

LAMPIRAN

Perhitungan Return On Asset
Rumus = Laba Bersih : Total Aset

No	Perusahaan / Tahun	Labar Bersih	Total Aset	ROA
1	ACES 2018	976.273.356.597	5.321.180.855.541	0,18
2	AMRT 2018	668.426.000.000	22.165.968.000.000	0,03
3	CSAP 2018	89.609.693.000	5.785.287.553.000	0,02
4	DIVA 2018	12.342.543.472	855.696.370.699	0,01
5	ERAA 2018	889.340.783.000	12.682.902.626.000	0,07
6	MAPA 2018	353.321.000.000	3.645.143.000.000	0,10
7	MCAS 2018	254.964.479.851	1.052.653.572.286	0,24
8	MIDI 2018	159.154.000.000	4.960.145.000.000	0,03
9	NFCX 2018	22.415.131.090	521.611.987.032	0,04
10	RANC 2018	49.966.984.744	904.003.739.438	0,06
11	ACES 2019	1.036.610.556.510	5.920.169.803.449	0,18
12	AMRT 2019	1.138.888.000.000	23.992.313.000.000	0,05
13	CSAP 2019	68.480.112.000	6.584.587.023.000	0,01
14	DIVA 2019	98.389.349.094	1,087,962,023,939	0,09
15	ERAA 2019	325.583.191.000	9.747.703.198.000	0,03
16	MAPA 2019	693.271.000.000	4.065.631.000.000	0,17
17	MCAS 2019	212.328.570.495	2.229.863.816.342	0,10
18	MIDI 2019	203.070.000.000	4.990.309.000.000	0,04
19	NFCX 2019	57.271.215.065	1.341.118.244.979	0,04
20	RANC 2019	55.464.434.251	952.496.300.846	0,06
21	ACES 2020	731.310.571.351	7.247.063.894.294	0,10
22	AMRT 2020	1.088.477.000.000	25.970.743.000.000	0,04
23	CSAP 2020	60.817.945.000	7.616.266.096.000	0,01
24	DIVA 2020	64.367.755.965	1.154.965.011.840	0,06
25	ERAA 2020	671.172.137.000	11.211.369.042.000	0,06
26	MAPA 2020	4.338.000.000	5.382.042.000.000	0,00
27	MCAS 2020	72.398.107.264	1.835.183.217.104	0,04
28	MIDI 2020	200.273.000.000	5.923.693.000.000	0,03

29	NFCX 2020	54.310.551.270	1.403.992.329.735	0,04
30	RANC 2020	76.002.689.458	1.319.134.443.995	0,06

Perhitungan *Return On Equity*
Rumus = Laba Bersih : Total Ekuitas

No	Perusahaan / Tahun	Lab a Bersih	Total Ekuitas	ROE
1	ACES 2018	976.273.356.597	4.235.471.045.929	0,23
2	AMRT 2018	668.426.000.000	6.017.558.000.000	0,11
3	CSAP 2018	89.609.693.000	1.940.654.036.000	0,05
4	DIVA 2018	12.342.543.472	720.853.322.191	0,02
5	ERAA 2018	889.340.783.000	4.825.618.237.000	0,18
6	MAPA 2018	353.321.000.000	2.335.306.000.000	0,15
7	MCAS 2018	254.964.479.851	1.011.977.546.076	0,25
8	MIDI 2018	159.154.000.000	1.080.821.000.000	0,15
9	NFCX 2018	22.415.131.090	412.622.208.487	0,05
10	RANC 2018	49.966.984.744	504.044.024.441	0,10
11	ACES 2019	1.036.610.556.510	4.742.494.275.864	0,22
12	AMRT 2019	1.138.888.000.000	6.884.307.000.000	0,17
13	CSAP 2019	68.480.112.000	1.971.799.684.000	0,03
14	DIVA 2019	98.389.349.094	824.382.657.509	0,12
15	ERAA 2019	325.583.191.000	4.978.716.552.000	0,07
16	MAPA 2019	693.271.000.000	3.017.044.000.000	0,23
17	MCAS 2019	212.328.570.495	1.728.185.360.368	0,12
18	MIDI 2019	203.070.000.000	1.220.999.000.000	0,17
19	NFCX 2019	57.271.215.065	1.057.267.281.489	0,05
20	RANC 2019	55.464.434.251	547.803.234.745	0,10
21	ACES 2020	731.310.571.351	5.222.242.554.398	0,14
22	AMRT 2020	1.088.477.000.000	7.636.328.000.000	0,14
23	CSAP 2020	60.817.945.000	2.053.552.226.000	0,03
24	DIVA 2020	64.367.755.965	881.994.832.925	0,07
25	ERAA 2020	671.172.137.000	5.687.996.190.000	0,12
26	MAPA 2020	4.338.000.000	2.989.127.000.000	0,00
27	MCAS 2020	72.398.107.264	1.331.916.693.551	0,05
28	MIDI 2020	200.273.000.000	1.398.703.000.000	0,14
29	NFCX 2020	54.310.551.270	994.375.768.619	0,05
30	RANC 2020	76.002.689.458	544.504.618.940	0,14

Perhitungan Net Profit Margin

Rumus = Laba Bersih : Penjualan Bersih

No	Perusahaan / Tahun	Lab Bersih	Penjualan Bersih	NPM
1	ACES 2018	976.273.356.597	7.239.754.268.263	0,13
2	AMRT 2018	668.426.000.000	6.817.305.000.000	0,01
3	CSAP 2018	89.609.693.000	10.485.450.233.000	0,01
4	DIVA 2018	12.342.543.472	1.487.298.121.359	0,01
5	ERAA 2018	889.340.783.000	34.744.177.481.000	0,03
6	MAPA 2018	353.321.000.000	6.245.547.000.000	0,06
7	MCAS 2018	254.964.479.851	6.356.090.709.193	0,04
8	MIDI 2018	159.154.000.000	10.701.575.000.000	0,01
9	NFCX 2018	22.415.131.090	2.489.674.657.427	0,01
10	RANC 2018	49.966.984.744	2.355.625.271.907	0,02
11	ACES 2019	1.036.610.556.510	8.142.717.045.655	0,13
12	AMRT 2019	1.138.888.000.000	72.944.988.000.000	0,02
13	CSAP 2019	68.480.112.000	11.589.712.060.000	0,01
14	DIVA 2019	98.389.349.094	3.550.041.010.067	0,03
15	ERAA 2019	325.583.191.000	32.944.902.671.000	0,01
16	MAPA 2019	693.271.000.000	7.447.321.000.000	0,09
17	MCAS 2019	212.328.570.495	11.090.421.731.942	0,02
18	MIDI 2019	203.070.000.000	11.625.313.000.000	0,02
19	NFCX 2019	57.271.215.065	6.153.637.893.298	0,01
20	RANC 2019	55.464.434.251	2.397.792.415.330	0,02
21	ACES 2020	731.310.571.351	7.412.766.872.302	0,10
22	AMRT 2020	1.088.477.000.000	75.826.880.000.000	0,01
23	CSAP 2020	60.817.945.000	12.121.666.045.000	0,01
24	DIVA 2020	64.367.755.965	3.687.861.850.042	0,02
25	ERAA 2020	671.172.137.000	34.113.454.845.000	0,02
26	MAPA 2020	4.338.000.000	4.781.480.000.000	0,00
27	MCAS 2020	72.398.107.264	11.334.436.937.908	0,01
28	MIDI 2020	200.273.000.000	12.659.705.000.000	0,02
29	NFCX 2020	54.310.551.270	7.597.266.302.278	0,01
30	RANC 2020	76.002.689.458	3.011.422.750.334	0,03

Perhitungan *Debt to Asset Ratio*
Rumus = Total Hutang : Total Aset

No	Perusahaan / Tahun	Total Hutang	Total Aset	DAR
1	ACES 2018	1.085.709.809.612	5.321.180.855.541	0,20
2	AMRT 2018	16.148.410.000.000	22.165.968.000.000	0,73
3	CSAP 2018	3.844.633.517.000	5.785.287.553.000	0,66
4	DIVA 2018	134.843.048.508	855.696.370.699	0,16
5	ERAA 2018	7.857.284.389.000	12.682.902.626.000	0,62
6	MAPA 2018	1.309.837.000.000	3.645.143.000.000	0,36
7	MCAS 2018	385.367.569.746	1.052.653.572.286	0,37
8	MIDI 2018	3.879.324.000.000	4.960.145.000.000	0,78
9	NFCX 2018	108.989.778.545	521.611.987.032	0,21
10	RANC 2018	399.959.714.997	904.003.739.438	0,44
11	ACES 2019	1.177.675.527.585	5.920.169.803.449	0,20
12	AMRT 2019	17.108.006.000.000	23.992.313.000.000	0,71
13	CSAP 2019	4.612.787.339.000	6.584.587.023.000	0,70
14	DIVA 2019	263.579.366.430	1.087.962.023.939	0,24
15	ERAA 2019	4.768.986.646.000	9.747.703.198.000	0,49
16	MAPA 2019	1.048.587.000.000	4.065.631.000.000	0,26
17	MCAS 2019	512.081.862.333	2.229.863.816.342	0,23
18	MIDI 2019	3.769.310.000.000	4.990.309.000.000	0,76
19	NFCX 2019	283.850.963.490	1.341.118.244.979	0,21
20	RANC 2019	404.693.066.101	952.496.300.846	0,42
21	ACES 2020	2.024.821.339.896	7.247.063.894.294	0,28
22	AMRT 2020	18.334.415.000.000	25.970.743.000.000	0,71
23	CSAP 2020	5.562.713.870.000	7.616.266.096.000	0,73
24	DIVA 2020	272.970.178.915	1.154.965.011.840	0,24
25	ERAA 2020	5.523.372.852.000	11.211.369.042.000	0,49
26	MAPA 2020	2.392.915.000.000	5.382.042.000.000	0,44
27	MCAS 2020	503.266.523.553	1.835.183.217.104	0,27
28	MIDI 2020	4.524.990.000.000	5.923.693.000.000	0,76
29	NFCX 2020	40.616.561.116	1.403.992.329.735	0,03
30	RANC 2020	774.629.825.055	1.319.134.443.995	0,59

Perhitungan *Debt to Equity Ratio*

Rumus = Total Hutang : Total Ekuitas

No	Perusahaan / Tahun	Total Hutang	Total Ekuitas	DER
1	ACES 2018	1.085.709.809.612	4.235.471.045.929	0,26
2	AMRT 2018	16.148.410.000.000	6.017.558.000.000	2,68
3	CSAP 2018	3.844.633.517.000	1.940.654.036.000	1,98
4	DIVA 2018	134.843.048.508	720.853.322.191	0,19
5	ERAA 2018	7.857.284.389.000	4.825.618.237.000	1,63
6	MAPA 2018	1.309.837.000.000	2.335.306.000.000	0,56
7	MCAS 2018	385.367.569.746	1.011.977.546.076	0,38
8	MIDI 2018	3.879.324.000.000	1.080.821.000.000	3,59
9	NFCX 2018	108.989.778.545	412.622.208.487	0,26
10	RANC 2018	399.959.714.997	504.044.024.441	0,79
11	ACES 2019	1.177.675.527.585	4.742.494.275.864	0,25
12	AMRT 2019	17.108.006.000.000	6.884.307.000.000	2,49
13	CSAP 2019	4.612.787.339.000	1.971.799.684.000	2,34
14	DIVA 2019	263.579.366.430	824.382.657.509	0,32
15	ERAA 2019	4.768.986.646.000	4.978.716.552.000	0,96
16	MAPA 2019	1.048.587.000.000	3.017.044.000.000	0,35
17	MCAS 2019	512.081.862.333	1.728.185.360.368	0,30
18	MIDI 2019	3.769.310.000.000	1.220.999.000.000	3,09
19	NFCX 2019	283.850.963.490	1.057.267.281.489	0,27
20	RANC 2019	404.693.066.101	547.803.234.745	0,74
21	ACES 2020	2.024.821.339.896	5.222.242.554.398	0,39
22	AMRT 2020	18.334.415.000.000	7.636.328.000.000	2,40
23	CSAP 2020	5.562.713.870.000	2.053.552.226.000	2,71
24	DIVA 2020	272.970.178.915	881.994.832.925	0,31
25	ERAA 2020	5.523.372.852.000	5.687.996.190.000	0,97
26	MAPA 2020	2.392.915.000.000	2.989.127.000.000	0,80
27	MCAS 2020	503.266.523.553	1.331.916.693.551	0,38
28	MIDI 2020	4.524.990.000.000	1.398.703.000.000	3,24
29	NFCX 2020	40.616.561.116	994.375.768.619	0,04
30	RANC 2020	774.629.825.055	544.504.618.940	1,42

Perhitungan *Debt to Equity Ratio*

Rumus = Hutang Jangka Panjang : Total Ekuitas

No	Perusahaan / Tahun	Hutang Jangka Panjang	Total Ekuitas	LTDER
1	ACES 2018	454.654.350.225	4.235.471.045.929	0,11
2	AMRT 2018	5.021.454.000.000	6.017.558.000.000	0,83
3	CSAP 2018	541.927.303.000	1.940.654.036.000	0,28
4	DIVA 2018	2.594.477.085	720.853.322.191	0,00
5	ERAA 2018	116.692.469.000	4.825.618.237.000	0,02
6	MAPA 2018	157.523.000.000	2.335.306.000.000	0,07
7	MCAS 2018	60.941.981.175	1.011.977.546.076	0,06
8	MIDI 2018	919.451.000.000	1.080.821.000.000	0,85
9	NFCX 2018	36.512.017.761	412.622.208.487	0,09
10	RANC 2018	51.292.877.616	504.044.024.441	0,10
11	ACES 2019	1.182.131.278.030	4.742.494.275.864	0,25
12	AMRT 2019	3.940.405.000.000	6.884.307.000.000	0,57
13	CSAP 2019	655.939.101.000	1.971.799.684.000	0,33
14	DIVA 2019	32.700.593.199	824.382.657.509	0,04
15	ERAA 2019	153.455.511.000	4.978.716.552.000	0,03
16	MAPA 2019	202.646.000.000	3.017.044.000.000	0,07
17	MCAS 2019	48.919.614.577	1.728.185.360.368	0,03
18	MIDI 2019	870.846.000.000	1.220.999.000.000	0,71
19	NFCX 2019	893.114.667	1.057.267.281.489	0,00
20	RANC 2019	56.067.821.742	547.803.234.745	0,10
21	ACES 2020	1.179.893.285.690	5.222.242.554.398	0,23
22	AMRT 2020	3.008.276.000.000	7.636.328.000.000	0,39
23	CSAP 2020	1.501.752.937.000	2.053.552.226.000	0,73
24	DIVA 2020	28.939.370.644	881.994.832.925	0,03
25	ERAA 2020	380.422.147.000	5.687.996.190.000	0,07
26	MAPA 2020	568.709.000.000	2.989.127.000.000	0,19
27	MCAS 2020	95.556.146.089	1.331.916.693.551	0,07
28	MIDI 2020	1.129.372.000.000	1.398.703.000.000	0,81
29	NFCX 2020	71.936.293.008	994.375.768.619	0,07
30	RANC 2020	261.664.232.698	544.504.618.940	0,48

Perhitungan *Earning Per Share*

Rumus = Laba Setelah Pajak : Jumlah Saham Beredar

No	Perusahaan / Tahun	Lab a Setelah Pajak	Jumlah Saham Beredar	EPS
1	ACES 2018	976.273.356.597	17.150.000.000	56,93
2	AMRT 2018	668.426.000.000	41.524.501.700	16,10
3	CSAP 2018	89.609.693.000	4.458.352.920	20,10
4	DIVA 2018	12.342.543.472	714.285.700	17,28
5	ERAA 2018	889.340.783.000	3.190.000.000	278,79
6	MAPA 2018	353.321.000.000	2.850.400.000	123,95
7	MCAS 2018	254.964.479.851	867.933.300	293,76
8	MIDI 2018	159.154.000.000	2.882.353.000	55,22
9	NFCX 2018	22.415.131.090	666.667.500	33,62
10	RANC 2018	49.966.984.744	1.564.487.500	31,94
11	ACES 2019	1.036.610.556.510	17.150.000.000	60,44
12	AMRT 2019	1.138.888.000.000	41.524.501.700	27,43
13	CSAP 2019	68.480.112.000	4.458.352.920	15,36
14	DIVA 2019	98.389.349.094	714.285.700	137,75
15	ERAA 2019	325.583.191.000	3.190.000.000	102,06
16	MAPA 2019	693.271.000.000	2.850.400.000	243,22
17	MCAS 2019	212.328.570.495	867.933.300	244,64
18	MIDI 2019	203.070.000.000	2.882.353.000	70,45
19	NFCX 2019	57.271.215.065	666.667.500	85,91
20	RANC 2019	55.464.434.251	1.564.487.500	35,45
21	ACES 2020	731.310.571.351	17.150.000.000	42,64
22	AMRT 2020	1.088.477.000.000	41.524.501.700	26,21
23	CSAP 2020	60.817.945.000	4.458.352.920	13,64
24	DIVA 2020	64.367.755.965	714.285.700	90,11
25	ERAA 2020	671.172.137.000	3.190.000.000	210,40
26	MAPA 2020	4.338.000.000	2.850.400.000	1,52
27	MCAS 2020	72.398.107.264	867.933.300	83,41
28	MIDI 2020	200.273.000.000	2.882.353.000	69,48
29	NFCX 2020	54.310.551.270	666.667.500	81,47
30	RANC 2020	76.002.689.458	1.564.487.500	48,58

Perhitungan Nilai Buku Ekuitas Perlembar Saham

Rumus = Total Ekuitas : Jumlah Saham Beredar

No	Perusahaan / Tahun	Total Ekuitas	Jumlah Saham Beredar	Nilai Buku
1	ACES 2018	4.235.471.045.929	17.150.000.000	246,97
2	AMRT 2018	6.017.558.000.000	41.524.501.700	144,92
3	CSAP 2018	1.940.654.036.000	4.458.352.920	435,28
4	DIVA 2018	720.853.322.191	714.285.700	1.009,19
5	ERAA 2018	4.825.618.237.000	3.190.000.000	1.512,73
6	MAPA 2018	2.335.306.000.000	2.850.400.000	819,29
7	MCAS 2018	1.011.977.546.076	867.933.300	1.165,96
8	MIDI 2018	1.080.821.000.000	2.882.353.000	374,98
9	NFCX 2018	412.622.208.487	666.667.500	618,93
10	RANC 2018	504.044.024.441	1.564.487.500	322,18
11	ACES 2019	4.742.494.275.864	17.150.000.000	276,53
12	AMRT 2019	6.884.307.000.000	41.524.501.700	165,79
13	CSAP 2019	1.971.799.684.000	4.458.352.920	442,27
14	DIVA 2019	824.382.657.509	714.285.700	1.154,14
15	ERAA 2019	4.978.716.552.000	3.190.000.000	1.560,73
16	MAPA 2019	3.017.044.000.000	2.850.400.000	1.058,46
17	MCAS 2019	1.728.185.360.368	867.933.300	1.991,15
18	MIDI 2019	1.220.999.000.000	2.882.353.000	423,61
19	NFCX 2019	1.057.267.281.489	666.667.500	1.585,90
20	RANC 2019	547.803.234.745	1.564.487.500	350,15
21	ACES 2020	5.222.242.554.398	17.150.000.000	304,50
22	AMRT 2020	7.636.328.000.000	41.524.501.700	183,90
23	CSAP 2020	2.053.552.226.000	4.458.352.920	460,61
24	DIVA 2020	881.994.832.925	714.285.700	1.234,79
25	ERAA 2020	5.687.996.190.000	3.190.000.000	1.783,07
26	MAPA 2020	2.989.127.000.000	2.850.400.000	1.048,67
27	MCAS 2020	1.331.916.693.551	867.933.300	1.534,58
28	MIDI 2020	1.398.703.000.000	2.882.353.000	485,26
29	NFCX 2020	994.375.768.619	666.667.500	1.491,56
30	RANC 2020	544.504.618.940	1.564.487.500	348,04

Perhitungan Price Book Value

Rumus = Harga Saham Perlembar : Nilai Buku Ekuitas Per Lembar Saham

No	Perusahaan / Tahun	Harga Saham Per Lembar	Nilai Buku Ekuitas Per Lembar Saham	PBV
1	ACES 2018	1.490	246,97	6,03
2	AMRT 2018	935	144,92	6,45
3	CSAP 2018	545	435,28	1,25
4	DIVA 2018	3.220	1.009,19	3,19
5	ERAA 2018	2.200	1.512,73	1,45
6	MAPA 2018	3.700	819,29	4,52
7	MCAS 2018	3.210	1.165,96	2,75
8	MIDI 2018	1.070	374,98	2,85
9	NFCX 2018	2.280	618,93	3,68
10	RANC 2018	314	322,18	0,97
11	ACES 2019	1.495	276,53	5,41
12	AMRT 2019	880	165,79	5,31
13	CSAP 2019	450	442,27	1,02
14	DIVA 2019	3.710	1.154,14	3,21
15	ERAA 2019	1.795	1.560,73	1,15
16	MAPA 2019	5.300	1.058,46	5,01
17	MCAS 2019	2.880	1.991,15	1,45
18	MIDI 2019	1.150	423,61	2,71
19	NFCX 2019	3.000	1.585,90	1,89
20	RANC 2019	334	350,15	0,95
21	ACES 2020	1.715	304,50	5,63
22	AMRT 2020	800	183,90	4,35
23	CSAP 2020	386	460,61	0,84
24	DIVA 2020	2.410	1.234,79	1,95
25	ERAA 2020	2.200	1.783,07	1,23
26	MAPA 2020	2.430	1.048,67	2,32
27	MCAS 2020	3.990	1.534,58	2,60
28	MIDI 2020	1.925	485,26	3,97
29	NFCX 2020	2.310	1.491,56	1,55
30	RANC 2020	436	348,04	1,25

TABEL F HITUNG ($\alpha = 0,05$)

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	161	199	216	225	230	234	237	239	241	242	243	244	245	245	246
2	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38	19.40	19.40	19.41	19.42	19.42	19.43
3	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81	8.79	8.76	8.74	8.73	8.71	8.70
4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6.00	5.96	5.94	5.91	5.89	5.87	5.86
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.74	4.70	4.68	4.66	4.64	4.62
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10	4.06	4.03	4.00	3.98	3.96	3.94
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.64	3.60	3.57	3.55	3.53	3.51
8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39	3.35	3.31	3.28	3.26	3.24	3.22
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18	3.14	3.10	3.07	3.05	3.03	3.01
10	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02	2.98	2.94	2.91	2.89	2.86	2.85
11	4.84	3.98	3.59	3.36	3.20	3.09	3.01	2.95	2.90	2.85	2.82	2.79	2.76	2.74	2.72
12	4.75	3.89	3.49	3.26	3.11	3.00	2.91	2.85	2.80	2.75	2.72	2.69	2.66	2.64	2.62
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71	2.67	2.63	2.60	2.58	2.55	2.53
14	4.60	3.74	3.34	3.11	2.96	2.85	2.76	2.70	2.65	2.60	2.57	2.53	2.51	2.48	2.46
15	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59	2.54	2.51	2.48	2.45	2.42	2.40
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49	2.46	2.42	2.40	2.37	2.35
17	4.45	3.59	3.20	2.96	2.81	2.70	2.61	2.55	2.49	2.45	2.41	2.38	2.35	2.33	2.31
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46	2.41	2.37	2.34	2.31	2.29	2.27
19	4.38	3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42	2.38	2.34	2.31	2.28	2.26	2.23
20	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.45	2.39	2.35	2.31	2.28	2.25	2.22	2.20
21	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37	2.32	2.28	2.25	2.22	2.20	2.18
22	4.30	3.44	3.05	2.82	2.66	2.55	2.46	2.40	2.34	2.30	2.26	2.23	2.20	2.17	2.15
23	4.28	3.42	3.03	2.80	2.64	2.53	2.44	2.37	2.32	2.27	2.24	2.20	2.18	2.15	2.13
24	4.26	3.40	3.01	2.78	2.62	2.51	2.42	2.36	2.30	2.25	2.22	2.18	2.15	2.13	2.11
25	4.24	3.39	2.99	2.76	2.60	2.49	2.40	2.34	2.28	2.24	2.20	2.16	2.14	2.11	2.09
26	4.23	3.37	2.98	2.74	2.59	2.47	2.39	2.32	2.27	2.22	2.18	2.15	2.12	2.09	2.07
27	4.21	3.35	2.96	2.73	2.57	2.46	2.37	2.31	2.25	2.20	2.17	2.13	2.10	2.08	2.06
28	4.20	3.34	2.95	2.71	2.56	2.45	2.36	2.29	2.24	2.19	2.15	2.12	2.09	2.06	2.04
29	4.18	3.33	2.93	2.70	2.55	2.43	2.35	2.28	2.22	2.18	2.14	2.10	2.08	2.05	2.03
30	4.17	3.32	2.92	2.69	2.53	2.42	2.33	2.27	2.21	2.16	2.13	2.09	2.06	2.04	2.01
31	4.16	3.30	2.91	2.68	2.52	2.41	2.32	2.25	2.20	2.15	2.11	2.08	2.05	2.03	2.00
32	4.15	3.29	2.90	2.67	2.51	2.40	2.31	2.24	2.19	2.14	2.10	2.07	2.04	2.01	1.99
33	4.14	3.28	2.89	2.66	2.50	2.39	2.30	2.23	2.18	2.13	2.09	2.06	2.03	2.00	1.98
34	4.13	3.28	2.88	2.65	2.49	2.38	2.29	2.23	2.17	2.12	2.08	2.05	2.02	1.99	1.97
35	4.12	3.27	2.87	2.64	2.49	2.37	2.29	2.22	2.16	2.11	2.07	2.04	2.01	1.99	1.96
36	4.11	3.26	2.87	2.63	2.48	2.36	2.28	2.21	2.15	2.11	2.07	2.03	2.00	1.98	1.95
37	4.11	3.25	2.86	2.63	2.47	2.36	2.27	2.20	2.14	2.10	2.06	2.02	2.00	1.97	1.95
38	4.10	3.24	2.85	2.62	2.46	2.35	2.26	2.19	2.14	2.09	2.05	2.02	1.99	1.96	1.94
39	4.09	3.24	2.85	2.61	2.46	2.34	2.26	2.19	2.13	2.08	2.04	2.01	1.98	1.95	1.93
40	4.08	3.23	2.84	2.61	2.45	2.34	2.25	2.18	2.12	2.08	2.04	2.00	1.97	1.95	1.92
41	4.08	3.23	2.83	2.60	2.44	2.33	2.24	2.17	2.12	2.07	2.03	2.00	1.97	1.94	1.92
42	4.07	3.22	2.83	2.59	2.44	2.32	2.24	2.17	2.11	2.06	2.03	1.99	1.96	1.94	1.91
43	4.07	3.21	2.82	2.59	2.43	2.32	2.23	2.16	2.11	2.06	2.02	1.99	1.96	1.93	1.91
44	4.06	3.21	2.82	2.58	2.43	2.31	2.23	2.16	2.10	2.05	2.01	1.98	1.95	1.92	1.90
45	4.06	3.20	2.81	2.58	2.42	2.31	2.22	2.15	2.10	2.05	2.01	1.97	1.94	1.92	1.89