

ANNEX 7 - DuPont of ROE of Mota-Engil for period 2008-2018

ROE	
2009	2008
12,56	4,95
difference	index
7,61	253,60

Financial leverage	
2009	2008
4,56	8,68
difference	index
-4,12	52,50

ROA	
2009	2008
2,76	0,57
difference	index
2,18	483,00

Total Assets	
2009	2008
393766,61	322595,89
difference	index
71170,72	122,06

Equity	
2009	2008
86356,18	37146,10
difference	index
49210,08	232,48

Profit Margin	
2009	2008
1,736	0,291
difference	index
1,45	597,37

Total asset turnover	
2009	2008
1,587	1,962
difference	index
-0,376	80,85

Chart 51 DuPont of ROE of Mota-Engil for period 2008-2009. Source: author

ROE	
2010	2009
9,51	12,56
difference	index
-3,05	75,72

Financial leverage	
2010	2009
6,10	4,56
difference	index
1,54	133,87

ROA	
2010	2009
1,56	2,76
difference	index
-1,20	56,57

Total Assets	
2010	2009
545560	393767
difference	index
151794	139

Equity	
2010	2009
89377	86356
difference	index
3021	103

Profit Margin	
2010	2009
1,234	1,736
difference	index
-0,50	71,09

Total asset turnover	
2010	2009
1,262	1,587
difference	index
-0,324	79,57

Chart 52 DuPont of ROE of Mota-Engil for period 2009-2010. Source: author

ROE	
2011	2010
4,94	9,51
difference	index
-4,58	51,89

Financial leverage	
2011	2010
4,63	6,10
difference	index
-1,47	75,93

ROA	
2011	2010
1,07	1,56
difference	index
-0,49	68,34

Total Assets	
2011	2010
972071	545560
difference	index
426510	178

Equity	
2011	2010
209738	89377
difference	index
120360	235

Profit Margin	
2011	2010
0,752	1,234
difference	index
-0,48	60,93

Total asset turnover	
2011	2010
1,416	1,262
difference	index
0,153	112,15

Chart 53 DuPont of ROE of Mota-Engil for period 2010-2011. Source: author

ANNEX 7 - DuPont of ROE of Mota-Engil for period 2008-2018

ROE	
2012	2011
3,50	4,94
difference	index
-1,44	70,91

Financial leverage	
2012	2011
4,88	4,63
difference	index
0,24	105,24

ROA	
2012	2011
0,72	1,07
difference	index
-0,35	67,38

Total Assets	
2012	2011
1038835	972071
difference	index
66765	107

Equity	
2012	2011
212979	209738
difference	index
3241	102

Profit Margin	
2012	2011
0,459	0,752
difference	index
-0,29	61,04

Total asset turnover	
2012	2011
1,563	1,416
difference	index
0,147	110,39

Chart 54 DuPont of ROE of Mota-Engil for period 2011-2012. Source: author

ROE	
2013	2012
-5,57	3,50
difference	index
-9,07	-159,12

Financial leverage	
2013	2012
3,92	4,88
difference	index
-0,96	80,33

ROA	
2013	2012
-1,42	0,72
difference	index
-2,14	-198,08

Total Assets	
2013	2012
790485,9	1038835,2
difference	index
-248349,2	76,09

Equity	
2013	2012
201745,2	212979,2
difference	index
-11234,03	94,73

Profit Margin	
2013	2012
-0,963	0,459
difference	index
-1,42	-209,79

Total asset turnover	
2013	2012
1,476	1,563
difference	index
-0,087	94,42

Chart 55 DuPont of ROE of Mota-Engil for period 2012-2013. Source: author

ROE	
2014	2013
-5,80	-5,57
difference	index
-0,23	104,20

Financial leverage	
2014	2013
3,36	3,92
difference	index
-0,56	85,77

ROA	
2014	2013
-1,73	-1,42
difference	index
-0,31	121,49

Total Assets	
2014	2013
743518	790486
difference	index
-46968	94

Equity	
2014	2013
221246	201745
difference	index
19501	110

Profit Margin	
2014	2013
-1,951	-0,963
difference	index
-0,99	202,55

Total asset turnover	
2014	2013
0,885	1,476
difference	index
-0,591	59,98

Chart 56 DuPont of ROE of Mota-Engil for period 2013-2014. Source: author

ANNEX 7 - DuPont of ROE of Mota-Engil for period 2008-2018

ROE			
2015		2014	
2,03		-5,80	
difference		index	
7,83		-34,90	

Financial leverage		ROA	
2015		2014	
3,39		3,36	
difference		index	
0,03		100,91	

Total Assets		Equity	
2015		2014	
760147,3		210892,81	
743517,7		207102,23	
difference		index	
16629,60		3790,58	
102,24		101,83	

Profit Margin		Total asset turnover	
2015		2014	
0,478		1,249	
-1,951		0,885	
difference		index	
2,43		0,364	
-24,51		141,13	

Chart 57 DuPont of ROE of Mota-Engil for period 2014-2015. Source: author

ROE			
2016		2015	
-5,89		2,03	
difference		index	
-7,91		-290,58	

Financial leverage		ROA	
2016		2015	
3,82		3,39	
difference		index	
0,43		112,54	

Total Assets		Equity	
2016		2015	
790374		207102	
760147		224153	
difference		index	
30226		-17051	
104		92	

Profit Margin		Total asset turnover	
2016		2015	
-1,549		0,478	
0,996		1,249	
difference		index	
-2,03		-0,254	
-323,99		79,70	

Chart 58 DuPont of ROE of Mota-Engil for period 2015-2016. Source: author

ROE			
2017		2016	
1,80		-5,89	
difference		index	
7,69		-30,66	

Financial leverage		ROA	
2017		2016	
3,71		3,82	
difference		index	
-0,11		97,21	

Total Assets		Equity	
2017		2016	
782359		210893	
790374		207102	
difference		index	
-8014		3791	
99		102	

Profit Margin		Total asset turnover	
2017		2016	
0,460		-1,549	
1,057		0,996	
difference		index	
2,01		0,061	
-29,72		106,14	

Chart 59 DuPont of ROE of Mota-Engil for period 2016-2017. Source: author

ANNEX 7 - DuPont of ROE of Mota-Engil for period 2008-2018

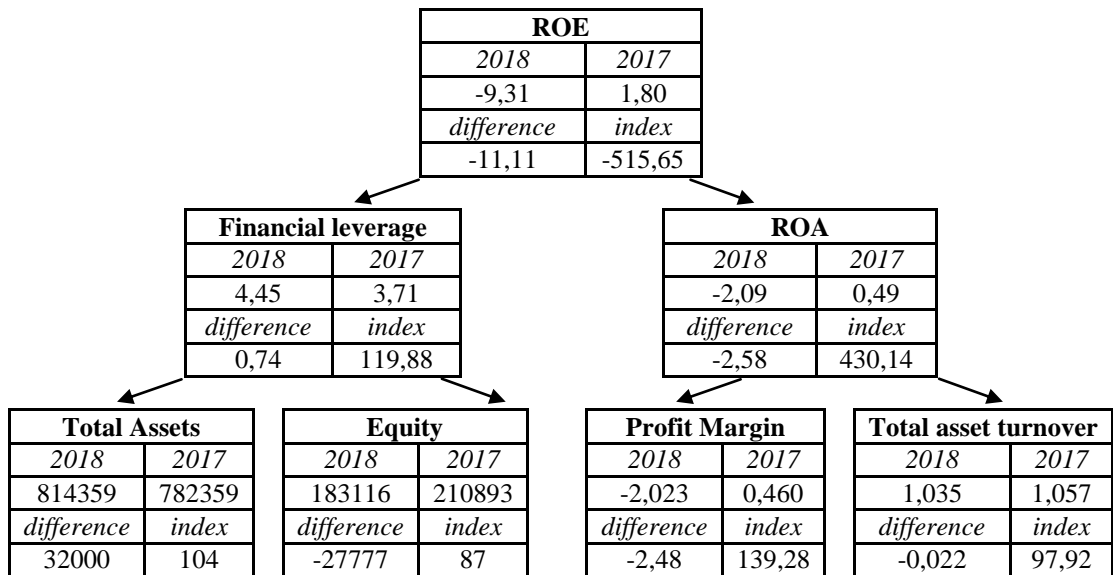


Chart 60 DuPont of ROE of Mota-Engil for period 2017-2018. Source: author