR	0.022987	0.015750	1.459526	0.1569
DAR	-0.645070	0.102585	6.288142	0.0000
TATO	0.301723	0.049473	6.098771	0.0000

3. Uji Koefisien Determinasi

Cross-section fixed (dummy variables)

		Mean	
R-squared	0.865381	dependent var	0.079714
Adjusted R-squared	0.816918	S.D. dependent var	0.114468
S.E. of regression	0.048979	Akaike info criterion	-
Sum squared resid	0.059973	Schwarz criterion	-
Log likelihood	61.79844	Hannan-Quinn criter.	2.806509
F-statistic	17.85654	Durbin-Watson stat	1.705063
Prob(F-statistic)	0.000000		