LAMPIRAN

LAMPIRAN I

Daftar Sampel Perusahaan *Property and Real Estate* di Bursa Efek Indonesia 2010-2012

NO.	NAMA	KODE	IPO
1	PT. PAKUWON JATI TBK	PWON	09/10/1989
2	PT. SUMMARECON AGUNG TBK	SMRA	07/05/1990
3	PT. DUTA ANGGADA REALTY TBK	DART	08/05/1990
4	PT. RODA VIVATEX TBK	RDTX	14/05/1990
5	PT. INTILAND DEVELOPMENT	DILD	04/09/1991
6	PT. MODERNLAND REALTY LTD TBK	MDLN	18/01/1993
7	PT. CIPUTRA DEVELOPMENT TBK	CTRA	28/03/1994
8	PT. JAYA REAL PROPERTY TBK	JRPT	29/06/1994
9	PT. INDONESIA PRIMA PROPERTY TBK	OMRE	22/08/1994
10	PT. DUTA PERTIWI TBK	DUTI	02/11/1994
11	PT. KAWASAN INDUSTRI JABABEKA TBK	KIJA	10/01/1995
12	PT. SURYAMAS DUTAMAKMUR TBK	SMDM	12/10/1995
13	PT. BHUWANATALA INDAH PERMAI TBK	BLPP	23/10/1995
14	PT. BAKRIELAND DEVELOPMENT TBK	ELTY	30/10/1995
15	PT. LIPPO KARAWACI TBK	LPKR	28/06/1996
16	PT. LIPPO CIKARANG TBK	LPCK	24/07/1997
17	PT. SENTUL CITY TBK	BKSL	28/07/1997
18	PT. RISTIA BINTANG MAHKOTA TBK	RBMS	19/12/1997
19	PT. CIPUTRA SURYA TBK	CTRS	15/01/1999
20	PT. FORTUNE MATE INDONESIA TBK	FMII	30/06/2000
21	PT. GOWA MAKASSAR TOURISM TBK	GMTD	11/12/2000
22	PT. LAMICITRA NUSANTARA TBK	LAMI	18/07/2001
23	PT. BUKIT DARMO PROPERTY TBK	BKDP	15/06/2007
24	PT. PERDANA GAPURAPRIMA TBK	GPRA	10/10/2007
25	PT. CIPUTRA PROPERTY TBK	CPRT	07/11/2007
26	PT. ALAM SUTERA PROPERTY TBK	ASRI	18/12/2007
27	PT. COWELL DEVELOPMENT	COWL	19/12/2007
28	PT. BEKASI ASRI PEMULA TBK	BAPA	14/01/2008
29	PT. BUMI SERPONG DAMAI TBK	BSDE	06/06/2008
30	PT. METROPOLITAN KENTJANA TBK	MKPI	10/07/2009

LAMPIRAN II

DATA VARIABEL PENELITIAN

TAHUN 2010 - 2012

NO.	TAHUN	KODE	ROE	NPM	PER	EPS	RETSHM
1	2010	PWON	22,15	25,78	33,01	27,15	0,43
2	2010	SMRA	10,95	13,82	32,09	33,97	0,29
3	2010	DART	3,64	7,71	19,78	9,41	(0,13)
4	2010	RDTX	23,92	65,53	3,30	635,31	0,75
5	2010	DILD	10,35	43,96	12,57	35,73	(0,67)
6	2010	MDLN	3,47	14,77	19,40	12,62	0,22
7	2010	CTRA	7,94	23,00	20,58	17,01	(0,56)
8	2010	JRPT	17,31	34,10	13,49	95,92	0,48
9	2010	OMRE	26,04	27,90	2,80	60,78	(0,56)
10	2010	DUTI	12,02	32,79	14,55	178,55	1,59
11	2010	KIJA	3,72	10,40	26,62	45,07	0,02
12	2010	SMDM	(0,21)	(1,68)	(219,96)	(0,67)	(0,16)
13	2010	BIPP	(5,36)	(16,75)	(15,84)	(3,06)	0,00
14	2010	ELTY	2,62	15,38	35,07	4,48	(0,39)
15	2010	LPKR	7,71	19,02	27,99	24,29	0,34
16	2010	LPCK	11,58	16,14	4,21	93,83	1,38
17	2010	BKSL	2,02	18,75	47,51	2,29	(0,35)
18	2010	RBMS	0,43	2,97	56,47	1,43	0,06
19	2010	CTRS	6,23	16,21	15,66	48,60	(0,13)
20	2010	FMII	(2,44)	(52,44)	(46,07)	(2,12)	0,11
21	2010	GMTD	21,50	23,27	0,61	270,31	3,49
22	2010	LAMI	13,95	22,24	11,69	24,98	(0,15)
23	2010	BKDP	(2,01)	(32,75)	(57,68)	(2,14)	0,03
24	2010	GPRA	5,54	10,63	12,22	10,25	(0,20)
25	2010	CTRP	4,91	47,57	17,42	27,51	0,14
26	2010	ASRI	13,17	38,01	18,14	16,26	0,37
27	2010	COWL	6,44	8,36	10,97	11,12	(0,41)
28	2010	BAPA	16,93	23,27	12,81	19,51	0,79
29	2010	BSDE	8,47	20,98	39,93	22,54	0,10
30	2010	MKPI	20,47	37,01	10,10	277,26	0,00
31	2011	PWON	15,95	25,61	19,88	28,81	(0,76)
32	2011	SMRA	15,69	16,48	21,93	57,04	0,37
33	2011	DART	2,84	15,24	20,38	22,31	2,18
34	2011	RDTX	13,76	38,51	6,37	423,64	(0,23)

35	2011	DILD	3,88	15,70	8,96	14,22	0,18
36	2011	MDLN	7,76	18,24	7,97	30,10	1,17
37	2011	CTRA	6,46	22,68	16,58	21,42	0,95
38	2011	JRPT	18,24	38,82	17,45	126,07	1,23
39	2011	OMRE	18,09	25,49	5,09	52,05	0,94
40	2011	DUTI	11,85	37,79	7,88	228,32	0,26
41	2011	KIJA	9,31	28,40	11,55	16,45	0,77
42	2011	SMDM	1,69	12,84	15,03	8,64	0,91
43	2011	BIPP	(27,17)	(79,40)	(4,06)	(12,32)	0,38
44	2011	ELTY	0,69	3,71	324,59	(0,48)	(0,19)
45	2011	LPKR	8,65	19,43	26,26	30,69	0,06
46	2011	LPCK	31,37	28,55	4,83	370,23	4,12
47	2011	BKSL	2,97	29,80	60,95	4,32	1,97
48	2011	RBMS	(11,13)	(88,78)	1,76	(42,69)	0,15
49	2011	CTRS	10,23	24,77	8,64	100,72	2,44
50	2011	FMII	(0,22)	(2,25)	(523,15)	(0,19)	0,90
51	2011	GMTD	28,30	25,94	1,37	481,22	0,00
52	2011	LAMI	19,32	34,34	4,71	47,75	0,70
53	2011	BKDP	(2,93)	(117,30)	(40,47)	(2,84)	(0,15)
54	2011	GPRA	6,88	11,52	11,16	13,98	0,99
55	2011	CTRP	4,67	38,32	17,88	27,40	0,90
56	2011	ASRI	21,63	43,64	13,63	33,68	1,03
57	2011	COWL	20,34	18,39	5,33	44,13	1,71
58	2011	BAPA	7,30	19,26	16,30	9,07	0,36
59	2011	BSDE	12,26	36,06	16,94	48,05	0,55
60	2011	MKPI	21,70	39,10	8,51	340,71	0,04
61	2012	PWON	24,45	35,40	14,14	15,53	0,98
62	2012	SMRA	20,76	22,87	17,30	110,60	0,50
63	2012	DART	6,37	21,38	12,37	57,56	0,33
64	2012	RDTX	13,09	37,87	7,54	464,35	1,44
65	2012	DILD	5,07	15,88	8,66	19,34	0,37
66	2012	MDLN	11,70	24,62	14,68	41,57	0,94
67	2012	CTRA	10,02	25,56	14,28	38,84	0,82
68	2012	JRPT	19,26	38,84	19,92	155,61	0,66
69	2012	OMRE	7,36	13,40	14,65	22,87	(0,01)
70	2012	DUTI	11,90	39,09	9,17	331,53	0,67
71	2012	KIJA	9,56	27,13	10,41	19,18	0,30
72	2012	SMDM	2,19	17,30	16,28	11,55	(0,02)
73	2012	BIPP	(17,87)	(50,22)	(11,65)	(7,95)	0,52
74	2012	ELTY	(12,03)	(37,36)	(1,85)	(25,32)	(0,56)
75	2012	LPKR	11,53	21,47	9,30	45,94	0,63

76	2012	LPCK	33,13	40,18	5,51	584,80	1,12
77	2012	BKSL	4,59	35,48	26,85	7,04	(0,10)
78	2012	RBMS	1,36	4,61	2,85	5,89	0,39
79	2012	CTRS	12,37	26,13	16,25	138,42	0,60
80	2012	FMII	0,39	2,60	687,77	0,36	0,21
81	2012	GMTD	27,52	26,83	1,04	633,98	1,39
82	2012	LAMI	12,92	31,84	5,86	36,67	(0,34)
83	2012	BKDP	(8,99)	(435,82)	(11,02)	(7,98)	(0,16)
84	2012	GPRA	8,01	15,78	7,60	13,16	(0,43)
85	2012	CTRP	8,00	38,62	11,56	51,89	0,47
86	2012	ASRI	25,70	49,71	9,69	60,70	0,75
87	2012	COWL	6,14	22,37	10,00	14,30	(0,38)
88	2012	BAPA	5,13	17,82	20,50	6,78	(0,64)
89	2012	BSDE	14,04	39,67	13,12	73,50	0,21
90	2012	MKPI	21,24	40,86	10,19	382,89	1,48

Sumber : *Indonesia Capital Market Directory* 2013

NO.	KODE	CLOSING PRICE				RETURN SAHAM	RETURN SAHAM	RETURN SAHAM
		Apr-10	Apr-11	Apr-12	Apr-13	2010	2011	2012
1	PWON	610	870	205	405	0,43	(0,76)	0,98
2	SMRA	980	1.260	1.730	2.600	0,29	0,37	0,50
3	DART	205	179	570	760	(0,13)	2,18	0,33
4	RDTX	1.500	2.625	2.025	4.950	0,75	(0,23)	1,44
5	DILD	1.100	365	430	590	(0,67)	0,18	0,37
6	MDLN	188	230	500	970	0,22	1,17	0,94
7	CTRA	890	390	760	1.380	(0,56)	0,95	0,82
8	JRPT	176	260	580	960	0,48	1,23	0,66
9	OMRE	400	175	340	335	(0,56)	0,94	(0,01)
10	DUTI	730	1.890	2.375	3.975	1,59	0,26	0,67
11	KIJA	127	130	230	300	0,02	0,77	0,30
12	SMDM	140	118	225	220	(0,16)	0,91	(0,02)
13	BIPP	50	50	69	105	0,00	0,38	0,52
14	ELTY	235	144	117	52	(0,39)	(0,19)	(0,56)
15	LPKR	580	780	830	1.350	0,34	0,06	0,63
16	LPCK	265	630	3.225	6.850	1,38	4,12	1,12
17	BKSL	163	106	315	285	(0,35)	1,97	(0,10)
18	RBMS	90	95	109	151	0,06	0,15	0,39
19	CTRS	700	610	2.100	3.350	(0,13)	2,44	0,60
20	FMII	90	100	190	230	0,11	0,90	0,21
21	GMTD	147	660	660	1.580	3,49	0,00	1,39
22	LAMI	235	200	340	225	(0,15)	0,70	(0,34)
23	BKDP	137	141	120	101	0,03	(0,15)	(0,16)
24	GPRA	148	118	235	133	(0,20)	0,99	(0,43)
25	CTRP	365	415	790	1.160	0,14	0,90	0,47
26	ASRI	215	295	600	1.050	0,37	1,03	0,75
27	COWL	205	120	325	200	(0,41)	1,71	(0,38)
28	BAPA	140	250	340	122	0,79	0,36	(0,64)
29	BSDE	840	920	1.430	1.730	0,10	0,55	0,21
30	MKPI	2.800	2.800	2.900	7.200	0,00	0,04	1,48

Sumber : *Indonesia Capital Market Directory* 2013

LAMPIRAN III

Hasil Pengujian Data dengan Mengunakan IBM SPSS 21

Hasil Analisis Statistik Deskriptif

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
RETSHM	90	-,76	4,12	,4772	,82611
ROE	90	-27,17	33,13	9,4306	10,37897
NPM	90	-435,82	65,53	12,2973	55,63274
PER	90	-523,15	687,77	14,0740	101,57576
EPS	90	-42,69	635,31	86,9366	149,83118
Valid N (listwise)	90				

Hasil Uji Asumsi Klasik

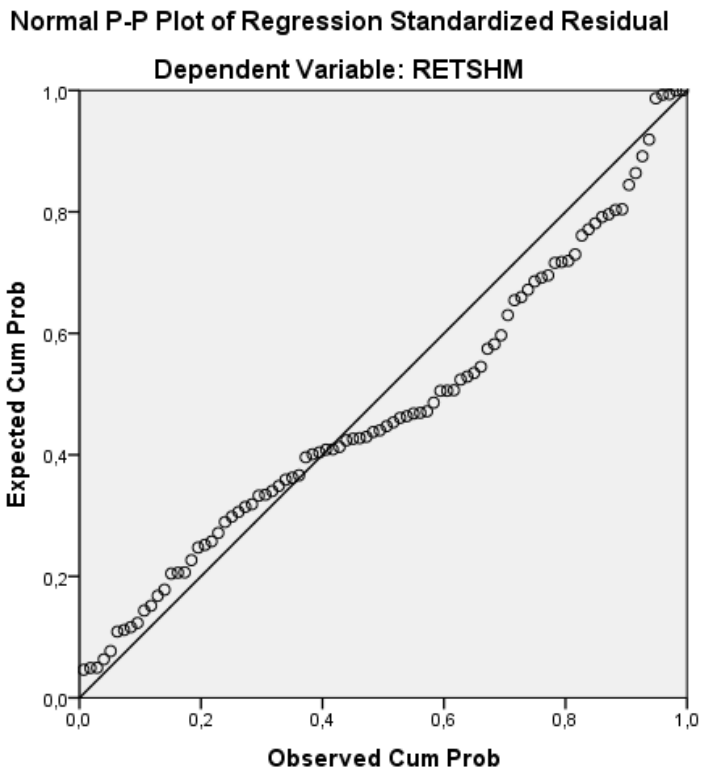
a. Hasil Uji Normalitas

One-Sample Kolmogorov-Smirnov Test

		ROE	NPM	PER	EPS	RETSHM
N		90	90	90	90	90
Normal Parameters[a,b]	Mean	9,430	12,297	14,074	86,936	,477
	Std. Deviation	10,378	55,632	101,575	149,831	,826
Most Extreme Differences	Absolute	,076	,309	,351	,325	,109
	Positive	,062	,251	,351	,325	,109
	Negative	-,076	-,309	-,340	-,232	-,071
Kolmogorov-Smirnov Z		,723	2,928	3,334	3,082	1,031
Asymp. Sig. (2-tailed)		,672	,000	,000	,000	,238

a. Test distribution is Normal.

b. Calculated from data.



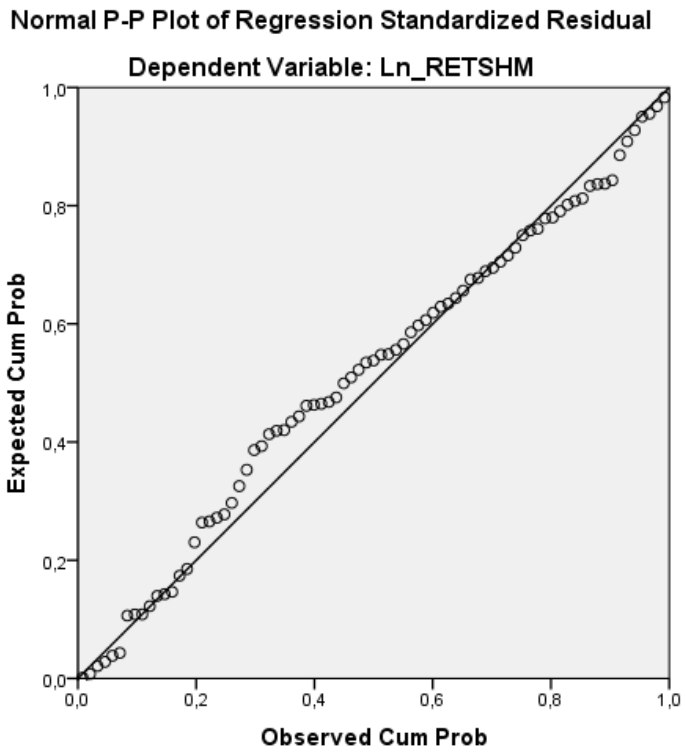
b. Hasil Uji Normalitas setelah Transformasi

One-Sample Kolmogorov-Smirnov Test

		Ln ROE	Ln NPM	Ln PER	Ln EPS	Ln RETSHM
N		79	79	79	79	79
Normal Parameters[a,b]	Mean	2,2630	3,1507	2,6491	3,5477	,2461
	Std. Deviation	,83697	,56742	,90554	1,58393	,55575
Most Extreme Differences	Absolute	,093	,097	,145	,086	,071
	Positive	,067	,089	,145	,086	,047
	Negative	-,093	-,097	-,101	-,073	-,071
Kolmogorov-Smirnov Z		,841	,858	1,300	,778	,678
Asymp. Sig. (2-tailed)		,479	,454	,068	,580	,748

a. Test distribution is Normal.

b. Calculated from data.



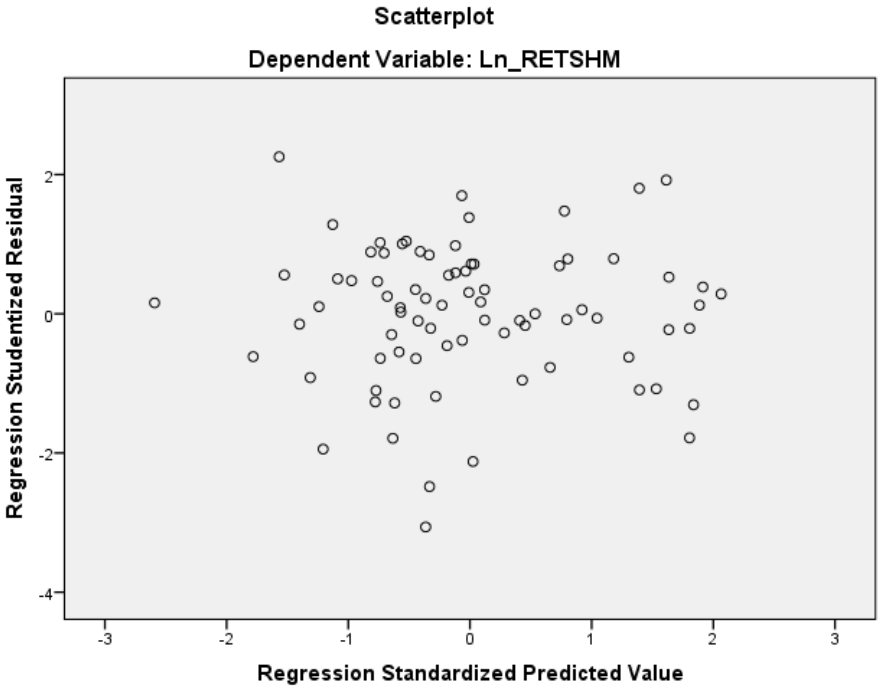
c. Hasil Uji Multikolineritas

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			Collinearity Statistics	
		B	Std. Error	Beta	t	Sig.	Tolerance	VIF
1	(Constant)	-,097	,535		-,182	,856		
	Ln_ROE	-,047	,154	-,061	-,303	,763	,286	3,502
	Ln_NPM	-,086	,163	-,086	-,531	,597	,442	2,263
	Ln_PER	,017	,095	,026	,173	,863	,519	1,925
	Ln_EPS	,194	,078	,494	2,491	,015	,294	3,401

a. Dependent Variable: Ln_RETSHM

d. Hasil Uji Heteroskedastisitas



e. Hasil Uji Autokolerasi

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	,381[a]	,145	,099	,54203	1,818

a. Predictors: (Constant), Ln_EPS, Ln_NPM, Ln_PER, Ln_ROE

b. Dependent Variable: Ln_RETSHM

Hasil Uji Hipotesis

a. Hasil Uji *Adjusted* R^2

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,529[a]	,279	,229	,10535

a. Predictors: (Constant), SIZE, LEV, GROWTH, PROFIT

b. Dependent Variable: CSRD

b. Uji Statistik F

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	3,686	4	,921	3,136	,019[b]
	Residual	21,741	74	,294		
	Total	25,427	78			

a. Dependent Variable: Ln_RETSHM

b. Predictors: (Constant), Ln_EPS, Ln_NPM, Ln_PER, Ln_ROE

c. Uji Statistik t

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	-,097	,535		-,182	,856
	Ln_ROE	-,047	,154	-,061	-,303	,763
	Ln_NPM	-,086	,163	-,086	-,531	,597
	Ln_PER	,017	,095	,026	,173	,863
	Ln_EPS	,194	,078	,494	2,491	,015

a. Dependent Variable: Ln_RETSHM

LAMPIRAN IV
TABEL DW
Tabel Durbin-Watson (DW), α = 5%

	k=1		k=2		k=3		k=4		k=5	
n	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU
6	0.6102	14.002								
7	0.6996	13.564	0.4672	18.964						
8	0.7629	13.324	0.5591	17.771	0.3674	22.866				
9	0.8243	13.199	0.6291	16.993	0.4548	21.282	0.2957	25.881		
10	0.8791	13.197	0.6972	16.413	0.5253	20.163	0.3760	24.137	0.2427	28.217
11	0.9273	13.241	0.7580	16.044	0.5948	19.280	0.4441	22.833	0.3155	26.446
12	0.9708	13.314	0.8122	15.794	0.6577	18.640	0.5120	21.766	0.3796	25.061
13	10.097	13.404	0.8612	15.621	0.7147	18.159	0.5745	20.943	0.4445	23.897
14	10.450	13.503	0.9054	15.507	0.7667	17.788	0.6321	20.296	0.5052	22.959
15	10.770	13.605	0.9455	15.432	0.8140	17.501	0.6852	19.774	0.5620	22.198
16	11.062	13.709	0.9820	15.386	0.8572	17.277	0.7340	19.351	0.6150	21.567
17	11.330	13.812	10.154	15.361	0.8968	17.101	0.7790	19.005	0.6641	21.041
18	11.576	13.913	10.461	15.353	0.9331	16.961	0.8204	18.719	0.7098	20.600
19	11.804	14.012	10.743	15.355	0.9666	16.851	0.8588	18.482	0.7523	20.226
20	12.015	14.107	11.004	15.367	0.9976	16.763	0.8943	18.283	0.7918	19.908
21	12.212	14.200	11.246	15.385	10.262	16.694	0.9272	18.116	0.8286	19.635
22	12.395	14.289	11.471	15.408	10.529	16.640	0.9578	17.974	0.8629	19.400
23	12.567	14.375	11.682	15.435	10.778	16.597	0.9864	17.855	0.8949	19.196
24	12.728	14.458	11.878	15.464	11.010	16.565	10.131	17.753	0.9249	19.018
25	12.879	14.537	12.063	15.495	11.228	16.540	10.381	17.666	0.9530	18.863
26	13.022	14.614	12.236	15.528	11.432	16.523	10.616	17.591	0.9794	18.727
27	13.157	14.688	12.399	15.562	11.624	16.510	10.836	17.527	10.042	18.608
28	13.284	14.759	12.553	15.596	11.805	16.503	11.044	17.473	10.276	18.502
29	13.405	14.828	12.699	15.631	11.976	16.499	11.241	17.426	10.497	18.409
30	13.520	14.894	12.837	15.666	12.138	16.498	11.426	17.386	10.706	18.326
31	13.630	14.957	12.969	15.701	12.292	16.500	11.602	17.352	10.904	18.252
32	13.734	15.019	13.093	15.736	12.437	16.505	11.769	17.323	11.092	18.187
33	13.834	15.078	13.212	15.770	12.576	16.511	11.927	17.298	11.270	18.128
34	13.929	15.136	13.325	15.805	12.707	16.519	12.078	17.277	11.439	18.076
35	14.019	15.191	13.433	15.838	12.833	16.528	12.221	17.259	11.601	18.029
36	14.107	15.245	13.537	15.872	12.953	16.539	12.358	17.245	11.755	17.987
37	14.190	15.297	13.635	15.904	13.068	16.550	12.489	17.233	11.901	17.950
38	14.270	15.348	13.730	15.937	13.177	16.563	12.614	17.223	12.042	17.916
39	14.347	15.396	13.821	15.969	13.283	16.575	12.734	17.215	12.176	17.886
40	14.421	15.444	13.908	16.000	13.384	16.589	12.848	17.209	12.305	17.859
41	14.493	15.490	13.992	16.031	13.480	16.603	12.958	17.205	12.428	17.835

42	14.562	15.534	14.073	16.061	13.573	16.617	13.064	17.202	12.546	17.814
43	14.628	15.577	14.151	16.091	13.663	16.632	13.166	17.200	12.660	17.794
44	14.692	15.619	14.226	16.120	13.749	16.647	13.263	17.200	12.769	17.777
45	14.754	15.660	14.298	16.148	13.832	16.662	13.357	17.200	12.874	17.762
46	14.814	15.700	14.368	16.176	13.912	16.677	13.448	17.201	12.976	17.748
47	14.872	15.739	14.435	16.204	13.989	16.692	13.535	17.203	13.073	17.736
48	14.928	15.776	14.500	16.231	14.064	16.708	13.619	17.206	13.167	17.725
49	14.982	15.813	14.564	16.257	14.136	16.723	13.701	17.210	13.258	17.716
50	15.035	15.849	14.625	16.283	14.206	16.739	13.779	17.214	13.346	17.708
51	15.086	15.884	14.684	16.309	14.273	16.754	13.855	17.218	13.431	17.701
52	15.135	15.917	14.741	16.334	14.339	16.769	13.929	17.223	13.512	17.694
53	15.183	15.951	14.797	16.359	14.402	16.785	14.000	17.228	13.592	17.689
54	15.230	15.983	14.851	16.383	14.464	16.800	14.069	17.234	13.669	17.684
55	15.276	16.014	14.903	16.406	14.523	16.815	14.136	17.240	13.743	17.681
56	15.320	16.045	14.954	16.430	14.581	16.830	14.201	17.246	13.815	17.678
57	15.363	16.075	15.004	16.452	14.637	16.845	14.264	17.253	13.885	17.675
58	15.405	16.105	15.052	16.475	14.692	16.860	14.325	17.259	13.953	17.673
59	15.446	16.134	15.099	16.497	14.745	16.875	14.385	17.266	14.019	17.672
60	15.485	16.162	15.144	16.518	14.797	16.889	14.443	17.274	14.083	17.671
61	15.524	16.189	15.189	16.540	14.847	16.904	14.499	17.281	14.146	17.671
62	15.562	16.216	15.232	16.561	14.896	16.918	14.554	17.288	14.206	17.671
63	15.599	16.243	15.274	16.581	14.943	16.932	14.607	17.296	14.265	17.671
64	15.635	16.268	15.315	16.601	14.990	16.946	14.659	17.303	14.322	17.672
65	15.670	16.294	15.355	16.621	15.035	16.960	14.709	17.311	14.378	17.673
66	15.704	16.318	15.395	16.640	15.079	16.974	14.758	17.319	14.433	17.675
67	15.738	16.343	15.433	16.660	15.122	16.988	14.806	17.327	14.486	17.676
68	15.771	16.367	15.470	16.678	15.164	17.001	14.853	17.335	14.537	17.678
69	15.803	16.390	15.507	16.697	15.205	17.015	14.899	17.343	14.588	17.680
70	15.834	16.413	15.542	16.715	15.245	17.028	14.943	17.351	14.637	17.683
71	15.865	16.435	15.577	16.733	15.284	17.041	14.987	17.358	14.685	17.685
72	15.895	16.457	15.611	16.751	15.323	17.054	15.029	17.366	14.732	17.688
73	15.924	16.479	15.645	16.768	15.360	17.067	15.071	17.375	14.778	17.691
74	15.953	16.500	15.677	16.785	15.397	17.079	15.112	17.383	14.822	17.694
75	15.981	16.521	15.709	16.802	15.432	17.092	15.151	17.390	14.866	17.698
76	16.009	16.541	15.740	16.819	15.467	17.104	15.190	17.399	14.909	17.701
77	16.036	16.561	15.771	16.835	15.502	17.117	15.228	17.407	14.950	17.704
78	16.063	16.581	15.801	16.851	15.535	17.129	15.265	17.415	14.991	17.708
79	16.089	16.601	15.830	16.867	15.568	17.141	15.302	17.423	15.031	17.712
80	16.114	16.620	15.859	16.882	15.600	17.153	15.337	17.430	15.070	17.716
81	16.139	16.639	15.888	16.898	15.632	17.164	15.372	17.438	15.109	17.720
82	16.164	16.657	15.915	16.913	15.663	17.176	15.406	17.446	15.146	17.724
83	16.188	16.675	15.942	16.928	15.693	17.187	15.440	17.454	15.183	17.728

84	16.212	16.693	15.969	16.942	15.723	17.199	15.472	17.462	15.219	17.732
85	16.235	16.711	15.995	16.957	15.752	17.210	15.505	17.470	15.254	17.736
86	16.258	16.728	16.021	16.971	15.780	17.221	15.536	17.478	15.289	17.740
87	16.280	16.745	16.046	16.985	15.808	17.232	15.567	17.485	15.322	17.745
88	16.302	16.762	16.071	16.999	15.836	17.243	15.597	17.493	15.356	17.749
89	16.324	16.778	16.095	17.013	15.863	17.254	15.627	17.501	15.388	17.754
90	16.345	16.794	16.119	17.026	15.889	17.264	15.656	17.508	15.420	17.758
91	16.366	16.810	16.143	17.040	15.915	17.275	15.685	17.516	15.452	17.763
92	16.387	16.826	16.166	17.053	15.941	17.285	15.713	17.523	15.482	17.767
93	16.407	16.841	16.188	17.066	15.966	17.295	15.741	17.531	15.513	17.772
94	16.427	16.857	16.211	17.078	15.991	17.306	15.768	17.538	15.542	17.776
95	16.447	16.872	16.233	17.091	16.015	17.316	15.795	17.546	15.572	17.781
96	16.466	16.887	16.254	17.103	16.039	17.326	15.821	17.553	15.600	17.785
97	16.485	16.901	16.275	17.116	16.063	17.335	15.847	17.560	15.628	17.790
98	16.504	16.916	16.296	17.128	16.086	17.345	15.872	17.567	15.656	17.795
99	16.522	16.930	16.317	17.140	16.108	17.355	15.897	17.575	15.683	17.799
100	16.540	16.944	16.337	17.152	16.131	17.364	15.922	17.582	15.710	17.804

Sumber : http://junaidichaniago.wordpress.com

LAMPIRAN V

TABEL F

Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)									
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
1	161	199	216	225	230	234	237	239	241	242
2	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38	19.40
3	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81	8.79
4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6.00	5.96
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.74
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10	4.06
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.64
8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39	3.35
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18	3.14
10	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02	2.98
11	4.84	3.98	3.59	3.36	3.20	3.09	3.01	2.95	2.90	2.85
12	4.75	3.89	3.49	3.26	3.11	3.00	2.91	2.85	2.80	2.75
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71	2.67
14	4.60	3.74	3.34	3.11	2.96	2.85	2.76	2.70	2.65	2.60
15	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59	2.54
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49
17	4.45	3.59	3.20	2.96	2.81	2.70	2.61	2.55	2.49	2.45
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46	2.41
19	4.38	3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42	2.38
20	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.45	2.39	2.35
21	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37	2.32
22	4.30	3.44	3.05	2.82	2.66	2.55	2.46	2.40	2.34	2.30
23	4.28	3.42	3.03	2.80	2.64	2.53	2.44	2.37	2.32	2.27
24	4.26	3.40	3.01	2.78	2.62	2.51	2.42	2.36	2.30	2.25
25	4.24	3.39	2.99	2.76	2.60	2.49	2.40	2.34	2.28	2.24
26	4.23	3.37	2.98	2.74	2.59	2.47	2.39	2.32	2.27	2.22
27	4.21	3.35	2.96	2.73	2.57	2.46	2.37	2.31	2.25	2.20
28	4.20	3.34	2.95	2.71	2.56	2.45	2.36	2.29	2.24	2.19
29	4.18	3.33	2.93	2.70	2.55	2.43	2.35	2.28	2.22	2.18
30	4.17	3.32	2.92	2.69	2.53	2.42	2.33	2.27	2.21	2.16
31	4.16	3.30	2.91	2.68	2.52	2.41	2.32	2.25	2.20	2.15
32	4.15	3.29	2.90	2.67	2.51	2.40	2.31	2.24	2.19	2.14
33	4.14	3.28	2.89	2.66	2.50	2.39	2.30	2.23	2.18	2.13
34	4.13	3.28	2.88	2.65	2.49	2.38	2.29	2.23	2.17	2.12
35	4.12	3.27	2.87	2.64	2.49	2.37	2.29	2.22	2.16	2.11

36	4.11	3.26	2.87	2.63	2.48	2.36	2.28	2.21	2.15	2.11
37	4.11	3.25	2.86	2.63	2.47	2.36	2.27	2.20	2.14	2.10
38	4.10	3.24	2.85	2.62	2.46	2.35	2.26	2.19	2.14	2.09
39	4.09	3.24	2.85	2.61	2.46	2.34	2.26	2.19	2.13	2.08
40	4.08	3.23	2.84	2.61	2.45	2.34	2.25	2.18	2.12	2.08
41	4.08	3.23	2.83	2.60	2.44	2.33	2.24	2.17	2.12	2.07
42	4.07	3.22	2.83	2.59	2.44	2.32	2.24	2.17	2.11	2.06
43	4.07	3.21	2.82	2.59	2.43	2.32	2.23	2.16	2.11	2.06
44	4.06	3.21	2.82	2.58	2.43	2.31	2.23	2.16	2.10	2.05
45	4.06	3.20	2.81	2.58	2.42	2.31	2.22	2.15	2.10	2.05
46	4.05	3.20	2.81	2.57	2.42	2.30	2.22	2.15	2.09	2.04
47	4.05	3.20	2.80	2.57	2.41	2.30	2.21	2.14	2.09	2.04
48	4.04	3.19	2.80	2.57	2.41	2.29	2.21	2.14	2.08	2.03
49	4.04	3.19	2.79	2.56	2.40	2.29	2.20	2.13	2.08	2.03
50	4.03	3.18	2.79	2.56	2.40	2.29	2.20	2.13	2.07	2.03
51	4.03	3.18	2.79	2.55	2.40	2.28	2.20	2.13	2.07	2.02
52	4.03	3.18	2.78	2.55	2.39	2.28	2.19	2.12	2.07	2.02
53	4.02	3.17	2.78	2.55	2.39	2.28	2.19	2.12	2.06	2.01
54	4.02	3.17	2.78	2.54	2.39	2.27	2.18	2.12	2.06	2.01
55	4.02	3.16	2.77	2.54	2.38	2.27	2.18	2.11	2.06	2.01
56	4.01	3.16	2.77	2.54	2.38	2.27	2.18	2.11	2.05	2.00
57	4.01	3.16	2.77	2.53	2.38	2.26	2.18	2.11	2.05	2.00
58	4.01	3.16	2.76	2.53	2.37	2.26	2.17	2.10	2.05	2.00
59	4.00	3.15	2.76	2.53	2.37	2.26	2.17	2.10	2.04	2.00
60	4.00	3.15	2.76	2.53	2.37	2.25	2.17	2.10	2.04	1.99
61	4.00	3.15	2.76	2.52	2.37	2.25	2.16	2.09	2.04	1.99
62	4.00	3.15	2.75	2.52	2.36	2.25	2.16	2.09	2.03	1.99
63	3.99	3.14	2.75	2.52	2.36	2.25	2.16	2.09	2.03	1.98
64	3.99	3.14	2.75	2.52	2.36	2.24	2.16	2.09	2.03	1.98
65	3.99	3.14	2.75	2.51	2.36	2.24	2.15	2.08	2.03	1.98
66	3.99	3.14	2.74	2.51	2.35	2.24	2.15	2.08	2.03	1.98
67	3.98	3.13	2.74	2.51	2.35	2.24	2.15	2.08	2.02	1.98
68	3.98	3.13	2.74	2.51	2.35	2.24	2.15	2.08	2.02	1.97
69	3.98	3.13	2.74	2.50	2.35	2.23	2.15	2.08	2.02	1.97
70	3.98	3.13	2.74	2.50	2.35	2.23	2.14	2.07	2.02	1.97
71	3.98	3.13	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.97
72	3.97	3.12	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.96
73	3.97	3.12	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.96
74	3.97	3.12	2.73	2.50	2.34	2.22	2.14	2.07	2.01	1.96
75	3.97	3.12	2.73	2.49	2.34	2.22	2.13	2.06	2.01	1.96
76	3.97	3.12	2.72	2.49	2.33	2.22	2.13	2.06	2.01	1.96
77	3.97	3.12	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.96

78	3.96	3.11	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.95
79	3.96	3.11	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.95
80	3.96	3.11	2.72	2.49	2.33	2.21	2.13	2.06	2.00	1.95
81	3.96	3.11	2.72	2.48	2.33	2.21	2.12	2.05	2.00	1.95
82	3.96	3.11	2.72	2.48	2.33	2.21	2.12	2.05	2.00	1.95
83	3.96	3.11	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.95
84	3.95	3.11	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.95
85	3.95	3.10	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.94
86	3.95	3.10	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.94
87	3.95	3.10	2.71	2.48	2.32	2.20	2.12	2.05	1.99	1.94
88	3.95	3.10	2.71	2.48	2.32	2.20	2.12	2.05	1.99	1.94
89	3.95	3.10	2.71	2.47	2.32	2.20	2.11	2.04	1.99	1.94
90	3.95	3.10	2.71	2.47	2.32	2.20	2.11	2.04	1.99	1.94
91	3.95	3.10	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.94
92	3.94	3.10	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.94
93	3.94	3.09	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.93
94	3.94	3.09	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.93
95	3.94	3.09	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.93
96	3.94	3.09	2.70	2.47	2.31	2.19	2.11	2.04	1.98	1.93
97	3.94	3.09	2.70	2.47	2.31	2.19	2.11	2.04	1.98	1.93
98	3.94	3.09	2.70	2.46	2.31	2.19	2.10	2.03	1.98	1.93
99	3.94	3.09	2.70	2.46	2.31	2.19	2.10	2.03	1.98	1.93
100	3.94	3.09	2.70	2.46	2.31	2.19	2.10	2.03	1.97	1.93

Sumber : http://junaidichaniago.wordpress.com

LAMPIRAN VI
TABEL t

d.f.	TINGKAT SIGNIFIKANSI						
dua sisi	20%	10%	5%	2%	1%	0,2%	0,1%
satu sisi	10%	5%	2,5%	1%	0,5%	0,1%	0,05%
1	3,078	6,314	12,706	31,821	63,657	318,309	636,619
2	1,886	2,920	4,303	6,965	9,925	22,327	31,599
3	1,638	2,353	3,182	4,541	5,841	10,215	12,924
4	1,533	2,132	2,776	3,747	4,604	7,173	8,610
5	1,476	2,015	2,571	3,365	4,032	5,893	6,869
6	1,440	1,943	2,447	3,143	3,707	5,208	5,959
7	1,415	1,895	2,365	2,998	3,499	4,785	5,408
8	1,397	1,860	2,306	2,896	3,355	4,501	5,041
9	1,383	1,833	2,262	2,821	3,250	4,297	4,781
10	1,372	1,812	2,228	2,764	3,169	4,144	4,587
11	1,363	1,796	2,201	2,718	3,106	4,025	4,437
12	1,356	1,782	2,179	2,681	3,055	3,930	4,318
13	1,350	1,771	2,160	2,650	3,012	3,852	4,221
14	1,345	1,761	2,145	2,624	2,977	3,787	4,140
15	1,341	1,753	2,131	2,602	2,947	3,733	4,073
16	1,337	1,746	2,120	2,583	2,921	3,686	4,015
17	1,333	1,740	2,110	2,567	2,898	3,646	3,965
18	1,330	1,734	2,101	2,552	2,878	3,610	3,922
19	1,328	1,729	2,093	2,539	2,861	3,579	3,883
20	1,325	1,725	2,086	2,528	2,845	3,552	3,850
21	1,323	1,721	2,080	2,518	2,831	3,527	3,819
22	1,321	1,717	2,074	2,508	2,819	3,505	3,792
23	1,319	1,714	2,069	2,500	2,807	3,485	3,768
24	1,318	1,711	2,064	2,492	2,797	3,467	3,745
25	1,316	1,708	2,060	2,485	2,787	3,450	3,725
26	1,315	1,706	2,056	2,479	2,779	3,435	3,707
27	1,314	1,703	2,052	2,473	2,771	3,421	3,690
28	1,313	1,701	2,048	2,467	2,763	3,408	3,674
29	1,311	1,699	2,045	2,462	2,756	3,396	3,659
30	1,310	1,697	2,042	2,457	2,750	3,385	3,646
31	1,309	1,696	2,040	2,453	2,744	3,375	3,633
32	1,309	1,694	2,037	2,449	2,738	3,365	3,622
33	1,308	1,692	2,035	2,445	2,733	3,356	3,611
34	1,307	1,691	2,032	2,441	2,728	3,348	3,601
35	1,306	1,690	2,030	2,438	2,724	3,340	3,591

36	1,306	1,688	2,028	2,434	2,719	3,333	3,582
37	1,305	1,687	2,026	2,431	2,715	3,326	3,574
38	1,304	1,686	2,024	2,429	2,712	3,319	3,566
39	1,304	1,685	2,023	2,426	2,708	3,313	3,558
40	1,303	1,684	2,021	2,423	2,704	3,307	3,551
41	1,303	1,683	2,020	2,421	2,701	3,301	3,544
42	1,302	1,682	2,018	2,418	2,698	3,296	3,538
43	1,302	1,681	2,017	2,416	2,695	3,291	3,532
44	1,301	1,680	2,015	2,414	2,692	3,286	3,526
45	1,301	1,679	2,014	2,412	2,690	3,281	3,520
46	1,300	1,679	2,013	2,410	2,687	3,277	3,515
47	1,300	1,678	2,012	2,408	2,685	3,273	3,510
48	1,299	1,677	2,011	2,407	2,682	3,269	3,505
49	1,299	1,677	2,010	2,405	2,680	3,265	3,500
50	1,299	1,676	2,009	2,403	2,678	3,261	3,496
51	1,298	1,675	2,008	2,402	2,676	3,258	3,492
52	1,298	1,675	2,007	2,400	2,674	3,255	3,488
53	1,298	1,674	2,006	2,399	2,672	3,251	3,484
54	1,297	1,674	2,005	2,397	2,670	3,248	3,480
55	1,297	1,673	2,004	2,396	2,668	3,245	3,476
56	1,297	1,673	2,003	2,395	2,667	3,242	3,473
57	1,297	1,672	2,002	2,394	2,665	3,239	3,470
58	1,296	1,672	2,002	2,392	2,663	3,237	3,466
59	1,296	1,671	2,001	2,391	2,662	3,234	3,463
60	1,296	1,671	2,000	2,390	2,660	3,232	3,460
61	1,296	1,670	2,000	2,389	2,659	3,229	3,457
62	1,295	1,670	1,999	2,388	2,657	3,227	3,454
63	1,295	1,669	1,998	2,387	2,656	3,225	3,452
64	1,295	1,669	1,998	2,386	2,655	3,223	3,449
65	1,295	1,669	1,997	2,385	2,654	3,220	3,447
66	1,295	1,668	1,997	2,384	2,652	3,218	3,444
67	1,294	1,668	1,996	2,383	2,651	3,216	3,442
68	1,294	1,668	1,995	2,382	2,650	3,214	3,439
69	1,294	1,667	1,995	2,382	2,649	3,213	3,437
70	1,294	1,667	1,994	2,381	2,648	3,211	3,435
71	1,294	1,667	1,994	2,380	2,647	3,209	3,433
72	1,293	1,666	1,993	2,379	2,646	3,207	3,431
73	1,293	1,666	1,993	2,379	2,645	3,206	3,429
74	1,293	1,666	1,993	2,378	2,644	3,204	3,427
75	1,293	1,665	1,992	2,377	2,643	3,202	3,425
76	1,293	1,665	1,992	2,376	2,642	3,201	3,423

77	1,293	1,665	1,991	2,376	2,641	3,199	3,421
78	1,292	1,665	1,991	2,375	2,640	3,198	3,420
79	1,292	1,664	1,990	2,374	2,640	3,197	3,418
80	1,292	1,664	1,990	2,374	2,639	3,195	3,416
81	1,292	1,664	1,990	2,373	2,638	3,194	3,415
82	1,292	1,664	1,989	2,373	2,637	3,193	3,413
83	1,292	1,663	1,989	2,372	2,636	3,191	3,412
84	1,292	1,663	1,989	2,372	2,636	3,190	3,410
85	1,292	1,663	1,988	2,371	2,635	3,189	3,409
86	1,291	1,663	1,988	2,370	2,634	3,188	3,407
87	1,291	1,663	1,988	2,370	2,634	3,187	3,406
88	1,291	1,662	1,987	2,369	2,633	3,185	3,405
89	1,291	1,662	1,987	2,369	2,632	3,184	3,403
90	1,291	1,662	1,987	2,368	2,632	3,183	3,402
91	1,291	1,662	1,986	2,368	2,631	3,182	3,401
92	1,291	1,662	1,986	2,368	2,630	3,181	3,399
93	1,291	1,661	1,986	2,367	2,630	3,180	3,398
94	1,291	1,661	1,986	2,367	2,629	3,179	3,397
95	1,291	1,661	1,985	2,366	2,629	3,178	3,396
96	1,290	1,661	1,985	2,366	2,628	3,177	3,395
97	1,290	1,661	1,985	2,365	2,627	3,176	3,394
98	1,290	1,661	1,984	2,365	2,627	3,175	3,393
99	1,290	1,660	1,984	2,365	2,626	3,175	3,392
100	1,290	1,660	1,984	2,364	2,626	3,174	3,390

Sumber : http://junaidichaniago.wordpress.com