

Perhitungan ROI (ROA) dan DER

| Kode Perusahaan | Tahun | ROA = $\frac{\text{Laba Setelah Pajak}}{\text{Total Aset}}$ | DER = $\frac{\text{Total Utang}}{\text{Total Ekuitas}}$ |
|------------------------|--------------|---|---|
| ADRO | 2012 | $= \frac{3.706.578.690.000}{64.714.115.520.000} = 0,057$ | $= \frac{35.751.943.340.000}{28.962.172.180.000} = 1,234$ |
| | 2013 | $= \frac{2.794.486.707.000}{82.078.129.743.000} = 0,034$ | $= \frac{43.134.238.176.000}{38.943.891.567.000} = 1,108$ |
| | 2014 | $= \frac{2.279.555.360.000}{79.788.468.160.000} = 0,029$ | $= \frac{39.240.636.480.000}{40.547.831.680.000} = 0,968$ |
| | 2015 | $= \frac{2.083.086.385.000}{82.199.287.055.000} = 0,025$ | $= \frac{35.944.058.870.000}{46.255.228.185.000} = 0,777$ |
| | 2016 | $= \frac{4.577.457.096.000}{87.633.045.052.000} = 0,052$ | $= \frac{36.765.934.500.000}{50.867.110.552.000} = 0,723$ |
| | 2017 | $= \frac{7.267.662.024.000}{92.318.063.556.000} = 0,079$ | $= \frac{36.884.700.960.000}{55.433.362.596.000} = 0,665$ |
| BSSR | 2012 | $= \frac{94.607.305.630}{1.347.125.601.610} = 0,070$ | $= \frac{549.657.595.100}{797.468.006.510} = 0,689$ |
| | 2013 | $= \frac{57.713.586.339}{1.940.982.344.799} = 0,030$ | $= \frac{939.008.222.583}{1.062.919.122.216} = 0,883$ |
| | 2014 | $= \frac{31.658.867.000}{2.079.439.648.320} = 0,015$ | $= \frac{963.519.636.680}{1.115.920.011.640} = 0,863$ |
| | 2015 | $= \frac{363.858.644.375}{2.398.637.601.810} = 0,152$ | $= \frac{950.833.369.890}{1.447.804.231.920} = 0,657$ |
| | 2016 | $= \frac{368.436.308.572}{2.471.980.942.760} = 0,149$ | $= \frac{760.968.403.644}{1.711.012.539.116} = 0,445$ |
| | 2017 | $= \frac{444.739.234.092}{2.846.942.226.792} = 0,156$ | $= \frac{816.223.361.892}{2.017.170.864.900} = 0,405$ |
| ITMG | 2012 | $= \frac{4.177.855.810.000}{14.420.136.080.000} = 0,290$ | $= \frac{4.726.763.690.000}{9.693.372.390.000} = 0,488$ |
| | 2013 | $= \frac{2.809.369.476.000}{16.968.794.460.000} = 0,166$ | $= \frac{5.220.365.865.000}{11.748.428.595.000} = 0,444$ |
| | 2014 | $= \frac{2.500.079.240.000}{16.302.545.360.000} = 0,153$ | $= \frac{5.297.872.560.000}{11.004.672.800.000} = 0,481$ |
| | 2015 | $= \frac{870.561.065.000}{16.255.517.585.000} = 0,054$ | $= \frac{4.742.803.770.000}{11.512.713.815.000} = 0,412$ |
| | 2016 | $= \frac{1.756.206.124.000}{16.254.765.312.000} = 0,108$ | $= \frac{4.062.535.832.000}{12.192.229.480.000} = 0,333$ |
| | 2017 | $= \frac{3.423.620.244.000}{18.407.166.324.000} = 0,186$ | $= \frac{5.426.299.152.000}{12.980.867.172.000} = 0,418$ |
| KKGI | 2012 | $= \frac{228.113.588.410}{1.003.760.582.360} = 0,227$ | $= \frac{294.960.789.890}{708.799.792.470} = 0,416$ |
| | 2013 | $= \frac{210.142.626.150}{1.293.102.999.678} = 0,163$ | $= \frac{399.031.244.244}{894.071.755.434} = 0,446$ |
| | 2014 | $= \frac{99.595.535.680}{1.321.501.013.400} = 0,080$ | $= \frac{402.819.540.480}{918.631.472.920} = 0,379$ |
| | 2015 | $= \frac{78.248.178.335}{1.359.381.027.125} = 0,058$ | $= \frac{300.460.755.950}{1.058.920.271.175} = 0,284$ |
| | 2016 | $= \frac{127.277.400.704}{1.326.250.765.000} = 0,096$ | $= \frac{192.121.955.184}{1.134.128.809.816} = 0,169$ |
| | 2017 | $= \frac{182.084.781.300}{1.423.266.145.704} = 0,128$ | $= \frac{222.643.754.052}{1.200.622.391.652} = 0,185$ |

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| MYOH | 2012 | $= \frac{36.149.791.000}{1.292.581.025.000} = 0,028$ | $= \frac{1.021.523.918.000}{271.057.107.000} = 3,769$ |
| | 2013 | $= \frac{173.784.084.000}{1.815.818.263.000} = 0,096$ | $= \frac{1.033.563.250.000}{782.255.013.000} = 1,321$ |
| | 2014 | $= \frac{280.906.047.680}{2.031.097.086.800} = 0,132$ | $= \frac{1.027.787.251.760}{1.003.309.835.040} = 1,024$ |
| | 2015 | $= \frac{341.185.743.175}{2.224.205.220.655} = 0,153$ | $= \frac{936.475.271.785}{1.287.729.948.870} = 0,727$ |
| | 2016 | $= \frac{285.633.948.908}{1.978.508.264.232} = 0,144$ | $= \frac{534.30.041.436}{1.444.118.222.796} = 0,370$ |
| | 2017 | $= \frac{166.726.511.088}{1.843.488.925.300} = 0,090$ | $= \frac{454.218.810.336}{1.389.230.114.964} = 0,327$ |
| PTBA | 2012 | $= \frac{2.909.421.000.000}{12.728.981.000.000} = 0,229$ | $= \frac{4.223.812.000.000}{8.505.169.000.000} = 0,497$ |
| | 2013 | $= \frac{1.854.281.000.000}{11.677.155.000.000} = 0,159$ | $= \frac{4.125.586.000.000}{7.551.569.000.000} = 0,546$ |
| | 2014 | $= \frac{2.019.214.000.000}{14.812.023.000.000} = 0,136$ | $= \frac{6.141.181.000.000}{8.670.840.000.000} = 0,708$ |
| | 2015 | $= \frac{2.037.111.000.000}{16.894.043.000.000} = 0,121$ | $= \frac{7.606.496.000.000}{9.287.547.000.000} = 0,819$ |
| | 2016 | $= \frac{2.024.405.000.000}{18.576.774.000.000} = 0,109$ | $= \frac{8.024.369.000.000}{10.552.405.000.000} = 0,760$ |
| | 2017 | $= \frac{4.547.232.000.000}{21.987.482.000.000} = 0,207$ | $= \frac{8.187.497.000.000}{13.799.985.000.000} = 0,593$ |
| TOBA | 2012 | $= \frac{115.389.034.940}{2.528.961.255.000} = 0,046$ | $= \frac{1.456.129.806.310}{1.072.831.448.690} = 1,357$ |
| | 2013 | $= \frac{421.785.632.877}{3.798.676.728.471} = 0,111$ | $= \frac{2.208.240.845.355}{1.590.435.883.116} = 1,388$ |
| | 2014 | $= \frac{280.906.047.680}{2.031.097.086.800} = 0,119$ | $= \frac{1.027.787.251.760}{1.003.309.835.040} = 1,112$ |
| | 2015 | $= \frac{354.863.890.525}{3.895.316.732.415} = 0,091$ | $= \frac{1.755.461.177.210}{2.139.855.555.205} = 0,820$ |
| | 2016 | $= \frac{195.987.868.592}{3.514.698.504.324} = 0,056$ | $= \frac{1.529.605.632.700}{1.985.092.871.624} = 0,771$ |
| | 2017 | $= \frac{560.479.283.268}{4.719.283.603.344} = 0,119$ | $= \frac{2.351.101.020.540}{2.368.182.582.804} = 0,993$ |
| ELSA | 2012 | $= \frac{135.597.000.000}{4.294.557.000.000} = 0,032$ | $= \frac{2.252.312.000.000}{2.042.245.000.000} = 1,103$ |
| | 2013 | $= \frac{242.605.000.000}{4.370.964.000.000} = 0,056$ | $= \frac{2.085.850.000.000}{2.285.114.000.000} = 0,913$ |
| | 2014 | $= \frac{431.457.000.000}{4.256.884.000.000} = 0,098$ | $= \frac{1.707.428.000.000}{2.549.456.000.000} = 0,644$ |
| | 2015 | $= \frac{379.745.000.000}{4.407.513.000.000} = 0,086$ | $= \frac{1.772.327.000.000}{2.635.186.000.000} = 0,673$ |
| | 2016 | $= \frac{316.066.000.000}{4.190.956.000.000} = 0,075$ | $= \frac{1.313.213.000.000}{2.877.743.000.000} = 0,456$ |
| | 2017 | $= \frac{250.754.000.000}{4.855.369.000.000} = 0,052$ | $= \frac{1.803.449.000.000}{3.051.920.000.000} = 0,591$ |
| ESSA | 2012 | $= \frac{50.398.463.790}{782.777.738.980} = 0,064$ | $= \frac{282.268.170.300}{500.509.568.680} = 0,564$ |
| | 2013 | $= \frac{153.252.906.450}{1.441.687.190.025} = 0,106$ | $= \frac{345.161.654.019}{1.096.525.536.006} = 0,315$ |
| | 2014 | $= \frac{128.359.440.520}{1.739.468.567.720} = 0,074$ | $= \frac{492.003.567.400}{1.247.465.000.280} = 0,394$ |

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| | 2015 | $= \frac{67.191.913.480}{3.832.884.631.940} = 0,018$ | $= \frac{1.307.155.419.505}{2.525.729.212.435} = 0,518$ |
| | 2016 | $= \frac{2.075.781.384}{8.963.025.687.316} = 0,000$ | $= \frac{6.166.446.382.212}{2.825.160.055.276} = 2,183$ |
| | 2017 | $= \frac{29.687.149.836}{11.120.121.298.332} = 0,003$ | $= \frac{8.252.035.683.396}{2.868.085.614.936} = 2,877$ |
| RUIS | 2012 | $= \frac{28.993.709.479}{1.171.261.207.723} = 0,025$ | $= \frac{933.324.871.170}{237.936.336.553} = 3,923$ |
| | 2013 | $= \frac{29.635.487.726}{1.277.942.893.245} = 0,023$ | $= \frac{1.016.044.813.478}{261.898.079.767} = 3,880$ |
| | 2014 | $= \frac{56.049.811.031}{1.266.471.770.861} = 0,044$ | $= \frac{962.876.563.256}{03.595.207.605} = 3,070$ |
| | 2015 | $= \frac{41.281.106.302}{1.091.753.891.437} = 0,038$ | $= \frac{753.340.426.009}{338.413.465.428} = 2,226$ |
| | 2016 | $= \frac{26.070.316.770}{979.132.450.762} = 0,027$ | $= \frac{619.413.387.2332}{359.719.063.530} = 1,722$ |
| | 2017 | $= \frac{20.922.363.433}{959.347.737.750} = 0,022$ | $= \frac{579.058.872.159}{380.288.865.591} = 1,523$ |
| | TINS | 2012 | $= \frac{431.588.000.000}{6.101.007.000.000} = 0,071$ |
| 2013 | | $= \frac{515.102.000.000}{7.883.294.000.000} = 0,065$ | $= \frac{2.991.184.000.000}{4.892.110.000.000} = 0,611$ |
| 2014 | | $= \frac{637.954.000.000}{9.752.477.000.000} = 0,065$ | $= \frac{4.144.235.000.000}{5.608.242.000.000} = 0,739$ |
| 2015 | | $= \frac{101.561.000.000}{9.279.683.000.000} = 0,011$ | $= \frac{3.908.615.000.000}{5.371.068.000.000} = 0,728$ |
| 2016 | | $= \frac{251.969.000.000}{9.548.631.000.000} = 0,026$ | $= \frac{3.894.946.000.000}{5.653.685.000.000} = 0,689$ |
| 2017 | | $= \frac{502.417.000.000}{11.876.309.000.000} = 0,042$ | $= \frac{5.814.816.000.000}{6.061.493.000.000} = 0,959$ |
| CTTH | | 2012 | $= \frac{2.759.299.965}{261.438.526.210} = 0,011$ |
| | 2013 | $= \frac{484.079.776}{326.960.068.946} = 0,001$ | $= \frac{247.724.204.360}{79.235.864.586} = 3,126$ |
| | 2014 | $= \frac{1.014.318.138}{366.053.299.896} = 0,003$ | $= \frac{285.803.117.172}{80.250.182.724} = 3,561$ |
| | 2015 | $= \frac{1.949.752.745}{605.667.034.867} = 0,003$ | $= \frac{316.679.237.740}{288.987.797.127} = 1,096$ |
| | 2016 | $= \frac{20.881.438.764}{615.962.000.265} = 0,034$ | $= \frac{301.007.248.281}{314.954.751.984} = 0,956$ |
| | 2017 | $= \frac{4.716.765.807}{700.251.764.864} = 0,007$ | $= \frac{376.839.294.845}{321.412.470.019} = 1,172$ |

Kurs Tengah 2012 = Rp9.670

Kurs Tengah 2013 = Rp12.189

Kurs Tengah 2014 = Rp12.440

Kurs Tengah 2015 = Rp13.795

Kurs Tengah 2016 = Rp13.436

Kurs Tengah 2017 = Rp13.54