

LAMPIRAN

Lampiran 1 Data Penelitian

Provinsi	Tahun	Upah Minimum Regional/Provinsi (Rupiah)	Pertumbuhan Ekonomi (Persen)	Tingkat Pengangguran Terbuka Menurut Provinsi per Agustus (Persen)
Aceh	2014	1750000	1,55	9,02
	2015	1900000	-0,73	9,93
	2016	2118500	3,29	7,57
	2017	2500000	4,18	6,57
	2018	2700000	4,61	6,34
	2019	2916810	4,14	6,17
	2020	3165031	-0,37	6,59
	2021	3165030	2,81	6,3
	2022	3166460	4,21	6,17
	2023	3413666	4,23	6,03
Sumatera Utara	2014	1505850	5,23	6,23
	2015	1625000	5,1	6,71
	2016	1811875	5,18	5,84
	2017	1961354	5,12	5,6
	2018	2132189	5,18	5,55
	2019	2303403	5,22	5,39
	2020	2499423	-1,07	6,91
	2021	2499422	2,61	6,33
	2022	2522609	4,73	6,16
	2023	2710493	5,01	5,89

Sumatera Barat	2014	1490000	5,88	6,5
	2015	1615000	5,53	6,89
	2016	1800725	5,27	5,09
	2017	1949284	5,3	5,58
	2018	2119067	5,14	5,66
	2019	2289220	5,01	5,38
	2020	2484041	-1,61	6,88
	2021	2571328	3,29	6,52
	2022	2512539	4,36	6,28
	2023	2742476	4,62	5,94
Riau	2014	1700000	2,71	6,56
	2015	1878000	0,22	7,83
	2016	2095000	2,18	7,43
	2017	2358454	2,66	6,22
	2018	2464154	2,35	5,98
	2019	2662026	2,81	5,76
	2020	2888564	-1,13	6,32
	2021	2888563	3,36	4,42
	2022	2938564	4,55	4,37
	2023	3279194	4,21	4,23
Jambi	2014	1502300	7,36	5,08
	2015	1710000	4,21	4,34
	2016	1906650	4,37	4
	2017	2063000	4,6	3,87
	2018	2243719	4,69	3,73
	2019	2423889	4,35	4,06
	2020	2630162	-0,51	5,13
	2021	2630161	3,7	5,09
	2022	2698940	5,12	4,59
	2023	2943000	4,66	4,53
Sumatera Selatan	2014	1825000	4,79	4,96
	2015	1974346	4,42	6,07
	2016	2206000	5,04	4,31
	2017	2388000	5,51	4,39
	2018	2595995	6,01	4,27
	2019	2804453	5,69	4,53
	2020	3043111	-0,11	5,51
	2021	3043111	3,58	4,98

	2022	3144446	5,23	4,63
	2023	3404177	5,08	4,11
Bengkulu	2014	1350000	5,48	3,47
	2015	1500000	5,13	4,91
	2016	1605000	5,28	3,3
	2017	1737412	4,98	3,74
	2018	1888741	4,97	3,35
	2019	2040407	4,94	3,26
	2020	2213604	-0,02	4,07
	2021	2213604	3,27	3,65
	2022	2238094	4,31	3,59
	2023	2418280	4,26	3,42
Lampung	2014	1399037	5,08	4,79
	2015	1581000	5,13	5,14
	2016	1763000	5,14	4,62
	2017	1908447	5,16	4,33
	2018	2074673	5,23	4,04
	2019	2241270	5,26	4,03
	2020	2432002	-1,66	4,67
	2021	2431324	2,77	4,69
	2022	2440486	4,28	4,52
	2023	2633284	4,55	4,23
Kep. Bangka Belitung	2014	1640000	4,67	5,14
	2015	2100000	4,08	6,29
	2016	2341500	4,1	2,6
	2017	2534673	4,47	3,78
	2018	2755444	4,45	3,61
	2019	2976706	3,32	3,58
	2020	3230024	-2,29	5,25
	2021	3230022	5,05	5,03
	2022	3264884	4,4	4,77
	2023	3498479	4,38	4,56
Kep. Riau	2014	1665000	6,6	6,69
	2015	1954000	6,02	6,2
	2016	2178710	4,98	7,69
	2017	2358454	1,98	7,16
	2018	2563875	4,47	8,04
	2019	2769754	4,83	7,5

	2020	3005460	-3,8	10,34
	2021	3005383	3,43	9,91
	2022	2938564	5,09	8,23
	2023	3191662	5,2	6,8
DKI Jakarta	2014	2441000	5,91	8,47
	2015	2700000	5,91	7,23
	2016	3100000	5,87	6,12
	2017	3355750	6,2	7,14
	2018	3648036	6,11	6,65
	2019	3940973	5,82	6,54
	2020	4276350	-2,39	10,95
	2021	4416186	3,55	8,5
	2022	4641854	5,25	7,18
	2023	4900798	4,96	6,53
Jawa Barat	2014	1000000	5,09	8,45
	2015	1000000	5,05	8,72
	2016	2250000	5,66	8,89
	2017	1420624	5,33	8,22
	2018	1544361	5,65	8,23
	2019	1668373	5,02	8,04
	2020	1810351	-2,52	10,46
	2021	1810351	3,74	9,82
	2022	1841487	5,45	8,31
	2023	1986670	5	7,44
Jawa Tengah	2014	910000	5,27	5,68
	2015	910000	5,47	4,99
	2016	-	5,25	4,63
	2017	1367000	5,26	4,57
	2018	1486065	5,3	4,47
	2019	1605396	5,36	4,44
	2020	1742015	-2,65	6,48
	2021	1798979	3,33	5,95
	2022	1812935	5,31	5,57
	2023	1958169	4,98	5,13
DI Yogyakarta	2014	988500	5,17	3,33
	2015	988500	4,95	4,07
	2016	-	5,05	2,72
	2017	1337645	5,26	3,02

	2018	1454154	6,2	3,37
	2019	1570923	6,59	3,18
	2020	1704608	-2,67	4,57
	2021	1765608	5,58	4,56
	2022	1840915	5,15	4,06
	2023	1981782	5,07	3,69
Jawa Timur	2014	1000000	5,86	4,19
	2015	1000000	5,44	4,47
	2016	-	5,57	4,21
	2017	1388000	5,46	4
	2018	1508895	5,47	3,91
	2019	1630059	5,53	3,82
	2020	1768777	-2,33	5,84
	2021	1868000	3,56	5,74
	2022	1891567	5,34	5,49
	2023	2040244	4,95	4,88
Banten	2014	1325000	5,51	9,07
	2015	1600000	5,45	9,55
	2016	1784000	5,28	8,92
	2017	1931180	5,75	9,28
	2018	2099385	5,77	8,47
	2019	2267990	5,26	8,11
	2020	2460997	-3,39	10,64
	2021	2460968	4,49	8,98
	2022	2501203	5,03	8,09
	2023	2661280	4,81	7,52
Bali	2014	1542600	6,73	1,9
	2015	1621172	6,03	1,99
	2016	1807600	6,33	1,89
	2017	1956727	5,56	1,48
	2018	2127157	6,31	1,4
	2019	2297969	5,6	1,57
	2020	2494000	-9,34	5,63
	2021	2494000	-2,46	5,37
	2022	2516971	4,84	4,8
	2023	2713672	5,71	2,69
Nusa Tenggara Barat	2014	1210000	5,17	5,75
	2015	1330000	21,76	5,69

	2016	1482950	5,81	3,94
	2017	1631245	0,09	3,32
	2018	1825000	-4,5	3,58
	2019	2012610	3,9	3,28
	2020	2183883	-0,62	4,22
	2021	2183883	2,3	3,01
	2022	2207212	6,95	2,89
	2023	2371407	1,8	2,8
Nusa atenggara Timur	2014	1150000	5,05	3,26
	2015	1250000	4,92	3,83
	2016	1425000	5,12	3,25
	2017	1525000	5,11	3,27
	2018	1660000	5,11	2,85
	2019	1795000	5,25	3,14
	2020	1950000	-0,84	4,28
	2021	1950000	2,52	3,77
	2022	1975000	3,05	3,54
	2023	2123994	3,52	3,14
Kalimantan Barat	2014	1380000	5,03	4,04
	2015	1560000	4,88	5,15
	2016	1739400	5,2	4,23
	2017	1882900	5,17	4,36
	2018	2046900	5,07	4,18
	2019	2211500	5,09	4,35
	2020	2399699	-1,82	5,81
	2021	2399698	4,8	5,82
	2022	2434328	5,07	5,11
	2023	2608601	4,46	5,05
Kalimantan Tengah	2014	1723970	6,21	3,24
	2015	1896367	7,01	4,54
	2016	2057558	6,35	4,82
	2017	2227307	6,73	4,23
	2018	2421305	5,61	3,91
	2019	2663435	6,12	4,04
	2020	2903145	-1,41	4,58
	2021	2903144	3,59	4,53
	2022	2922516	6,45	4,26
	2023	3181013	4,14	4,1

Kalimantan Selatan	2014	1620000	4,84	3,8
	2015	1870000	3,82	4,92
	2016	2085050	4,4	5,45
	2017	2258000	5,28	4,77
	2018	2454671	5,08	4,35
	2019	2651782	4,09	4,18
	2020	2877449	-1,82	4,74
	2021	2877447	3,48	4,95
	2022	2906473	5,11	4,74
	2023	3149977	4,84	4,31
Kalimantan Timur	2014	1886315	1,71	7,38
	2015	2026126	-1,2	7,5
	2016	2161253	-0,38	7,95
	2017	2354800	3,13	6,91
	2018	2543332	2,64	6,41
	2019	2747561	4,7	5,94
	2020	2981379	-2,9	6,87
	2021	2981378	2,55	6,83
	2022	3014497	4,48	5,71
	2023	3210396	6,22	5,31
Kalimantan Utara	2014	-	8,18	-
	2015	2026126	3,4	5,68
	2016	2175340	3,55	5,23
	2017	2358800	6,8	5,54
	2018	2559903	5,36	5,11
	2019	2765463	6,89	4,49
	2020	3000804	-1,09	4,97
	2021	3000803	3,99	4,58
	2022	3016738	5,32	4,33
	2023	3251702	4,94	4,01
Sulawesi Utara	2014	1900000	6,31	7,54
	2015	2150000	6,12	9,03
	2016	2400000	6,16	6,18
	2017	2598000	6,31	7,18
	2018	2824286	6	6,61
	2019	3051076	5,65	6,01
	2020	3310723	-0,99	7,37
	2021	3310723	4,16	7,06

	2022	3310723	5,42	6,61
	2023	3485000	5,48	6,1
Sulawesi Tengah	2014	1250000	5,07	3,68
	2015	1500000	15,5	4,1
	2016	1670000	9,94	3,29
	2017	1807775	7,1	3,81
	2018	1965232	20,6	3,37
	2019	2123040	8,83	3,11
	2020	2303711	4,86	3,77
	2021	2303711	11,68	3,75
	2022	2390739	15,22	3
	2023	2599546	11,91	2,95
Sulawesi Selatan	2014	1800000	7,54	5,08
	2015	2000000	7,19	5,95
	2016	2250000	7,42	4,8
	2017	2435625	7,21	5,61
	2018	2647767	7,04	4,94
	2019	2860382	6,91	4,62
	2020	3103800	-0,71	6,31
	2021	3165876	4,64	5,72
	2022	3165876	5,1	4,51
	2023	3385145	4,51	4,33
Sulawesi Tenggara	2014	1400000	6,26	4,43
	2015	1652000	6,88	5,55
	2016	1850000	6,51	2,72
	2017	2002625	6,76	3,3
	2018	2177052	6,4	3,19
	2019	2351870	6,5	3,52
	2020	2552015	-0,65	4,58
	2021	2552014	4,1	3,92
	2022	2576016	5,53	3,36
	2023	2758948	5,35	3,15
Gorontalo	2014	1325000	7,27	4,18
	2015	1600000	6,22	4,65
	2016	1875000	6,52	2,76
	2017	2030000	6,73	4,28
	2018	2206813	6,49	3,7
	2019	2384020	6,4	3,76

	2020	2788826	-0,02	4,28
	2021	2586900	2,4	3,01
	2022	2800580	4,04	2,58
	2023	2989350	4,5	3,06
Sulawesi Barat	2014	1400000	8,86	2,08
	2015	1655500	7,31	3,35
	2016	1864000	6,01	3,33
	2017	2017780	6,39	3,21
	2018	2193530	6,26	3,01
	2019	2381000	5,56	2,98
	2020	2678863	-2,34	3,32
	2021	2571328	2,57	3,13
	2022	2678863	2,31	2,34
	2023	2871794	5,25	2,27
Maluku	2014	1415000	6,64	10,51
	2015	1650000	5,48	9,93
	2016	1775000	5,73	7,05
	2017	1925000	5,82	9,29
	2018	2222220	5,91	6,95
	2019	2400664	5,41	6,69
	2020	2604961	-0,91	7,57
	2021	2604961	3,63	6,93
	2022	2619312	5,31	6,88
	2023	2976720	5,21	6,31
Maluku Utara	2014	1440746	5,49	5,29
	2015	1577617	6,1	6,05
	2016	1681266	5,77	4,01
	2017	1975000	7,67	5,33
	2018	2320803	7,86	4,63
	2019	2508091	6,25	4,81
	2020	2721530	5,39	5,15
	2021	2721530	16,79	4,71
	2022	2862231	22,94	3,98
	2023	2976720	20,49	4,31
Papua Barat	2014	1870000	5,38	5,02
	2015	2015000	4,15	8,08
	2016	2237000	4,52	7,46
	2017	2421500	4,02	6,49

	2018	2667000	6,25	6,45
	2019	2934500	2,66	6,43
	2020	3134600	-0,76	6,8
	2021	3134600	-0,51	5,84
	2022	3200000	2,01	5,37
	2023	3282000	5,18	5,38
Papua	2014	2040000	3,65	3,44
	2015	2193000	7,35	3,99
	2016	2435000	9,14	3,35
	2017	2663646	4,64	3,62
	2018	3000000	7,32	3
	2019	3240900	-15,74	3,51
	2020	3516700	2,39	4,28
	2021	3516700	15,16	3,33
	2022	3561932	8,97	2,83
	2023	3864696	4,2	2,67

Lampiran 2 Pemilihan Model Regresi Data Panel

1. Uji chow

Redundant Fixed Effects Tests
Equation: Untitled
Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	41.404144	(33,300)	0.0000
Cross-section Chi-square	576.105756	33	0.0000

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	4.974214	2	0.0832

3. Uji LM

Lagrange Multiplier Tests for Random Effects
Null hypotheses: No effects
Alternative hypotheses: Two-sided (Breusch-Pagan) and one-sided (all others) alternatives

	Test Hypothesis		
	Cross-section	Time	Both
Breusch-Pagan	896.4886 (0.0000)	5.973073 (0.0145)	902.4617 (0.0000)

Lampiran 3 Model Regresi Panel Terpilih

Dependent Variable: PENGANGGURAN

Method: Panel EGLS (Cross-section random effects)

Date: 03/20/25 Time: 13:31

Sample: 2014 2023

Periods included: 10

Cross-sections included: 34

Total panel (unbalanced) observations: 336

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	6.667730	0.368376	18.10034	0.0000
UPAH	-4.39E-07	9.49E-08	-4.624288	0.0000
PDRB	-0.096193	0.014135	-6.805319	0.0000
Effects Specification				
			S.D.	Rho
Cross-section random			1.611468	0.8000
Idiosyncratic random			0.805858	0.2000
Weighted Statistics				
R-squared	0.146805	Mean dependent var		0.819602
Adjusted R-squared	0.141680	S.D. dependent var		0.872924
S.E. of regression	0.809088	Sum squared resid		217.9894
F-statistic	28.64874	Durbin-Watson stat		1.241259
Prob(F-statistic)	0.000000			
Unweighted Statistics				
R-squared	0.004808	Mean dependent var		5.220982
Sum squared resid	1137.542	Durbin-Watson stat		0.237865

Lampiran 4 Hasil Model Estimasi Data Panel

1.Fixed Effect Model

Dependent Variable: PENGANGGURAN
Method: Panel Least Squares
Date: 04/11/25 Time: 14:32
Sample: 2014 2023
Periods included: 10
Cross-sections included: 34
Total panel (unbalanced) observations: 336

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	6.747959	0.246889	27.33192	0.0000
UPAH	-4.70E-07	9.61E-08	-4.889743	0.0000
PDRB	-0.096083	0.014191	-6.770571	0.0000
Effects Specification				
Cross-section fixed (dummy variables)				
R-squared	0.829558	Mean dependent var	5.220982	
Adjusted R-squared	0.809673	S.D. dependent var	1.847174	
S.E. of regression	0.805858	Akaike info criterion	2.507139	
Sum squared resid	194.8221	Schwarz criterion	2.916115	
Log likelihood	-385.1993	Hannan-Quinn criter.	2.670168	
F-statistic	41.71785	Durbin-Watson stat	1.389828	
Prob(F-statistic)	0.000000			

2.Common Effect Model

Dependent Variable: PENGANGGURAN
Method: Panel Least Squares
Date: 04/11/25 Time: 14:33
Sample: 2014 2023
Periods included: 10
Cross-sections included: 34
Total panel (unbalanced) observations: 336

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	5.349278	0.403062	13.27161	0.0000
UPAH	1.64E-07	1.52E-07	1.081813	0.2801
PDRB	-0.109965	0.027669	-3.974351	0.0001
R-squared	0.053285	Mean dependent var	5.220982	
Adjusted R-squared	0.047599	S.D. dependent var	1.847174	
S.E. of regression	1.802676	Akaike info criterion	4.025310	
Sum squared resid	1082.131	Schwarz criterion	4.059392	
Log likelihood	-673.2522	Hannan-Quinn criter.	4.038896	
F-statistic	9.371287	Durbin-Watson stat	0.254133	
Prob(F-statistic)	0.000110			

3.Random Effect Model

Dependent Variable: PENGANGGURAN

Method: Panel EGLS (Cross-section random effects)

Date: 06/11/25 Time: 22:51

Sample: 2014 2023

Periods included: 10

Cross-sections included: 34

Total panel (unbalanced) observations: 336

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	6.667730	0.368376	18.10034	0.0000
UPAH	-4.39E-07	9.49E-08	-4.624288	0.0000
PDRB	-0.096193	0.014135	-6.805319	0.0000

Effects Specification		S.D.	Rho
Cross-section random		1.611468	0.8000
Idiosyncratic random		0.805858	0.2000

Weighted Statistics			
R-squared	0.146805	Mean dependent var	0.819602
Adjusted R-squared	0.141680	S.D. dependent var	0.872924
S.E. of regression	0.809088	Sum squared resid	217.9894
F-statistic	28.64874	Durbin-Watson stat	1.241259
Prob(F-statistic)	0.000000		

Unweighted Statistics			
R-squared	0.004808	Mean dependent var	5.220982
Sum squared resid	1137.542	Durbin-Watson stat	0.237865