

Nome	Classe	Código	Setor Economatica	EV/EBITDA emp 31Dez10 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez11 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez12 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez13 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez14 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez15 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez16 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez17 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez18 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 17Mai19 Em moeda orig de 12 meses consolid:sim*	Media	Mediana
Biosev	ON	BSEV3	Agro e Pesca	-	-	-	5,43x	59,63x	3,12x	3,82x	4,74x	8,11x	7,46x	13,19x	5,43x
Brasilagro	ON	AGRO3	Agro e Pesca	- 48,65x	15,69x	23,77x	33,78x	- 4.978,01x	2,63x	- 26,05x	10,62x	3,48x	4,69x	- 495,81x	4,09x
Pomifrutas	ON	FRTA3	Agro e Pesca	- 17,50x	56,63x	- 23,32x	2,85x	9,01x	- 5,27x	- 12,05x	- 4,49x	- 5,40x	- 5,68x	- 0,52x	- 5,34x
SLC Agricola	ON	SLCE3	Agro e Pesca	12,11x	6,20x	10,48x	11,35x	8,67x	7,55x	11,28x	5,24x	6,63x	6,92x	8,64x	8,11x
Ambev S/A	ON	ABEV3	Alimentos e Beb	12,45x	13,95x	16,58x	15,08x	13,62x	12,43x	12,45x	16,39x	11,13x	11,78x	13,59x	13,04x
BRF SA	ON	BRFS3	Alimentos e Beb	11,99x	12,82x	18,48x	15,67x	12,67x	9,69x	14,90x	16,73x	22,81x	28,20x	16,40x	15,29x
Camil	ON	CAML3	Alimentos e Beb	-	-	-	-	-	-	-	-	7,74x	7,71x	7,73x	7,73x
Excelsior	ON	BAUH3	Alimentos e Beb	- 4,80x	4,23x	3,48x	3,03x	2,88x	3,78x	2,46x	2,55x	4,17x	-	2,42x	3,03x
Excelsior	PN	BAUH4	Alimentos e Beb	- 4,80x	4,23x	3,48x	3,03x	2,88x	3,78x	2,46x	2,55x	4,17x	-	2,42x	3,03x
JBS	ON	JBSS3	Alimentos e Beb	9,66x	10,59x	7,62x	8,09x	5,71x	6,46x	7,03x	6,57x	6,70x	9,14x	7,76x	7,32x
Josapar	ON	JOPA3	Alimentos e Beb	11,22x	7,61x	6,63x	8,34x	8,17x	7,65x	6,81x	10,04x	-	14,08x	8,95x	8,17x
Josapar	PN	JOPA4	Alimentos e Beb	11,22x	7,61x	6,63x	8,34x	8,17x	7,65x	6,81x	10,04x	-	14,08x	8,95x	8,17x
M.Diasbranc	ON	MDIA3	Alimentos e Beb	10,09x	12,24x	14,70x	17,23x	13,64x	11,53x	13,90x	17,67x	16,40x	15,91x	14,33x	14,30x
Marfrig	ON	MRFG3	Alimentos e Beb	7,51x	6,38x	6,85x	6,89x	7,09x	6,25x	6,46x	8,20x	13,73x	11,32x	8,07x	6,99x
Minerva	ON	BEEF3	Alimentos e Beb	-	5,86x	6,36x	6,83x	7,07x	6,84x	6,51x	7,18x	8,85x	9,64x	7,24x	6,84x
Minupar	ON	MNPR3	Alimentos e Beb	233,29x	- 128,75x	- 0,50x	4,81x	1,39x	1,36x	0,75x	1,83x	1,04x	1,00x	11,62x	1,20x
Oderich	ON	ODER3	Alimentos e Beb	-	-	-	-	-	-	-	5,44x	-	-	5,44x	5,44x
Oderich	PN	ODER4	Alimentos e Beb	-	-	-	-	-	-	-	5,44x	-	-	5,44x	5,44x
Sao Martinho	ON	SMT03	Alimentos e Beb	8,85x	3,42x	7,77x	7,03x	8,33x	7,72x	8,46x	7,40x	5,87x	6,02x	7,09x	7,56x
Advanced-Dh	ON	ADHM3	Comércio	-	9,65x	- 15,37x	- 3,51x	- 2,61x	- 2,97x	- 3,19x	- 3,24x	- 4,32x	- 4,69x	- 3,36x	- 3,24x
B2W Digital	ON	BTOW3	Comércio	10,17x	8,44x	15,93x	10,98x	11,87x	8,51x	8,87x	19,01x	50,99x	40,55x	18,53x	11,43x
Battistella	ON	BTTL3	Comércio	6,51x	10,27x	7,34x	7,44x	9,87x	1,29x	2,26x	- 8,83x	- 15,74x	154,81x	17,52x	6,93x
BR Pharma	ON	BPHA3	Comércio	-	23,75x	26,89x	116,83x	- 3,57x	- 2,11x	- 2,37x	- 0,97x	- 15,40x	- 14,21x	14,32x	- 2,11x
Carrefour BR	ON	CRFB3	Comércio	-	-	-	-	-	-	-	7,63x	8,71x	10,21x	8,85x	8,71x
Dimed	ON	PNVL3	Comércio	6,76x	7,47x	15,90x	11,80x	11,69x	13,22x	26,10x	16,00x	10,46x	12,77x	13,22x	12,28x
Dimed	PN	PNVL4	Comércio	6,76x	7,47x	15,90x	11,80x	11,69x	13,22x	26,10x	16,00x	10,46x	12,77x	13,22x	12,28x
Graziotin	ON	CGRA3	Comércio	6,33x	5,20x	5,73x	4,43x	4,27x	2,08x	3,84x	6,66x	6,73x	-	5,03x	5,20x
Graziotin	PN	CGRA4	Comércio	6,33x	5,20x	5,73x	4,43x	4,27x	2,08x	3,84x	6,66x	6,73x	-	5,03x	5,20x
Imc S/A	ON	MEAL3	Comércio	-	-	-	-	-	11,46x	17,07x	12,97x	11,18x	10,14x	12,56x	11,46x
Lojas Americ	ON	LAME3	Comércio	10,26x	10,13x	14,04x	10,38x	11,29x	10,44x	11,31x	11,97x	13,52x	11,76x	11,51x	11,30x
Lojas Americ	PN	LAME4	Comércio	10,26x	10,13x	14,04x	10,38x	11,29x	10,44x	11,31x	11,97x	13,52x	11,76x	11,51x	11,30x
Lojas Marisa	ON	AMAR3	Comércio	12,02x	8,75x	13,07x	10,75x	8,62x	5,70x	8,96x	7,63x	4,02x	5,57x	8,51x	8,68x
Lojas Renner	ON	LREN3	Comércio	14,31x	10,88x	15,22x	10,59x	10,70x	10,10x	12,33x	18,35x	17,82x	17,70x	13,80x	13,32x

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Magaz Luiza	ON	MGLU3	Comércio	-	7,46x	12,01x	4,06x	3,68x	2,35x	3,76x	13,95x	26,94x	23,77x	10,89x	7,46x
Natura	ON	NATU3	Comércio	16,46x	11,37x	17,11x	12,03x	10,28x	8,63x	8,93x	11,42x	13,75x	14,73x	12,47x	11,72x
P.Acucar-Cbd	ON	PCAR3	Comércio	11,99x	9,17x	8,05x	8,40x	5,80x	3,92x	9,28x	10,58x	8,35x	8,44x	8,40x	8,42x
P.Acucar-Cbd	PN	PCAR4	Comércio	11,99x	9,17x	8,05x	8,40x	5,80x	3,92x	9,28x	10,58x	8,35x	8,44x	8,40x	8,42x
Profarma	ON	PFRM3	Comércio	8,37x	7,01x	7,10x	12,78x	16,69x	6,41x	9,72x	55,61x	10,03x	9,15x	14,29x	9,43x
RaiaDrogasil	ON	RADL3	Comércio	-	-	-	-	-	16,11x	20,74x	27,10x	17,11x	17,16x	19,65x	17,16x
Viavarejo	ON	VVAR3	Comércio	20,56x	7,90x	5,00x	4,44x	3,57x	- 0,75x	4,83x	8,22x	9,30x	11,05x	7,41x	6,45x
Wlm Ind Com	ON	WLMM3	Comércio	2,90x	6,91x	5,85x	9,30x	26,92x	- 542,89x	- 3,81x	- 40,75x	6,99x	6,16x	- 52,24x	6,01x
Wlm Ind Com	PN	WLMM4	Comércio	2,90x	6,91x	5,85x	9,30x	26,92x	- 542,89x	- 3,81x	- 40,75x	6,99x	6,16x	- 52,24x	6,01x
Azevedo	ON	AZEV3	Construção	-	-	3,57x	3,92x	2,24x	3,01x	- 1,34x	- 0,89x	- 1,98x	- 0,84x	0,96x	0,70x
Azevedo	PN	AZEV4	Construção	-	-	3,57x	3,92x	2,24x	3,01x	- 1,34x	- 0,89x	- 1,98x	- 0,84x	0,96x	0,70x
Const A Lind	ON	CALI3	Construção	-	-	-	-	-	-	-	-	13,49x	-	13,49x	13,49x
Const A Lind	PN	CALI4	Construção	-	-	-	-	-	-	-	-	13,49x	-	13,49x	13,49x
Cr2	ON	CRDE3	Construção	8,39x	17,21x	- 45,69x	- 147,48x	- 7,05x	- 2,31x	- 1,95x	- 8,27x	- 1,14x	- 1,08x	- 18,94x	- 2,13x
Cyrela Realt	ON	CYRE3	Construção	15,07x	13,36x	9,68x	8,39x	7,20x	6,89x	19,02x	81,96x	64,14x	31,27x	25,70x	14,21x
Direcional	ON	DIRR3	Construção	11,79x	8,79x	11,01x	8,42x	6,25x	4,78x	40,65x	- 12,74x	- 126,50x	39,00x	- 0,86x	8,61x
Even	ON	EVEN3	Construção	7,81x	8,45x	9,41x	9,71x	11,70x	23,87x	- 167,75x	- 7,36x	- 15,32x	- 35,01x	- 15,45x	8,13x
Eztec	ON	EZTC3	Construção	8,30x	7,20x	12,04x	7,55x	7,85x	4,61x	13,65x	10,20x	620,35x	123,39x	81,52x	9,25x
Gafisa	ON	GFSA3	Construção	12,34x	- 8,95x	17,04x	5,44x	53,77x	14,25x	- 4,66x	- 1,82x	- 4,18x	- 2,80x	8,04x	1,81x
Helbor	ON	HBOR3	Construção	7,62x	7,60x	9,61x	7,41x	8,50x	21,81x	- 46,45x	- 12,36x	- 8,53x	- 10,03x	- 1,48x	7,51x
JHSF Part	ON	JHSF3	Construção	5,91x	9,21x	16,79x	6,13x	12,78x	5,07x	- 15,38x	11,05x	5,87x	5,48x	6,29x	6,02x
Joao Fortes	ON	JFEN3	Construção	-	-	- 187,53x	35,66x	- 22,10x	-	- 4,81x	- 2,74x	- 2,19x	- 2,17x	- 26,55x	- 2,74x
Log Com Prop	ON	LOGG3	Construção	-	-	-	-	-	-	-	-	24,49x	25,27x	24,88x	24,88x
Mendes Jr	ON	MEND3	Construção	4,48x	- 82,78x	- 3,74x	- 20,79x	32,31x	-	- 50,00x	- 9,61x	- 42,07x	- 50,48x	- 24,74x	- 20,79x
Mendes Jr	PNA	MEND5	Construção	4,48x	- 82,78x	- 3,74x	- 20,79x	32,31x	-	- 50,00x	- 9,61x	- 42,07x	- 50,48x	- 24,74x	- 20,79x
Mendes Jr	PNB	MEND6	Construção	4,48x	- 82,78x	- 3,74x	- 20,79x	32,31x	-	- 50,00x	- 9,61x	- 42,07x	- 50,48x	- 24,74x	- 20,79x
MRV	ON	MRVE3	Construção	12,85x	7,81x	12,20x	11,60x	6,64x	8,89x	11,34x	13,50x	9,64x	10,65x	10,51x	11,00x
MRV	UNT	MRVE99	Construção	12,85x	7,81x	12,20x	11,60x	6,64x	8,89x	11,34x	13,50x	9,64x	10,65x	10,51x	11,00x
PDG Realt	ON	PDGR3	Construção	16,44x	9,66x	- 5,20x	22,27x	26,71x	- 2,07x	- 0,62x	- 0,81x	- 4,24x	-	6,91x	- 0,62x
Rni	ON	RDNI3	Construção	13,13x	7,97x	6,54x	6,24x	7,69x	29,26x	- 11,27x	- 6,73x	- 16,76x	- 21,31x	1,48x	6,39x
Rossi Resid	ON	RSID3	Construção	24,50x	27,52x	118,17x	16,41x	- 7,12x	- 5,72x	- 6,99x	- 4,36x	- 3,78x	- 4,01x	15,46x	- 3,90x
Tecnisa	ON	TCSA3	Construção	11,91x	20,34x	- 23,08x	10,65x	14,55x	6,29x	- 3,47x	- 2,94x	- 5,11x	- 5,83x	2,33x	1,68x
Tenda	ON	TEND3	Construção	-	-	-	-	-	-	-	6,05x	5,12x	5,53x	5,57x	5,53x

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Trisul	ON	TRIS3	Construção	13,75x	36,17x	14,72x	9,86x	10,83x	12,30x	21,56x	7,51x	7,95x	7,88x	14,25x	11,56x
Viver	ON	VIVR3	Construção	17,76x	36,46x	3,82x	7,69x	6,62x	6,62x	4,18x	6,14x	5,74x	4,10x	6,36x	5,94x
Itautec	ON	ITEC3	Eletroeletrônicos	12,81x	3,50x	31,21x	2,45x	4,83x	4,30x	-	1,82x	-	16,26x	2,23x	2,13x
Positivo Tec	ON	POSI3	Eletroeletrônicos	8,45x	33,53x	8,07x	5,10x	3,47x	91,43x	2,57x	5,79x	3,81x	3,83x	9,90x	4,46x
Springer	ON	SPRI3	Eletroeletrônicos	9,64x	0,07x	24,75x	2,16x	0,98x	0,80x	5,10x	0,69x	1,41x	0,37x	2,65x	0,89x
Springer	PNA	SPRI5	Eletroeletrônicos	9,64x	0,07x	24,75x	2,16x	0,98x	0,80x	5,10x	0,69x	1,41x	0,37x	2,65x	0,89x
Springer	PNB	SPRI6	Eletroeletrônicos	9,64x	0,07x	24,75x	2,16x	0,98x	0,80x	5,10x	0,69x	1,41x	0,37x	2,65x	0,89x
Whirlpool	ON	WHRL3	Eletroeletrônicos	5,67x	8,04x	4,53x	4,27x	4,63x	6,27x	8,79x	10,69x	15,51x	9,74x	7,81x	7,15x
Whirlpool	PN	WHRL4	Eletroeletrônicos	5,67x	8,04x	4,53x	4,27x	4,63x	6,27x	8,79x	10,69x	15,51x	9,74x	7,81x	7,15x
AES Tiete E	ON	TIET3	Energia Elétrica	-	-	-	-	-	-	7,94x	8,86x	7,01x	7,02x	7,71x	7,48x
AES Tiete E	PN	TIET4	Energia Elétrica	-	-	-	-	-	-	7,94x	8,86x	7,01x	7,02x	7,71x	7,48x
AES Tiete E	UNT N2	TIET11	Energia Elétrica	-	-	-	-	-	-	7,94x	8,86x	7,01x	7,02x	7,71x	7,48x
Afluyente T	ON	AFLT3	Energia Elétrica	-	9,19x	8,97x	10,20x	9,25x	-	9,65x	23,47x	14,01x	11,07x	11,98x	9,92x
Alupar	ON	ALUP3	Energia Elétrica	-	-	-	7,39x	7,79x	7,13x	8,02x	9,13x	8,31x	6,37x	7,74x	7,79x
Alupar	PN	ALUP4	Energia Elétrica	-	-	-	7,39x	7,79x	7,13x	8,02x	9,13x	8,31x	6,37x	7,74x	7,79x
Alupar	UNT N2	ALUP11	Energia Elétrica	-	-	-	7,39x	7,79x	7,13x	8,02x	9,13x	8,31x	6,37x	7,74x	7,79x
Ampla Energ	ON	CBEE3	Energia Elétrica	10,29x	11,39x	6,50x	6,56x	6,15x	16,11x	17,86x	10,56x	7,88x	-	10,37x	10,29x
Ceb	ON	CEBR3	Energia Elétrica	-	5,37x	-	-	-	3,05x	6,76x	-	-	-	5,06x	5,37x
Ceb	PNA	CEBR5	Energia Elétrica	-	5,37x	-	-	-	3,05x	6,76x	-	-	-	5,06x	5,37x
Ceb	PNB	CEBR6	Energia Elétrica	-	5,37x	-	-	-	3,05x	6,76x	-	-	-	5,06x	5,37x
Ceee-D	ON	CEED3	Energia Elétrica	14,77x	48,15x	6,13x	-	-	1,41x	1,91x	8,94x	3,03x	2,98x	8,68x	3,00x
Ceee-D	PN	CEED4	Energia Elétrica	14,77x	48,15x	6,13x	-	-	1,41x	1,91x	8,94x	3,03x	2,98x	8,68x	3,00x
Ceee-Gt	ON	EEEL3	Energia Elétrica	-	-	-	0,75x	7,42x	0,81x	3,91x	7,13x	6,51x	4,17x	5,21x	5,21x
Ceee-Gt	PN	EEEL4	Energia Elétrica	-	-	-	0,75x	7,42x	0,81x	3,91x	7,13x	6,51x	4,17x	5,21x	5,21x
Celesc	ON	CLSC3	Energia Elétrica	3,47x	3,26x	4,11x	1,91x	0,98x	2,57x	1,47x	1,93x	4,23x	4,16x	1,99x	2,25x
Celesc	PN	CLSC4	Energia Elétrica	3,47x	3,26x	4,11x	1,91x	0,98x	2,57x	1,47x	1,93x	4,23x	4,16x	1,99x	2,25x
Celgpar	ON	GPAP3	Energia Elétrica	-	-	-	-	-	4,21x	0,14x	-	-	-	2,04x	2,04x
Celipa	ON	CELP3	Energia Elétrica	5,30x	-	3,76x	39,36x	7,18x	11,35x	8,51x	6,13x	6,95x	6,51x	9,73x	6,95x
Celipa	PNA	CELP5	Energia Elétrica	5,30x	-	3,76x	39,36x	7,18x	11,35x	8,51x	6,13x	6,95x	6,51x	9,73x	6,95x
Celipa	PNB	CELP6	Energia Elétrica	5,30x	-	3,76x	39,36x	7,18x	11,35x	8,51x	6,13x	6,95x	6,51x	9,73x	6,95x
Celipa	PNC	CELP7	Energia Elétrica	5,30x	-	3,76x	39,36x	7,18x	11,35x	8,51x	6,13x	6,95x	6,51x	9,73x	6,95x
Celpe	ON	CEPE3	Energia Elétrica	6,04x	8,24x	11,24x	6,51x	4,86x	7,93x	7,88x	7,27x	7,86x	7,20x	7,50x	7,56x
Celpe	PNA	CEPE5	Energia Elétrica	6,04x	8,24x	11,24x	6,51x	4,86x	7,93x	7,88x	7,27x	7,86x	7,20x	7,50x	7,56x

Nome	Classe	Código	Setor Economatica	EV/EBITDA emp 31Dez10 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez11 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez12 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez13 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez14 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez15 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez16 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez17 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez18 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 17Mai19 Em moeda orig de 12 meses consolid:sim*	Media	Mediana
Celpe	PNB	CEPE6	Energia Elétrica	6,04x	8,24x	11,24x	6,51x	4,86x	7,93x	7,88x	7,27x	7,86x	7,20x	7,50x	7,56x
Cemar	ON	ENMA3B	Energia Elétrica	-	6,02x	5,35x	7,63x	6,09x	6,90x	8,68x	6,82x	6,72x	6,37x	6,73x	6,72x
Cemar	PNA	ENMA5B	Energia Elétrica	-	6,02x	5,35x	7,63x	6,09x	6,90x	8,68x	6,82x	6,72x	6,37x	6,73x	6,72x
Cemar	PNB	ENMA6B	Energia Elétrica	-	6,02x	5,35x	7,63x	6,09x	6,90x	8,68x	6,82x	6,72x	6,37x	6,73x	6,72x
Cemig	ON	CMIG3	Energia Elétrica	5,71x	6,16x	6,12x	4,63x	4,46x	3,95x	8,69x	5,95x	10,56x	8,94x	6,52x	6,03x
Cemig	PN	CMIG4	Energia Elétrica	5,71x	6,16x	6,12x	4,63x	4,46x	3,95x	8,69x	5,95x	10,56x	8,94x	6,52x	6,03x
Cesp	ON	CESP3	Energia Elétrica	7,41x	7,29x	4,61x	9,37x	4,59x	4,80x	7,54x	21,41x	11,14x	19,12x	9,73x	7,48x
Cesp	PNA	CESP5	Energia Elétrica	7,41x	7,29x	4,61x	9,37x	4,59x	4,80x	7,54x	21,41x	11,14x	19,12x	9,73x	7,48x
Cesp	PNB	CESP6	Energia Elétrica	7,41x	7,29x	4,61x	9,37x	4,59x	4,80x	7,54x	21,41x	11,14x	19,12x	9,73x	7,48x
Coelba	ON	CEEB3	Energia Elétrica	6,49x	8,96x	8,06x	8,50x	6,80x	8,18x	8,38x	8,86x	7,82x	7,78x	7,98x	8,12x
Coelba	PNA	CEEB5	Energia Elétrica	6,49x	8,96x	8,06x	8,50x	6,80x	8,18x	8,38x	8,86x	7,82x	7,78x	7,98x	8,12x
Coelba	PNB	CEEB6	Energia Elétrica	6,49x	8,96x	8,06x	8,50x	6,80x	8,18x	8,38x	8,86x	7,82x	7,78x	7,98x	8,12x
Coelce	ON	COCE3	Energia Elétrica	3,64x	4,40x	6,45x	10,47x	6,57x	5,93x	6,58x	6,22x	6,72x	8,12x	6,51x	6,51x
Coelce	PNA	COCE5	Energia Elétrica	3,64x	4,40x	6,45x	10,47x	6,57x	5,93x	6,58x	6,22x	6,72x	8,12x	6,51x	6,51x
Coelce	PNB	COCE6	Energia Elétrica	3,64x	4,40x	6,45x	10,47x	6,57x	5,93x	6,58x	6,22x	6,72x	8,12x	6,51x	6,51x
Copel	ON	CPLE3	Energia Elétrica	6,80x	5,53x	5,87x	5,38x	5,74x	4,51x	5,13x	5,25x	5,74x	6,02x	5,60x	5,63x
Copel	PNA	CPLE5	Energia Elétrica	6,80x	5,53x	5,87x	5,38x	5,74x	4,51x	5,13x	5,25x	5,74x	6,02x	5,60x	5,63x
Copel	PNB	CPLE6	Energia Elétrica	6,80x	5,53x	5,87x	5,38x	5,74x	4,51x	5,13x	5,25x	5,74x	6,02x	5,60x	5,63x
Cosern	ON	CSRN3	Energia Elétrica	7,85x	8,74x	6,72x	-	5,66x	7,51x	10,13x	11,50x	9,11x	8,71x	8,44x	8,71x
Cosern	PNA	CSRN5	Energia Elétrica	7,85x	8,74x	6,72x	-	5,66x	7,51x	10,13x	11,50x	9,11x	8,71x	8,44x	8,71x
Cosern	PNB	CSRN6	Energia Elétrica	7,85x	8,74x	6,72x	-	5,66x	7,51x	10,13x	11,50x	9,11x	8,71x	8,44x	8,71x
CPFL Energia	ON	CPFE3	Energia Elétrica	8,13x	9,71x	9,43x	9,29x	9,31x	8,95x	10,65x	7,99x	8,89x	8,39x	9,07x	9,12x
CPFL Renovav	ON	CPRE3	Energia Elétrica	-	-	-	17,65x	16,30x	11,03x	11,49x	10,04x	10,63x	9,30x	12,35x	11,03x
Elektro	ON	EKTR3	Energia Elétrica	6,74x	6,20x	8,75x	6,87x	4,65x	7,44x	7,41x	7,89x	7,32x	6,61x	6,99x	7,09x
Elektro	PN	EKTR4	Energia Elétrica	6,74x	6,20x	8,75x	6,87x	4,65x	7,44x	7,41x	7,89x	7,32x	6,61x	6,99x	7,09x
Eletrobras	ON	ELET3	Energia Elétrica	7,22x	8,34x	- 7,73x	- 9,05x	- 242,76x	- 4,49x	3,57x	9,65x	4,08x	-	- 25,69x	3,57x
Eletrobras	PNA	ELET5	Energia Elétrica	7,22x	8,34x	- 7,73x	- 9,05x	- 242,76x	- 4,49x	3,57x	9,65x	4,08x	-	- 25,69x	3,57x
Eletrobras	PNB	ELET6	Energia Elétrica	7,22x	8,34x	- 7,73x	- 9,05x	- 242,76x	- 4,49x	3,57x	9,65x	4,08x	-	- 25,69x	3,57x
Eletropar	ON	LIPR3	Energia Elétrica	24,60x	27,43x	60,05x	-17.015,80x	- 67,91x	- 337,21x	20,63x	11,79x	61,07x	49,64x	#####	22,62x
Eletropaulo	ON	ELPL3	Energia Elétrica	2,71x	2,71x	7,32x	4,58x	7,59x	4,76x	6,61x	5,32x	8,52x	8,11x	5,82x	5,97x
Emae	ON	EMAE3	Energia Elétrica	-	- 1,68x	- 2,31x	8,42x	- 2,58x	- 10,57x	73,41x	2,48x	78,36x	60,71x	22,92x	2,48x
Emae	PN	EMAE4	Energia Elétrica	-	- 1,68x	- 2,31x	8,42x	- 2,58x	- 10,57x	73,41x	2,48x	78,36x	60,71x	22,92x	2,48x
Energias BR	ON	ENBR3	Energia Elétrica	6,77x	7,33x	8,79x	6,20x	4,59x	4,31x	6,02x	6,44x	5,31x	5,83x	6,16x	6,11x

Nome	Classe	Código	Setor Economatica	EV/EBITDA emp 31Dez10 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez11 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez12 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez13 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez14 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez15 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez16 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez17 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez18 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 17Mai19 Em moeda orig de 12 meses consolid:sim*	Media	Mediana
Energisa	ON	ENGI3	Energia Elétrica	6,44x	7,31x	7,26x	8,77x	6,23x	7,10x	6,96x	9,11x	6,81x	8,18x	7,42x	7,18x
Energisa	PN	ENGI4	Energia Elétrica	6,44x	7,31x	7,26x	8,77x	6,23x	7,10x	6,96x	9,11x	6,81x	8,18x	7,42x	7,18x
Energisa	UNT N2	ENGI11	Energia Elétrica	6,44x	7,31x	7,26x	8,77x	6,23x	7,10x	6,96x	9,11x	6,81x	8,18x	7,42x	7,18x
Energisa Mt	ON	ENMT3	Energia Elétrica	5,35x	3,25x	7,19x	- 44,47x	4,54x	7,67x	7,72x	11,24x	7,92x	9,31x	1,97x	7,43x
Energisa Mt	PN	ENMT4	Energia Elétrica	5,35x	3,25x	7,19x	- 44,47x	4,54x	7,67x	7,72x	11,24x	7,92x	9,31x	1,97x	7,43x
Eneva	ON	ENEV3	Energia Elétrica	- 21,64x	- 33,13x	- 28,93x	- 29,11x	- 17,32x	22,41x	7,80x	6,88x	5,67x	6,16x	- 8,12x	- 5,83x
Engie Brasil	ON	EGIE3	Energia Elétrica	8,12x	7,71x	7,76x	8,67x	8,47x	7,64x	7,90x	8,00x	7,92x	9,28x	8,15x	7,96x
Equatorial	ON	EQTL3	Energia Elétrica	3,96x	5,16x	9,06x	12,38x	6,99x	7,95x	8,79x	9,35x	8,90x	9,64x	8,22x	8,85x
Ger Paranap	ON	GEPA3	Energia Elétrica	-	-	-	-	-	7,32x	4,61x	6,55x	5,61x	5,71x	5,96x	5,71x
Ger Paranap	PN	GEPA4	Energia Elétrica	-	-	-	-	-	7,32x	4,61x	6,55x	5,61x	5,71x	5,96x	5,71x
Light S/A	ON	LIGT3	Energia Elétrica	4,47x	7,51x	6,06x	5,03x	5,28x	8,28x	9,71x	6,18x	7,77x	7,46x	6,78x	6,82x
Rede Energia	ON	REDE3	Energia Elétrica	7,11x	6,52x	72,49x	227,15x	2,70x	6,13x	7,57x	8,31x	11,73x	11,33x	36,11x	7,94x
Rede Energia	PN	REDE4	Energia Elétrica	7,11x	6,52x	72,49x	227,15x	2,70x	6,13x	7,57x	8,31x	11,73x	11,33x	36,11x	7,94x
Renova	ON	RNEW3	Energia Elétrica	67,33x	- 293,40x	59,07x	36,67x	51,12x	9,03x	- 5,32x	- 2,84x	- 1,32x	- 1,52x	- 8,12x	3,86x
Renova	PN	RNEW4	Energia Elétrica	67,33x	- 293,40x	59,07x	36,67x	51,12x	9,03x	- 5,32x	- 2,84x	- 1,32x	- 1,52x	- 8,12x	3,86x
Renova	UNT N2	RNEW11	Energia Elétrica	67,33x	- 293,40x	59,07x	36,67x	51,12x	9,03x	- 5,32x	- 2,84x	- 1,32x	- 1,52x	- 8,12x	3,86x
Taesa	ON	TAEE3	Energia Elétrica	5,47x	6,82x	9,00x	7,95x	6,75x	6,05x	7,52x	10,95x	8,11x	8,87x	7,75x	7,73x
Taesa	PN	TAEE4	Energia Elétrica	5,47x	6,82x	9,00x	7,95x	6,75x	6,05x	7,52x	10,95x	8,11x	8,87x	7,75x	7,73x
Taesa	UNT N2	TAEE11	Energia Elétrica	5,47x	6,82x	9,00x	7,95x	6,75x	6,05x	7,52x	10,95x	8,11x	8,87x	7,75x	7,73x
Tran Paulist	ON	TRPL3	Energia Elétrica	-	7,67x	6,14x	- 28,52x	16,33x	12,89x	1,51x	5,85x	5,64x	6,06x	3,73x	6,06x
Tran Paulist	PN	TRPL4	Energia Elétrica	-	7,67x	6,14x	- 28,52x	16,33x	12,89x	1,51x	5,85x	5,64x	6,06x	3,73x	6,06x
Alper S.A.	ON	APER3	Finanças e Seguro	-	-	-	14,84x	32,54x	- 0,46x	- 1,05x	- 0,72x	- 0,62x	- 0,79x	6,25x	- 0,62x
B3	ON	B3SA3	Finanças e Seguro	18,30x	12,94x	16,22x	11,30x	10,93x	5,66x	19,85x	21,12x	15,69x	17,20x	14,92x	15,96x
Porto Seguro	ON	PSSA3	Finanças e Seguro	5,27x	- 17,43x	- 10,68x	1,04x	5,30x	- 0,15x	- 3,46x	0,87x	4,05x	3,03x	- 1,22x	0,95x
Sul America	ON	SULA3	Finanças e Seguro	-	-	-	-	-	11,19x	- 23,13x	- 11,40x	- 3,37x	- 1,31x	- 10,08x	- 11,19x
Sul America	PN	SULA4	Finanças e Seguro	-	-	-	-	-	11,19x	- 23,13x	- 11,40x	- 3,37x	- 1,31x	- 10,08x	- 11,19x
Sul America	UNT N2	SULA11	Finanças e Seguro	-	-	-	-	-	11,19x	- 23,13x	- 11,40x	- 3,37x	- 1,31x	- 10,08x	- 11,19x
Tarpon Inv	ON	TRPN3	Finanças e Seguro	-	-	-	-	-	10,79x	15,96x	5,40x	- 0,05x	- 0,17x	6,39x	5,40x
Wiz S.A	ON	WIZS3	Finanças e Seguro	-	-	-	-	-	9,31x	9,78x	6,90x	-	-	8,66x	9,31x
Bardella	ON	BDLL3	Máquinas Indust	8,50x	2,77x	42,18x	- 34,52x	6,39x	6,51x	- 3,98x	- 5,04x	- 3,59x	- 3,48x	1,57x	- 0,35x
Bardella	PN	BDLL4	Máquinas Indust	8,50x	2,77x	42,18x	- 34,52x	6,39x	6,51x	- 3,98x	- 5,04x	- 3,59x	- 3,48x	1,57x	- 0,35x
Inds Romi	ON	ROMI3	Máquinas Indust	18,17x	74,99x	- 74,05x	13,59x	12,32x	11,22x	- 36,76x	7,55x	9,38x	6,25x	4,27x	10,30x
Metalfrio	ON	FRIO3	Máquinas Indust	7,64x	7,83x	14,80x	16,57x	8,39x	7,10x	5,33x	5,26x	5,32x	5,13x	8,34x	7,37x

Nome	Classe	Código	Setor Economatica	EV/EBITDA emp 31Dez10 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez11 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez12 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez13 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez14 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez15 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez16 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez17 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez18 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 17Mai19 Em moeda orig de 12 meses consolid:sim*	Media	Mediana
Weg	ON	WEGE3	Máquinas Indust	17,15x	14,42x	16,68x	15,65x	18,34x	16,89x	17,59x	26,25x	20,38x	20,46x	18,38x	17,37x
Ccx Carvao	ON	CCXC3	Mineração	-	-	5,05x	0,37x	0,95x	2,10x	1,68x	2,91x	1,36x	0,59x	1,46x	1,16x
MMX Miner	ON	MMXM3	Mineração	29,76x	24,85x	32,18x	0,65x	0,10x	0,91x	0,40x	11,11x	4,09x	4,56x	0,32x	0,38x
Vale	ON	VALE3	Mineração	6,70x	4,00x	11,47x	5,63x	6,39x	11,35x	5,81x	5,90x	5,45x	7,66x	4,77x	5,85x
Eternit	ON	ETER3	Minerais não Met	7,17x	5,54x	3,85x	4,58x	3,99x	3,95x	11,26x	1,21x	2,22x	1,76x	3,51x	3,97x
Nadir Figuei	ON	NAFG3	Minerais não Met	-	6,77x	9,35x	5,49x	4,02x	-	-	2,79x	3,99x	5,65x	5,44x	5,49x
Nadir Figuei	PN	NAFG4	Minerais não Met	-	6,77x	9,35x	5,49x	4,02x	-	-	2,79x	3,99x	5,65x	5,44x	5,49x
Portobello	ON	PTBL3	Minerais não Met	-	-	6,17x	6,52x	6,10x	5,01x	6,96x	6,82x	4,64x	4,74x	5,87x	6,13x
Alfa Consorc	ON	BRGE3	Outros	5,04x	8,26x	12,00x	1,47x	32,98x	24,49x	85,53x	152,84x	52,28x	45,77x	6,14x	11,51x
Alfa Consorc	PNA	BRGE5	Outros	5,04x	8,26x	12,00x	1,47x	32,98x	24,49x	85,53x	152,84x	52,28x	45,77x	6,14x	11,51x
Alfa Consorc	PNB	BRGE6	Outros	5,04x	8,26x	12,00x	1,47x	32,98x	24,49x	85,53x	152,84x	52,28x	45,77x	6,14x	11,51x
Alfa Consorc	PNC	BRGE7	Outros	5,04x	8,26x	12,00x	1,47x	32,98x	24,49x	85,53x	152,84x	52,28x	45,77x	6,14x	11,51x
Alfa Consorc	PND	BRGE8	Outros	5,04x	8,26x	12,00x	1,47x	32,98x	24,49x	85,53x	152,84x	52,28x	45,77x	6,14x	11,51x
Alfa Consorc	PNE	BRGE11	Outros	5,04x	8,26x	12,00x	1,47x	32,98x	24,49x	85,53x	152,84x	52,28x	45,77x	6,14x	11,51x
Alfa Consorc	PNF	BRGE12	Outros	5,04x	8,26x	12,00x	1,47x	32,98x	24,49x	85,53x	152,84x	52,28x	45,77x	6,14x	11,51x
Alfa Holding	ON	RPAD3	Outros	9,83x	8,35x	6,42x	6,88x	6,25x	4,01x	6,72x	5,69x	6,26x	8,70x	6,91x	6,57x
Alfa Holding	PNA	RPAD5	Outros	9,83x	8,35x	6,42x	6,88x	6,25x	4,01x	6,72x	5,69x	6,26x	8,70x	6,91x	6,57x
Alfa Holding	PNB	RPAD6	Outros	9,83x	8,35x	6,42x	6,88x	6,25x	4,01x	6,72x	5,69x	6,26x	8,70x	6,91x	6,57x
Aliansce	ON	ALSC3	Outros	15,24x	11,26x	15,79x	12,24x	7,67x	5,74x	7,90x	8,19x	8,51x	7,73x	10,03x	8,35x
Alliar	ON	AALR3	Outros	-	-	-	-	-	-	13,07x	15,45x	9,76x	10,00x	12,07x	11,53x
Anima	ON	ANIM3	Outros	-	-	-	26,93x	20,48x	13,43x	13,10x	17,58x	16,47x	17,61x	17,94x	17,58x
Bahema	ON	BAHI3	Outros	-	-	-	-	-	-	-	27,38x	110,54x	88,67x	75,53x	88,67x
Baumer	ON	BALM3	Outros	-	4,06x	5,88x	5,23x	6,83x	5,97x	9,18x	19,33x	19,35x	-	9,48x	6,40x
Baumer	PN	BALM4	Outros	-	4,06x	5,88x	5,23x	6,83x	5,97x	9,18x	19,33x	19,35x	-	9,48x	6,40x
Biommm	ON	BIOM3	Outros	-	11,44x	8,18x	38,32x	13,86x	53,04x	8,61x	12,86x	13,02x	8,70x	18,67x	12,86x
Bk Brasil	ON	BKBR3	Outros	-	-	-	-	-	-	-	17,28x	16,50x	15,92x	16,57x	16,50x
BR Brokers	ON	BBRK3	Outros	12,38x	6,54x	18,02x	9,89x	65,82x	2,60x	2,50x	1,83x	2,79x	2,36x	3,11x	2,10x
BR Malls Par	ON	BRML3	Outros	8,69x	7,86x	4,83x	6,99x	7,42x	7,24x	48,34x	14,48x	8,02x	7,10x	9,20x	7,33x
BR Propert	ON	BRPR3	Outros	3,42x	5,97x	5,57x	14,42x	7,82x	72,67x	33,11x	12,51x	10,24x	10,94x	3,13x	9,03x
Bradespar	ON	BRAP3	Outros	6,44x	5,57x	20,85x	457,69x	96,30x	1,07x	5,94x	3,66x	8,32x	8,63x	61,23x	7,38x
Bradespar	PN	BRAP4	Outros	6,44x	5,57x	20,85x	457,69x	96,30x	1,07x	5,94x	3,66x	8,32x	8,63x	61,23x	7,38x
Casan	ON	CASN3	Outros	120,76x	-	37,95x	-	-	-	-	-	-	329,64x	162,78x	120,76x
Casan	PN	CASN4	Outros	120,76x	-	37,95x	-	-	-	-	-	-	329,64x	162,78x	120,76x

Nome	Classe	Código	Setor Economatica	EV/EBITDA emp 31Dez10 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez11 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez12 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez13 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez14 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez15 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez16 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez17 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez18 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 17Mai19 Em moeda orig de 12 meses consolid:sim*	Media	Mediana
Cemepe	ON	MAPT3	Outros	- 180,18x	- 20,78x	- 26,72x	- 46,98x	-	- 10,99x	-	- 23,14x	-	- 26,68x	- 47,92x	- 26,68x
Cemepe	PN	MAPT4	Outros	- 180,18x	- 20,78x	- 26,72x	- 46,98x	-	- 10,99x	-	- 23,14x	-	- 26,68x	- 47,92x	- 26,68x
Copasa	ON	CSMG3	Outros	4,19x	6,09x	6,81x	6,34x	5,52x	5,62x	5,30x	5,39x	7,38x	6,50x	5,91x	5,86x
Csu Cardsyst	ON	CARD3	Outros	4,45x	3,96x	3,57x	6,08x	3,60x	2,43x	2,72x	4,11x	3,79x	4,41x	3,91x	3,88x
Cyre Com-Ccp	ON	CCPR3	Outros	9,78x	9,53x	11,93x	15,38x	14,66x	13,41x	13,04x	5,92x	12,15x	13,14x	11,89x	12,59x
Dasa	ON	DASA3	Outros	14,58x	11,26x	12,44x	12,41x	10,16x	11,33x	11,66x	17,25x	16,00x	16,43x	13,35x	12,42x
Dtcom Direct	ON	DTCY3	Outros	35,53x	28,30x	7,51x	12,84x	14,97x	21,46x	8,10x	3,93x	3,57x	4,19x	14,04x	10,47x
Dtcom Direct	PN	DTCY4	Outros	35,53x	28,30x	7,51x	12,84x	14,97x	21,46x	8,10x	3,93x	3,57x	4,19x	14,04x	10,47x
Duratex	ON	DTEX3	Outros	8,41x	6,04x	7,99x	6,49x	5,80x	6,48x	7,47x	8,56x	6,38x	5,20x	6,88x	6,49x
Estacio Part	ON	ESTC3	Outros	22,32x	12,68x	17,04x	17,50x	13,78x	6,84x	8,44x	13,82x	7,37x	8,88x	12,87x	13,23x
Estrela	ON	ESTR3	Outros	- 5,87x	- 14,09x	28,65x	28,40x	5,38x	- 9,83x	- 6,44x	- 11,17x	3,99x	3,44x	2,25x	- 1,22x
Estrela	PN	ESTR4	Outros	- 5,87x	- 14,09x	28,65x	28,40x	5,38x	- 9,83x	- 6,44x	- 11,17x	3,99x	3,44x	2,25x	- 1,22x
Eucatex	ON	EUCA3	Outros	3,34x	3,26x	3,38x	3,19x	2,31x	2,38x	2,96x	3,73x	3,48x	4,25x	3,23x	3,30x
Eucatex	PN	EUCA4	Outros	3,34x	3,26x	3,38x	3,19x	2,31x	2,38x	2,96x	3,73x	3,48x	4,25x	3,23x	3,30x
Fleury	ON	FLRY3	Outros	15,11x	17,27x	12,65x	11,93x	9,98x	8,00x	12,45x	15,69x	9,68x	8,80x	12,16x	12,19x
Generalshopp	ON	GSHP3	Outros	8,25x	9,43x	9,30x	7,39x	14,63x	31,53x	7,10x	3,65x	20,47x	8,92x	12,07x	9,11x
GP Invest	A	GPIV33	Outros	8,86x	- 5,88x	- 28,35x	- 5,23x	7,83x	- 2,29x	3,27x	2,86x	- 1,98x	- 2,17x	- 2,31x	- 2,07x
GPC Part	ON	GPCP3	Outros	7,05x	21,18x	14,79x	2,70x	18,64x	17,86x	2,63x	2,03x	3,85x	4,81x	9,55x	5,93x
GPC Part	PN	GPCP4	Outros	7,05x	21,18x	14,79x	2,70x	18,64x	17,86x	2,63x	2,03x	3,85x	4,81x	9,55x	5,93x
Habitasul	ON	HBTS3	Outros	2,37x	5,25x	11,64x	6,61x	59,00x	16,16x	- 17,40x	- 1,57x	- 2,38x	-	8,85x	5,25x
Habitasul	PNA	HBTS5	Outros	2,37x	5,25x	11,64x	6,61x	59,00x	16,16x	- 17,40x	- 1,57x	- 2,38x	-	8,85x	5,25x
Habitasul	PNB	HBTS6	Outros	2,37x	5,25x	11,64x	6,61x	59,00x	16,16x	- 17,40x	- 1,57x	- 2,38x	-	8,85x	5,25x
Hapvida	ON	HAPV3	Outros	-	-	-	-	-	-	-	-	21,99x	24,29x	23,14x	23,14x
Hoteis Othon	ON	HOOT3	Outros	16,83x	- 5,08x	9,72x	1,19x	2,25x	5,55x	1,54x	- 10,94x	- 0,83x	-	2,25x	1,54x
Hoteis Othon	PN	HOOT4	Outros	16,83x	- 5,08x	9,72x	1,19x	2,25x	5,55x	1,54x	- 10,94x	- 0,83x	-	2,25x	1,54x
Hypera	ON	HYPE3	Outros	19,48x	13,59x	14,54x	13,88x	13,24x	16,04x	13,99x	17,22x	13,65x	12,79x	14,84x	13,93x
Ideiasnet	ON	IDNT3	Outros	- 54,83x	19,00x	18,56x	21,47x	- 11,77x	- 1,57x	0,33x	7,31x	9,73x	3,18x	1,14x	5,24x
Iguatemi	ON	IGTA3	Outros	17,07x	13,19x	12,01x	14,40x	12,82x	9,99x	12,27x	15,91x	15,99x	13,95x	13,76x	13,57x
Ihpardini	ON	PAR3	Outros	-	-	-	-	-	-	-	19,13x	11,20x	9,56x	13,30x	11,20x
Inepar	ON	INEP3	Outros	9,56x	- 47,06x	12,79x	- 18,75x	- 2,82x	- 2,95x	- 1,57x	- 5,24x	- 5,14x	- 5,42x	- 6,66x	- 4,05x
Inepar	PN	INEP4	Outros	9,56x	- 47,06x	12,79x	- 18,75x	- 2,82x	- 2,95x	- 1,57x	- 5,24x	- 5,14x	- 5,42x	- 6,66x	- 4,05x
Intermedica	ON	GNDI3	Outros	-	-	-	-	-	-	-	-	20,05x	23,89x	21,97x	21,97x
Invest Bemge	ON	FIGE3	Outros	-	-	-	-	0,62x	-	-	-	-	-	0,62x	0,62x

Nome	Classe	Código	Setor Economatica	EV/EBITDA emp 31Dez10 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez11 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez12 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez13 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez14 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez15 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez16 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez17 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez18 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 17Mai19 Em moeda orig de 12 meses consolid:sim*	Media	Mediana
Invest Bemge	PN	FIGE4	Outros	-	-	-	-	0,62x	-	-	-	-	-	0,62x	0,62x
Itausa	ON	ITSA3	Outros	3,13x	4,46x	5,67x	8,53x	6,89x	5,21x	7,27x	9,27x	10,11x	9,52x	7,01x	7,08x
Itausa	PN	ITSA4	Outros	3,13x	4,46x	5,67x	8,53x	6,89x	5,21x	7,27x	9,27x	10,11x	9,52x	7,01x	7,08x
Jereissati	ON	JPSA3	Outros	4,50x	3,28x	5,71x	16,10x	74,19x	20,68x	7,60x	9,67x	9,32x	9,27x	2,94x	6,65x
Jereissati	PN	JPSA4	Outros	4,50x	3,28x	5,71x	16,10x	74,19x	20,68x	7,60x	9,67x	9,32x	9,27x	2,94x	6,65x
Kroton	ON	KROT3	Outros	597,89x	24,07x	19,87x	15,99x	19,85x	8,40x	9,44x	13,62x	11,42x	10,80x	73,13x	14,81x
Liq	ON	LIQO3	Outros	6,40x	7,96x	6,36x	5,69x	4,22x	12,23x	35,30x	7,14x	5,26x	9,60x	8,59x	6,38x
Localiza	ON	RENT3	Outros	9,76x	7,80x	9,89x	8,99x	9,02x	7,24x	9,07x	14,86x	15,66x	16,57x	10,89x	9,42x
Locamerica	ON	LCAM3	Outros	-	-	8,06x	5,88x	4,70x	4,43x	-	7,09x	8,84x	8,65x	6,81x	7,09x
Longdis	ON	SPRT3B	Outros	-	35,23x	-	-	-	-	-	-	-	-	35,23x	35,23x
Lopes Brasil	ON	LPSB3	Outros	11,55x	9,64x	15,02x	8,83x	129,00x	0,41x	30,65x	11,26x	46,53x	19,25x	6,59x	4,21x
Mills	ON	MILS3	Outros	13,24x	10,92x	13,16x	11,53x	5,41x	6,95x	19,49x	20,40x	2.953,17x	86,27x	309,97x	12,34x
Mont Aranha	ON	MOAR3	Outros	9,68x	3,14x	7,86x	16,39x	6,68x	-	5,01x	14,07x	80,71x	236,89x	42,27x	9,68x
Movida	ON	MOVI3	Outros	-	-	-	-	-	-	-	7,90x	7,70x	8,70x	8,10x	7,90x
Multiplan	ON	MULT3	Outros	17,73x	15,94x	19,71x	18,24x	13,62x	11,45x	16,81x	19,53x	17,41x	15,63x	16,61x	17,11x
Odontoprev	ON	ODPV3	Outros	35,53x	24,23x	26,74x	18,52x	17,61x	14,72x	21,66x	13,72x	17,14x	18,16x	20,80x	18,34x
Omega Ger	ON	OMGE3	Outros	-	-	-	-	-	-	-	12,48x	10,21x	12,42x	11,70x	12,42x
Par Al Bahia	ON	PEAB3	Outros	1,73x	18,57x	30,91x	10,22x	-	7,34x	4,55x	6,98x	6,91x	4,51x	7,54x	6,91x
Par Al Bahia	PN	PEAB4	Outros	1,73x	18,57x	30,91x	10,22x	-	7,34x	4,55x	6,98x	6,91x	4,51x	7,54x	6,91x
Qualicorp	ON	QUAL3	Outros	-	30,76x	23,77x	14,37x	12,23x	6,24x	7,65x	10,63x	3,82x	5,11x	12,73x	10,63x
Sabesp	ON	SBSP3	Outros	4,94x	5,81x	7,47x	6,42x	7,10x	5,93x	6,50x	6,32x	4,82x	5,57x	6,09x	6,13x
Sanepar	ON	SAPR3	Outros	4,64x	4,14x	6,14x	5,58x	5,94x	4,26x	6,26x	5,80x	5,29x	5,91x	5,40x	5,69x
Sanepar	PN	SAPR4	Outros	4,64x	4,14x	6,14x	5,58x	5,94x	4,26x	6,26x	5,80x	5,29x	5,91x	5,40x	5,69x
Sanepar	UNT N2	SAPR11	Outros	4,64x	4,14x	6,14x	5,58x	5,94x	4,26x	6,26x	5,80x	5,29x	5,91x	5,40x	5,69x
Sansuy	ON	SNSY3	Outros	3,14x	7,40x	8,11x	26,49x	3,94x	1,96x	1,64x	-	1,18x	1,19x	1,97x	1,19x
Sansuy	PNA	SNSY5	Outros	3,14x	7,40x	8,11x	26,49x	3,94x	1,96x	1,64x	-	1,18x	1,19x	1,97x	1,19x
Sansuy	PNB	SNSY6	Outros	3,14x	7,40x	8,11x	26,49x	3,94x	1,96x	1,64x	-	1,18x	1,19x	1,97x	1,19x
Sao Carlos	ON	SCAR3	Outros	9,98x	9,91x	8,43x	6,30x	10,65x	7,19x	8,25x	10,49x	14,55x	16,26x	10,20x	9,94x
Saraiva Livr	ON	SLED3	Outros	8,85x	4,96x	5,54x	11,32x	6,44x	10,51x	11,56x	24,36x	0,81x	2,12x	5,96x	5,99x
Saraiva Livr	PN	SLED4	Outros	8,85x	4,96x	5,54x	11,32x	6,44x	10,51x	11,56x	24,36x	0,81x	2,12x	5,96x	5,99x
Ser Educa	ON	SEER3	Outros	-	-	-	17,50x	14,48x	3,87x	6,38x	11,63x	4,44x	6,24x	9,22x	6,38x
Sierrabrasil	ON	SSBR3	Outros	-	5,05x	7,45x	4,74x	6,30x	8,15x	7,34x	9,08x	6,39x	6,60x	6,79x	6,60x
Smiles	ON	SMLS3	Outros	-	-	-	-	21,25x	8,92x	8,14x	13,16x	6,23x	5,17x	10,48x	8,53x

Nome	Classe	Código	Setor Economatica	EV/EBITDA emp 31Dez10 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez11 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez12 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez13 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez14 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez15 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez16 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez17 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez18 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 17Mai19 Em moeda orig de 12 meses consolid:sim*	Media	Mediana
Somos Educa	ON	SEDU3	Outros	-	8,37x	13,49x	12,38x	12,10x	19,88x	18,97x	15,61x	- 50,50x	- 37,57x	1,41x	12,38x
Sondotecnica	ON	SOND3	Outros	4,22x	13,29x	1,21x	1,61x	4,56x	- 1,53x	-	45,01x	9,29x	11,03x	9,85x	4,56x
Sondotecnica	PNA	SOND5	Outros	4,22x	13,29x	1,21x	1,61x	4,56x	- 1,53x	-	45,01x	9,29x	11,03x	9,85x	4,56x
Sondotecnica	PNB	SOND6	Outros	4,22x	13,29x	1,21x	1,61x	4,56x	- 1,53x	-	45,01x	9,29x	11,03x	9,85x	4,56x
SPTuris	ON	AHEB3	Outros	-	-	-	-	-	-	-	-	- 12,21x	-	- 12,21x	- 12,21x
SPTuris	PNA	AHEB5	Outros	-	-	-	-	-	-	-	-	- 12,21x	-	- 12,21x	- 12,21x
SPTuris	PNB	AHEB6	Outros	-	-	-	-	-	-	-	-	- 12,21x	-	- 12,21x	- 12,21x
Technos	ON	TECN3	Outros	-	11,15x	27,42x	25,04x	9,57x	9,43x	16,54x	37,94x	26,14x	-	20,40x	20,79x
Tectoy	ON	TOYB3	Outros	- 17,70x	- 14,05x	- 13,66x	20,88x	- 4,45x	- 3,26x	- 1,49x	- 0,73x	- 32,51x	- 58,82x	- 12,58x	- 9,05x
Tectoy	PN	TOYB4	Outros	- 17,70x	- 14,05x	- 13,66x	20,88x	- 4,45x	- 3,26x	- 1,49x	- 0,73x	- 32,51x	- 58,82x	- 12,58x	- 9,05x
Terra Santa	ON	TESA3	Outros	- 135,38x	11,15x	12,93x	- 13,46x	- 51,15x	- 67,12x	- 12,80x	12,23x	6,22x	6,12x	- 23,13x	- 3,34x
Time For Fun	ON	SHOW3	Outros	-	6,07x	97,96x	35,77x	- 3,26x	0,47x	4,34x	4,27x	11,13x	48,64x	22,82x	6,07x
Trevisa	ON	LUXM3	Outros	-	3,83x	5,10x	3,79x	3,84x	-	-	-	3,90x	3,41x	3,98x	3,84x
Trevisa	PN	LUXM4	Outros	-	3,83x	5,10x	3,79x	3,84x	-	-	-	3,90x	3,41x	3,98x	3,84x
Unicasa	ON	UCAS3	Outros	-	-	-	16,53x	- 24,58x	4,30x	- 6,82x	- 33,70x	14,16x	9,85x	- 2,89x	4,30x
Valid	ON	VLID3	Outros	6,46x	6,83x	14,10x	11,13x	11,21x	11,59x	8,88x	8,76x	6,68x	6,15x	9,18x	8,82x
Celul Irani	ON	RANI3	Papel e Celulose	3,73x	3,88x	4,16x	6,29x	6,66x	7,34x	5,66x	10,00x	6,31x	5,83x	5,99x	6,06x
Celul Irani	PN	RANI4	Papel e Celulose	3,73x	3,88x	4,16x	6,29x	6,66x	7,34x	5,66x	10,00x	6,31x	5,83x	5,99x	6,06x
Klabin S/A	ON	KLBN3	Papel e Celulose	5,50x	7,07x	6,47x	7,69x	7,22x	15,41x	10,94x	8,39x	6,57x	6,42x	8,17x	7,15x
Klabin S/A	PN	KLBN4	Papel e Celulose	5,50x	7,07x	6,47x	7,69x	7,22x	15,41x	10,94x	8,39x	6,57x	6,42x	8,17x	7,15x
Klabin S/A	UNT N2	KLBN11	Papel e Celulose	5,50x	7,07x	6,47x	7,69x	7,22x	15,41x	10,94x	8,39x	6,57x	6,42x	8,17x	7,15x
Melhor SP	ON	MSPA3	Papel e Celulose	- 15,26x	-	9,79x	14,26x	-	-	-	131,60x	- 69,84x	- 21,60x	8,16x	- 2,74x
Melhor SP	PN	MSPA4	Papel e Celulose	- 15,26x	-	9,79x	14,26x	-	-	-	131,60x	- 69,84x	- 21,60x	8,16x	- 2,74x
Suzano S.A.	ON	SUZB3	Papel e Celulose	5,55x	6,24x	11,04x	10,30x	9,12x	7,26x	9,48x	6,41x	7,90x	17,94x	9,12x	8,51x
Suzano S.A.	ON	SUZB5+SUZB3	Papel e Celulose	5,55x	6,24x	11,04x	10,30x	9,12x	7,26x	9,48x	6,41x	7,90x	17,94x	9,12x	8,51x
Ceg	ON	CEGR3	Petróleo e Gas	-	-	-	7,49x	10,14x	-	-	-	-	-	8,81x	8,81x
Comgas	ON	CGAS3	Petróleo e Gas	4,98x	9,75x	9,32x	6,20x	5,60x	4,26x	3,70x	6,44x	5,09x	6,04x	6,14x	5,82x
Comgas	PNA	CGAS5	Petróleo e Gas	4,98x	9,75x	9,32x	6,20x	5,60x	4,26x	3,70x	6,44x	5,09x	6,04x	6,14x	5,82x
Cosan	ON	CSAN3	Petróleo e Gas	9,21x	2,66x	11,41x	10,38x	10,27x	7,93x	6,60x	7,00x	6,44x	7,45x	7,93x	7,69x
Dommo	ON	DMMO3	Petróleo e Gas	-	-	-	-	-	8,32x	- 7,62x	- 3,42x	- 5,20x	- 1,60x	- 5,23x	- 5,20x
Enauta Part	ON	ENAT3	Petróleo e Gas	-	36,89x	20,24x	7,65x	4,56x	- 10,03x	2,78x	2,98x	1,40x	-	8,31x	3,77x
Pet Manguint	ON	RPMG3	Petróleo e Gas	- 5,18x	37,90x	- 0,93x	- 0,75x	- 2,81x	- 1,04x	- 0,95x	- 2,13x	- 1,39x	- 0,98x	2,17x	- 1,01x
Petrobras	ON	PETR3	Petróleo e Gas	7,37x	6,41x	7,60x	6,97x	46,96x	19,56x	8,09x	6,26x	5,45x	6,71x	12,14x	7,17x

Nome	Classe	Código	Setor Economatica	EV/EBITDA emp 31Dez10 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez11 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez12 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez13 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez14 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez15 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez16 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez17 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez18 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 17Mai19 Em moeda orig de 12 meses consolid:sim*	Media	Mediana
Petrobras	PN	PETR4	Petróleo e Gas	7,37x	6,41x	7,60x	6,97x	46,96x	19,56x	8,09x	6,26x	5,45x	6,71x	12,14x	7,17x
Petrobras BR	ON	BRDT3	Petróleo e Gas	-	-	-	-	-	-	-	9,38x	11,58x	9,46x	10,14x	9,46x
Petrorio	ON	PRIO3	Petróleo e Gas	- 25,94x	- 3,75x	- 1,34x	0,03x	0,25x	- 2,02x	- 0,77x	3,30x	2,78x	12,14x	- 1,53x	- 0,37x
Ultrapar	ON	UGPA3	Petróleo e Gas	9,17x	9,86x	11,67x	11,51x	10,26x	9,68x	10,19x	11,91x	13,96x	10,94x	10,92x	10,60x
Bombril	ON	BOBR3	Química	8,92x	7,10x	8,06x	7,92x	2,44x	- 2,71x	6,43x	2,39x	21,54x	10,96x	7,31x	7,51x
Bombril	PN	BOBR4	Química	8,92x	7,10x	8,06x	7,92x	2,44x	- 2,71x	6,43x	2,39x	21,54x	10,96x	7,31x	7,51x
Braskem	ON	BRKM3	Química	5,19x	6,03x	6,61x	6,05x	4,80x	3,92x	4,61x	4,16x	4,71x	3,99x	5,01x	4,76x
Braskem	PNA	BRKM5	Química	5,19x	6,03x	6,61x	6,05x	4,80x	3,92x	4,61x	4,16x	4,71x	3,99x	5,01x	4,76x
Braskem	PNB	BRKM6	Química	5,19x	6,03x	6,61x	6,05x	4,80x	3,92x	4,61x	4,16x	4,71x	3,99x	5,01x	4,76x
Cristal	ON	CRPG3	Química	14,33x	4,01x	5,21x	8,01x	10,43x	3,24x	1,39x	4,62x	-	-	6,40x	4,92x
Cristal	PNA	CRPG5	Química	14,33x	4,01x	5,21x	8,01x	10,43x	3,24x	1,39x	4,62x	-	-	6,40x	4,92x
Cristal	PNB	CRPG6	Química	14,33x	4,01x	5,21x	8,01x	10,43x	3,24x	1,39x	4,62x	-	-	6,40x	4,92x
Elekeiroz	ON	ELEK3	Química	4,45x	13,00x	6,96x	4,14x	- 42,48x	-	- 1,26x	4,35x	4,74x	4,83x	- 0,14x	4,45x
Elekeiroz	PN	ELEK4	Química	4,45x	13,00x	6,96x	4,14x	- 42,48x	-	- 1,26x	4,35x	4,74x	4,83x	- 0,14x	4,45x
Fer Heringer	ON	FHER3	Química	4,98x	3,26x	5,13x	3,39x	3,84x	8,39x	4,40x	14,16x	- 8,14x	- 5,05x	3,44x	4,12x
Nutriplant	ON	NUTR3	Química	-	-	-	-	16,25x	-	- 4,72x	10,44x	3,74x	-	6,43x	7,09x
Ourofino S/A	ON	OFSA3	Química	-	-	-	-	24,47x	17,63x	57,04x	16,27x	16,52x	16,26x	24,70x	17,07x
Unipar	ON	UNIP3	Química	-	-	-	-	-	-	1,33x	3,17x	3,48x	3,88x	2,96x	3,32x
Unipar	PNA	UNIP5	Química	-	-	-	-	-	-	1,33x	3,17x	3,48x	3,88x	2,96x	3,32x
Unipar	PNB	UNIP6	Química	-	-	-	-	-	-	1,33x	3,17x	3,48x	3,88x	2,96x	3,32x
Aco Altona	ON	EALT3	Siderur & Metalur	-	-	-	-	-	-	-	-	5,68x	-	5,68x	5,68x
Aco Altona	PN	EALT4	Siderur & Metalur	-	-	-	-	-	-	-	-	5,68x	-	5,68x	5,68x
Ferbasa	ON	FESA3	Siderur & Metalur	5,02x	3,82x	6,70x	8,40x	3,94x	2,21x	6,49x	3,47x	3,76x	3,89x	4,77x	3,92x
Ferbasa	PN	FESA4	Siderur & Metalur	5,02x	3,82x	6,70x	8,40x	3,94x	2,21x	6,49x	3,47x	3,76x	3,89x	4,77x	3,92x
Forja Taurus	ON	FJTA3	Siderur & Metalur	5,45x	3,78x	7,64x	14,59x	- 9,89x	- 20,23x	- 11,49x	- 6,47x	13,48x	12,78x	0,96x	4,61x
Forja Taurus	PN	FJTA4	Siderur & Metalur	5,45x	3,78x	7,64x	14,59x	- 9,89x	- 20,23x	- 11,49x	- 6,47x	13,48x	12,78x	0,96x	4,61x
Gerdau	ON	GGBR3	Siderur & Metalur	8,00x	7,32x	10,24x	9,11x	5,89x	- 44,44x	35,06x	10,46x	5,97x	5,76x	5,34x	7,66x
Gerdau	PN	GGBR4	Siderur & Metalur	8,00x	7,32x	10,24x	9,11x	5,89x	- 44,44x	35,06x	10,46x	5,97x	5,76x	5,34x	7,66x
Gerdau Met	ON	GOAU3	Siderur & Metalur	6,31x	7,08x	9,39x	8,79x	7,73x	- 56,03x	38,65x	10,71x	5,95x	5,97x	4,46x	7,41x
Gerdau Met	PN	GOAU4	Siderur & Metalur	6,31x	7,08x	9,39x	8,79x	7,73x	- 56,03x	38,65x	10,71x	5,95x	5,97x	4,46x	7,41x
Hercules	ON	HETA3	Siderur & Metalur	2,62x	- 41,78x	0,62x	111,08x	- 145,87x	- 67,79x	59,56x	- 47,29x	31,92x	54,22x	- 4,27x	1,62x
Hercules	PN	HETA4	Siderur & Metalur	2,62x	- 41,78x	0,62x	111,08x	- 145,87x	- 67,79x	59,56x	- 47,29x	31,92x	54,22x	- 4,27x	1,62x
Kepler Weber	ON	KEPL3	Siderur & Metalur	9,13x	6,38x	6,18x	11,14x	8,17x	15,61x	- 20,11x	- 39,15x	8,45x	7,83x	1,36x	8,00x

Nome	Classe	Código	Setor Economatica	EV/EBITDA emp 31Dez10 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez11 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez12 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez13 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez14 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez15 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez16 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez17 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez18 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 17Mai19 Em moeda orig de 12 meses consolid:sim*	Media	Mediana
Lupatech	ON	LUPA3	Siderur & Metalur	29,84x	41,16x	- 3,77x	- 12,03x	- 3,46x	- 0,83x	- 4,59x	- 5,37x	- 5,81x	- 6,17x	2,90x	4,18x
Mangels Indl	ON	MGEL3	Siderur & Metalur	6,48x	12,76x	5,27x	- 101,74x	80,19x	35,46x	21,65x	20,49x	11,50x	11,55x	10,36x	12,15x
Mangels Indl	PN	MGEL4	Siderur & Metalur	6,48x	12,76x	5,27x	- 101,74x	80,19x	35,46x	21,65x	20,49x	11,50x	11,55x	10,36x	12,15x
Metal Iguacu	ON	MTIG3	Siderur & Metalur	-	-	-	-	-	10,35x	21,60x	1,14x	4,23x	3,99x	4,12x	3,99x
Metal Iguacu	PN	MTIG4	Siderur & Metalur	-	-	-	-	-	10,35x	21,60x	1,14x	4,23x	3,99x	4,12x	3,99x
Metisa	ON	MTSA3	Siderur & Metalur	6,91x	9,17x	5,49x	4,27x	4,02x	5,23x	5,79x	6,90x	3,85x	3,82x	5,54x	5,36x
Metisa	PN	MTSA4	Siderur & Metalur	6,91x	9,17x	5,49x	4,27x	4,02x	5,23x	5,79x	6,90x	3,85x	3,82x	5,54x	5,36x
Mundial	ON	MNDL3	Siderur & Metalur	9,27x	10,90x	5,28x	3,33x	7,43x	5,53x	2,37x	4,77x	3,68x	3,71x	5,63x	5,03x
Panatlantica	ON	PATI3	Siderur & Metalur	8,51x	7,83x	6,25x	3,56x	9,68x	7,35x	-	5,35x	4,39x	-	6,61x	6,80x
Panatlantica	PN	PATI4	Siderur & Metalur	8,51x	7,83x	6,25x	3,56x	9,68x	7,35x	-	5,35x	4,39x	-	6,61x	6,80x
Parapananem	ON	PMAM3	Siderur & Metalur	16,85x	21,46x	- 13,52x	9,01x	4,63x	7,61x	19,37x	- 12,29x	34,73x	19,01x	10,69x	12,93x
Sid Nacional	ON	CSNA3	Siderur & Metalur	8,43x	5,18x	17,83x	9,05x	6,96x	5,06x	12,46x	8,56x	4,77x	7,01x	8,53x	7,72x
Tekno	ON	TKNO3	Siderur & Metalur	2,64x	3,60x	6,36x	7,69x	8,22x	-	3,39x	- 6,55x	25,12x	-	5,46x	4,98x
Tekno	PN	TKNO4	Siderur & Metalur	2,64x	3,60x	6,36x	7,69x	8,22x	-	3,39x	- 6,55x	25,12x	-	5,46x	4,98x
Usiminas	ON	USIM3	Siderur & Metalur	8,38x	12,16x	21,45x	10,50x	7,96x	- 4,40x	14,35x	8,82x	8,51x	8,07x	9,58x	8,66x
Usiminas	PNA	USIM5	Siderur & Metalur	8,38x	12,16x	21,45x	10,50x	7,96x	- 4,40x	14,35x	8,82x	8,51x	8,07x	9,58x	8,66x
Usiminas	PNB	USIM6	Siderur & Metalur	8,38x	12,16x	21,45x	10,50x	7,96x	- 4,40x	14,35x	8,82x	8,51x	8,07x	9,58x	8,66x
Cielo	ON	CIEL3	Software e Dados	7,04x	10,94x	12,65x	15,00x	17,88x	15,08x	13,50x	13,40x	7,07x	5,87x	11,84x	13,02x
Linx	ON	LINX3	Software e Dados	-	-	-	22,29x	20,88x	16,11x	18,94x	21,35x	29,40x	26,97x	22,28x	21,35x
Sinqia	ON	SQIA3	Software e Dados	-	-	-	15,54x	5,21x	7,89x	11,39x	15,95x	18,33x	33,40x	15,39x	15,54x
Totvs	ON	TOTS3	Software e Dados	19,02x	17,24x	16,81x	14,68x	12,69x	16,24x	12,69x	17,55x	17,16x	23,56x	16,76x	16,98x
Capitalpart	ON	CPTP3B	Telecomunicações	- 4,63x	-	-	-	-	-	-	-	-	-	- 4,63x	- 4,63x
Oi	ON	OIBR3	Telecomunicações	2,30x	2,91x	5,08x	4,06x	4,13x	5,89x	6,73x	18,32x	19,66x	10,31x	7,94x	5,48x
Oi	PN	OIBR4	Telecomunicações	2,30x	2,91x	5,08x	4,06x	4,13x	5,89x	6,73x	18,32x	19,66x	10,31x	7,94x	5,48x
Telebras	ON	TELB3	Telecomunicações	-	-	-	-	0,80x	- 2,37x	- 1,90x	- 3,01x	-	-	- 2,02x	- 2,14x
Telebras	PN	TELB4	Telecomunicações	-	-	-	-	0,80x	- 2,37x	- 1,90x	- 3,01x	-	-	- 2,02x	- 2,14x
Telef Brasil	ON	VIVT3	Telecomunicações	3,82x	5,72x	4,23x	4,75x	5,05x	5,30x	5,25x	5,68x	4,38x	4,56x	4,87x	4,90x
Telef Brasil	PN	VIVT4	Telecomunicações	3,82x	5,72x	4,23x	4,75x	5,05x	5,30x	5,25x	5,68x	4,38x	4,56x	4,87x	4,90x
Tim Part S/A	ON	TIMP3	Telecomunicações	3,71x	4,90x	3,95x	5,62x	5,42x	2,70x	3,85x	5,49x	4,47x	3,96x	4,41x	4,21x
Alpargatas	ON	ALPA3	Textil	8,98x	10,58x	15,32x	14,24x	8,29x	8,84x	7,89x	16,63x	13,96x	17,66x	12,24x	12,27x
Alpargatas	PN	ALPA4	Textil	8,98x	10,58x	15,32x	14,24x	8,29x	8,84x	7,89x	16,63x	13,96x	17,66x	12,24x	12,27x
Arezzo Co	ON	ARZZ3	Textil	-	16,22x	24,93x	15,99x	14,20x	10,64x	11,80x	23,04x	20,87x	16,55x	17,14x	16,22x
Cambuci	ON	CAMB3	Textil	8,71x	7,92x	15,35x	5,88x	3,56x	3,95x	8,64x	4,78x	4,46x	5,14x	6,84x	5,51x

Nome	Classe	Código	Setor Economática	EV/EBITDA emp 31Dez10 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez11 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez12 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez13 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez14 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez15 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez16 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez17 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez18 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 17Mai19 Em moeda orig de 12 meses consolid:sim*	Media	Mediana
Cambuci	PN	CAMB4	Textil	8,71x	7,92x	15,35x	5,88x	3,56x	3,95x	8,64x	4,78x	4,46x	5,14x	6,84x	5,51x
Cedro	ON	CEDO3	Textil	8,20x	6,29x	7,46x	7,32x	13,20x	-	4,52x	3,32x	4,07x	4,77x	5,57x	6,29x
Cedro	PN	CEDO4	Textil	8,20x	6,29x	7,46x	7,32x	13,20x	-	4,52x	3,32x	4,07x	4,77x	5,57x	6,29x
Cia Hering	ON	HGTX3	Textil	15,67x	13,03x	16,51x	10,95x	7,99x	8,90x	10,87x	15,42x	16,95x	15,51x	13,18x	14,23x
Coteminas	ON	CTNM3	Textil	9,40x	8,84x	6,94x	8,53x	11,06x	13,00x	12,85x	5,67x	4,26x	4,40x	8,49x	8,68x
Coteminas	PN	CTNM4	Textil	9,40x	8,84x	6,94x	8,53x	11,06x	13,00x	12,85x	5,67x	4,26x	4,40x	8,49x	8,68x
Dohler	ON	DOHL3	Textil	23,66x	4,12x	4,45x	4,28x	4,39x	6,73x	12,32x	6,67x	9,95x	11,74x	8,83x	6,70x
Dohler	PN	DOHL4	Textil	23,66x	4,12x	4,45x	4,28x	4,39x	6,73x	12,32x	6,67x	9,95x	11,74x	8,83x	6,70x
Encorpar	ON	ECPR3	Textil	3,58x	1,52x	- 8,34x	-	-	-	1,25x	1,61x	-	-	0,58x	1,52x
Encorpar	PN	ECPR4	Textil	3,58x	1,52x	- 8,34x	-	-	-	1,25x	1,61x	-	-	0,58x	1,52x
Grendene	ON	GRND3	Textil	8,24x	6,97x	11,71x	11,75x	9,42x	10,25x	8,97x	13,51x	11,42x	10,42x	10,27x	10,33x
Guararapes	ON	GUAR3	Textil	8,93x	8,55x	11,28x	8,60x	6,21x	5,12x	6,25x	8,02x	6,50x	5,23x	7,47x	7,26x
Karsten	ON	CTKA3	Textil	7,12x	- 8,97x	5,72x	15,25x	- 7,44x	12,81x	58,07x	7,77x	9,17x	8,78x	10,83x	8,28x
Karsten	PN	CTKA4	Textil	7,12x	- 8,97x	5,72x	15,25x	- 7,44x	12,81x	58,07x	7,77x	9,17x	8,78x	10,83x	8,28x
Le Lis Blanc	ON	LLIS3	Textil	-	-	-	-	17,96x	5,46x	7,39x	8,73x	6,41x	7,70x	8,94x	7,55x
Pettenati	ON	PTNT3	Textil	-	16,63x	13,32x	6,25x	7,92x	4,30x	3,24x	3,46x	5,31x	3,73x	7,13x	5,31x
Pettenati	PN	PTNT4	Textil	-	16,63x	13,32x	6,25x	7,92x	4,30x	3,24x	3,46x	5,31x	3,73x	7,13x	5,31x
Santanense	ON	CTSA3	Textil	3,30x	4,27x	3,50x	5,32x	9,83x	- 39,83x	12,27x	6,71x	3,56x	3,67x	1,26x	3,97x
Santanense	PN	CTSA4	Textil	3,30x	4,27x	3,50x	5,32x	9,83x	- 39,83x	12,27x	6,71x	3,56x	3,67x	1,26x	3,97x
Santanense	PND	CTSA8	Textil	3,30x	4,27x	3,50x	5,32x	9,83x	- 39,83x	12,27x	6,71x	3,56x	3,67x	1,26x	3,97x
Springs	ON	SGPS3	Textil	8,67x	7,41x	5,75x	6,64x	4,56x	4,12x	4,61x	5,60x	3,75x	-	5,68x	5,60x
Teka	ON	TEKA3	Textil	17,70x	- 11,48x	0,93x	- 6,85x	- 13,13x	36,96x	24,71x	- 34,90x	- 34,50x	- 24,79x	- 4,54x	- 9,16x
Teka	PN	TEKA4	Textil	17,70x	- 11,48x	0,93x	- 6,85x	- 13,13x	36,96x	24,71x	- 34,90x	- 34,50x	- 24,79x	- 4,54x	- 9,16x
Vulcabras	ON	VULC3	Textil	9,30x	- 12,02x	220,31x	17,17x	7,90x	9,07x	5,15x	7,52x	7,97x	6,25x	27,86x	7,93x
Azul S.A.	PN	AZUL4	Transporte Serviç	-	-	-	-	-	-	-	9,15x	16,70x	10,50x	12,12x	10,50x
CCR SA	ON	CCRO3	Transporte Serviç	13,00x	10,24x	13,72x	11,68x	10,20x	9,61x	7,94x	8,91x	9,65x	9,50x	10,44x	9,92x
Cosan Log	ON	RLOG3	Transporte Serviç	-	-	-	-	6,89x	7,03x	7,03x	7,12x	6,94x	6,38x	6,90x	6,98x
Cvc Brasil	ON	CVCB3	Transporte Serviç	-	-	-	6,69x	5,66x	4,94x	6,95x	13,28x	15,12x	11,74x	9,20x	6,95x
Ecorodovias	ON	ECOR3	Transporte Serviç	7,25x	9,24x	10,07x	9,07x	6,71x	5,60x	8,02x	6,92x	6,19x	6,18x	7,52x	7,08x
Gol	PN	GOLL4	Transporte Serviç	8,72x	40,11x	- 19,16x	7,47x	8,71x	37,20x	6,36x	7,10x	7,25x	5,50x	10,93x	7,36x
JSL	ON	JSLG3	Transporte Serviç	9,99x	8,79x	8,82x	8,75x	7,30x	5,63x	6,77x	6,51x	5,66x	6,34x	7,46x	7,04x
Log-In	ON	LOGN3	Transporte Serviç	17,61x	- 47,78x	15,64x	12,55x	9,18x	14,44x	5,06x	- 2,90x	7,67x	7,64x	3,91x	8,42x
Mrs Logist	ON	MRSA3B	Transporte Serviç	-	-	-	-	-	-	2,79x	-	-	-	2,79x	2,79x

Nome	Classe	Código	Setor Economática	EV/EBITDA emp 31Dez10 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez11 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez12 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez13 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez14 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez15 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez16 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez17 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 31Dez18 Em moeda orig de 12 meses consolid:sim*	EV/EBITDA emp 17Mai19 Em moeda orig de 12 meses consolid:sim*	Media	Mediana
Mrs Logist	PNA	MRSA5B	Transporte Serviç	-	-	-	-	-	-	2,79x	-	-	-	2,79x	2,79x
Mrs Logist	PNB	MRSA6B	Transporte Serviç	-	-	-	-	-	-	2,79x	-	-	-	2,79x	2,79x
Rumo S.A.	ON	RAIL3	Transporte Serviç	9,36x	6,20x	5,73x	5,05x	- 76,82x	-	-	10,87x	11,48x	10,68x	- 2,18x	7,78x
Santos Brp	ON	STBP3	Transporte Serviç	10,88x	8,03x	7,57x	5,15x	6,79x	12,12x	18,55x	13,38x	14,66x	12,74x	10,99x	11,50x
Tegma	ON	TGMA3	Transporte Serviç	9,05x	9,45x	13,84x	10,80x	8,41x	6,38x	6,98x	10,09x	10,34x	8,98x	9,43x	9,25x
Triunfo Part	ON	TPIS3	Transporte Serviç	7,44x	7,83x	3,58x	7,03x	- 106,48x	3,47x	4,89x	3,02x	11,12x	19,00x	- 3,91x	5,96x
Wilson Sons	ON	WSON33	Transporte Serviç	10,84x	8,08x	10,21x	6,43x	7,72x	5,68x	5,80x	6,52x	6,62x	7,67x	7,56x	7,14x
Bic Monark	ON	BMKS3	Veiculos e peças	- 0,21x	- 7,59x	- 14,95x	- 24,24x	- 44,81x	11,23x	9,61x	0,69x	10,68x	-	- 6,62x	- 0,21x
Embraer	ON	EMBR3	Veiculos e peças	7,07x	8,54x	5,69x	5,82x	9,32x	11,74x	7,82x	8,21x	17,06x	14,70x	9,60x	8,38x
Fras-Le	ON	FRAS3	Veiculos e peças	5,83x	5,95x	8,78x	7,35x	6,20x	5,14x	5,29x	8,39x	6,24x	9,16x	6,83x	6,22x
lochp-Maxion	ON	MYPK3	Veiculos e peças	8,63x	7,07x	11,44x	7,22x	5,40x	5,52x	4,98x	7,21x	5,83x	5,39x	6,87x	6,45x
Marcopolo	ON	POMO3	Veiculos e peças	9,04x	7,85x	14,58x	12,80x	13,82x	13,12x	9,08x	35,40x	12,39x	10,63x	13,87x	12,60x
Marcopolo	PN	POMO4	Veiculos e peças	9,04x	7,85x	14,58x	12,80x	13,82x	13,12x	9,08x	35,40x	12,39x	10,63x	13,87x	12,60x
Metal Leve	ON	LEVE3	Veiculos e peças	9,40x	5,85x	9,31x	8,87x	7,80x	9,41x	24,70x	7,56x	7,31x	6,33x	9,65x	8,33x
OSX Brasil	ON	OSXB3	Veiculos e peças	- 23,49x	- 30,56x	367,25x	- 2,30x	- 1,46x	13,98x	- 3,37x	- 46,71x	- 61,32x	-	23,56x	- 3,37x
Plascar Part	ON	PLAS3	Veiculos e peças	11,71x	6,05x	14,32x	107,07x	5,36x	- 46,14x	- 4,97x	554,09x	- 6,43x	- 2,68x	63,84x	5,70x
Randon Part	ON	RAPT3	Veiculos e peças	6,10x	5,22x	14,53x	7,33x	5,46x	14,55x	15,14x	10,59x	8,06x	7,82x	9,48x	7,94x
Randon Part	PN	RAPT4	Veiculos e peças	6,10x	5,22x	14,53x	7,33x	5,46x	14,55x	15,14x	10,59x	8,06x	7,82x	9,48x	7,94x
Recrusul	ON	RCSL3	Veiculos e peças	15,16x	- 1,68x	- 3,10x	- 9,55x	- 0,99x	- 4,70x	- 9,84x	- 1,10x	- 1,32x	- 30,82x	- 4,79x	- 2,39x
Recrusul	PN	RCSL4	Veiculos e peças	15,16x	- 1,68x	- 3,10x	- 9,55x	- 0,99x	- 4,70x	- 9,84x	- 1,10x	- 1,32x	- 30,82x	- 4,79x	- 2,39x
Schulz	ON	SHUL3	Veiculos e peças	7,58x	8,19x	7,01x	5,91x	4,51x	5,67x	4,90x	6,02x	6,87x	6,77x	6,34x	6,40x
Schulz	PN	SHUL4	Veiculos e peças	7,58x	8,19x	7,01x	5,91x	4,51x	5,67x	4,90x	6,02x	6,87x	6,77x	6,34x	6,40x
Tupy	ON	TUPY3	Veiculos e peças	6,31x	5,83x	11,84x	7,98x	6,70x	6,13x	7,13x	7,57x	5,54x	5,53x	7,06x	6,50x
Wetzel S/A	ON	MWET3	Veiculos e peças	7,84x	6,33x	5,33x	3,88x	- 2,91x	- 1,88x	10,93x	- 6,43x	- 6,09x	- 6,04x	1,10x	1,00x
Wetzel S/A	PN	MWET4	Veiculos e peças	7,84x	6,33x	5,33x	3,88x	- 2,91x	- 1,88x	10,93x	- 6,43x	- 6,09x	- 6,04x	1,10x	1,00x