

TECHNICAL INDICATORS - BRAZIL AND GLOBAL MARKETS

Indexes	Price		Recommendation			SMA10d	SMA20d	SMA30d	SMA50d	SMA100d	SMA200d	MACD	Signal	Diff.	TAS (K=5)	TAS (D=3)	RSI (9)
	9-Aug-21	Short Term	Long Term	BUY	SELL												
Bovespa	123,019.40	SELL	BUY	BUY	123,671.40	125,061.80	125,593.30	126,878.40	122,987.40	117,700.90	-1182.09	-844.45	-337.63	74.79	48.50	42.59	
IPC (Mexico)	50,900.46	BUY	BUY	BUY	51,160.29	50,471.18	50,366.52	50,490.39	49,491.70	46,509.16	316.11	239.91	76.20	22.50	37.05	56.25	
Dow Jones	35,101.35	SELL	BUY	BUY	35,017.38	34,891.19	34,776.89	34,583.34	34,164.41	32,227.62	149.48	145.62	3.87	72.78	79.61	59.04	
S&P 500	4,432.35	SELL	BUY	BUY	4,411.74	4,382.61	4,362.57	4,307.37	4,206.15	3,961.84	34.02	33.82	0.20	87.51	93.34	63.27	
Nasdaq Comp	14,860.18	SELL	BUY	BUY	14,766.86	14,681.11	14,642.25	14,379.94	13,987.18	13,361.02	120.08	124.57	-4.49	88.38	89.51	60.19	
Eurostoxx 50	4,177.15	SELL	BUY	BUY	4,126.62	4,086.73	4,081.38	4,091.95	4,031.77	3,795.51	25.48	13.10	12.38	89.39	91.01	67.04	
Shanghai Comp	3,494.64	SELL	BUY	BUY	3,436.08	3,489.54	3,509.28	3,536.45	3,499.89	3,471.70	-22.08	-25.50	3.42	87.82	82.57	53.74	
Nikkei	27,820.04	SELL	BUY	BUY	27,700.63	27,891.58	28,184.13	28,484.79	28,807.58	27,927.46	-242.77	-267.04	24.27			48.98	
Currencies / Criptos / Bonds																	
Dollar Index	92.95	SELL	BUY	BUY	92.92	92.93	92.47	91.85	91.55	91.33	0.14	0.15	-0.02	96.25	91.15	65.29	
Brazilian Real	5.23	SELL	BUY	BUY	5.18	5.18	5.15	5.11	5.29	5.35	0.03	0.02	0.01	65.78	75.57	58.33	
Euro	1.1737	BUY	BUY	BUY	1.18	1.18	1.18	1.19	1.20	1.20	0.00	0.00	0.00	1.21	4.70	28.60	
Japanese Yen	110.31	BUY	BUY	BUY	109.70	109.91	110.16	110.13	109.65	107.29	-0.09	-0.13	0.00	96.32	94.93	57.38	
Bitcoin	45,904.88	SELL	BUY	BUY	41,641.90	38,880.12	36,575.37	35,422.45	38,931.38	44,936.52	2554.43	1940.04	614.39	88.87	87.43	78.92	
US 10-Year Bond Rate	1.32	SELL	BUY	BUY	1.23	1.26	1.31	1.39	1.51	1.31	-0.04	-0.05	0.01	97.49	88.38	60.36	
Commodities (US\$)																	
WTI Oil	66.94	BUY	BUY	BUY	70.54	70.77	71.50	70.90	66.45	58.43	-0.86	-0.22	-0.64	19.53	17.48	31.23	
Brent Oil	69.04	BUY	BUY	BUY	72.83	72.96	73.70	73.52	69.92	62.25	-0.74	-0.20	-0.54	24.20	21.42	31.73	
Gold Spot	1,730.25	BUY	BUY	BUY	1,798.16	1,804.59	1,799.91	1,815.50	1,804.23	1,817.56	-9.46	-3.19	-6.26	27.86	17.68	18.02	
Silver Spot	23.47	BUY	BUY	BUY	24.99	25.27	25.56	26.14	26.23	25.93	-0.44	-0.34	-0.10	24.38	13.07	20.57	
Copper (LME)	9,468.00	BUY	BUY	BUY	9,647.30	9,520.65	9,477.63	9,578.49	9,556.68	8,715.83	11.01	17.20	-6.19	n.a.	n.a.	44.20	
Brazilian Shares (R\$)																	
Industrials																	
Vale (VALE3)	109.01	BUY	BUY	BUY	112.53	113.43	113.23	112.58	109.17	96.47	-0.61	0.02	-0.63	23.88	26.19	41.21	
Petrobras (PETR3)	28.84	SELL	BUY	BUY	27.99	27.86	28.36	28.49	26.14	25.85	-0.02	-0.14	0.12	69.36	76.11	60.34	
Petrobras (PETR4)	28.19	SELL	BUY	BUY	27.33	27.19	27.70	27.95	26.08	25.67	-0.08	-0.20	0.13	75.24	79.00	61.11	
Ultrapar (UGPA3)	17.75	SELL	BUY	BUY	17.72	18.35	18.49	19.14	19.79	20.54	-0.55	-0.43	-0.12	87.50	36.41	24.17	
Gerdau (GGBR4)	30.96	SELL	BUY	BUY	31.14	30.63	30.36	30.85	31.53	27.88	0.18	0.05	0.13	32.93	36.53	56.24	
Braskem (BRKM5)	57.10	BUY	BUY	BUY	58.04	59.47	59.19	57.79	52.45	38.99	-0.31	0.31	-0.62	45.94	31.32	40.16	
Weg (WEGE3)	36.16	BUY	BUY	BUY	35.93	35.37	35.10	34.79	35.12	37.58	0.44	0.36	0.08	61.29	46.48	56.84	
Cia Siderurgica Nacional (CSNA3)	43.33	BUY	BUY	BUY	45.70	45.67	45.25	44.81	44.49	36.74	-0.10	0.22	-0.32	32.07	16.17	39.09	
Usiminas (USIM5)	21.52	SELL	BUY	BUY	20.76	20.27	19.95	19.51	19.79	16.82	0.45	0.33	0.12	87.04	81.29	67.74	
Metalurgica Gerdau (GOAU4)	14.30	BUY	BUY	BUY	14.40	14.22	14.11	14.21	14.29	12.63	0.07	0.05	0.03	39.71	36.76	52.02	
Pulp & Paper																	
Suzano Papel e Celulose (SUZB3)	56.37	SELL	BUY	BUY	55.17	56.33	57.50	58.11	63.83	61.83	-1.29	-1.22	-0.07	84.95	43.65	31.03	
Klabin (KLBN4)	4.75	BUY	BUY	BUY	4.79	4.89	4.95	4.98	5.29	5.28	-0.09	-0.08	-0.02	61.90	43.66	33.28	
Holdings																	
Bradespar (BRAP4)	71.63	BUY	BUY	BUY	75.96	76.66	76.00	73.50	71.57	66.15	-0.02	0.76	-0.77	12.73	6.99	36.73	
Electricity																	
Engie Brasil Energia	38.08	SELL	BUY	BUY	38.10	38.82	39.02	39.74	40.39	41.66	-0.63	-0.50	-0.13	76.15	39.43	35.39	
Cemig (CMIG4)	11.77	BUY	BUY	BUY	11.96	12.02	12.05	12.63	12.25	11.94	-0.18	-0.17	-0.01	40.82	24.52	38.30	
EDP (ENBR3)	17.45	SELL	BUY	BUY	17.37	17.59	17.64	18.11	18.55	18.74	-0.25	-0.22	-0.03	87.50	48.86	35.48	
Centrais Elétricas Brasileiras (ELET3)	40.47	BUY	BUY	BUY	41.22	42.36	42.71	43.72	40.07	36.43	-0.85	-0.63	-0.22	51.38	49.35	44.74	
Centrais Elétricas Brasileiras (ELET6)	40.44	BUY	BUY	BUY	41.13	42.10	42.49	43.50	40.16	36.70	-0.79	-0.60	-0.20	54.68	49.90	41.43	
Food & Bev																	
Ambev (ABEV3)	17.16	SELL	BUY	BUY	16.94	17.14	17.23	17.86	16.87	15.88	-0.23	-0.24	0.00	74.36	52.80	50.84	
BRF (BRFS3)	24.72	BUY	BUY	BUY	25.42	25.75	26.20	27.04	25.22	23.23	-0.50	-0.39	-0.14	37.68	20.79	25.21	
JBS (JBSS3)	32.95	BUY	BUY	BUY	32.17	30.92	30.27	29.89	30.35	27.03	0.86	0.70	0.16	61.42	46.44	68.72	
Marrig Global Foods (MRFG3)	19.30	SELL	BUY	BUY	19.62	19.39	19.31	19.52	18.75	16.60	0.05	0.18	-0.13	76.07	34.88	34.93	
Financial																	
Itaú (ITUB4)	31.20	SELL	BUY	BUY	30.31	29.84	29.85	30.71	29.29	28.84	0.07	-0.07	0.13	86.71	55.42	60.87	
Itaúsa Investimentos (ITSA3)	11.82	SELL	BUY	BUY	11.58	11.56	11.53	11.76	11.47	11.48	-0.02	-0.04	0.02	84.00	55.91	56.49	
Itaúsa Investimentos (ITSA4)	11.56	SELL	BUY	BUY	11.36	11.28	11.26	11.42	11.88	11.78	0.03	0.00	0.03	77.55	60.15	57.76	
Banco do Brasil (BBSA3)	31.50	BUY	BUY	BUY	31.96	32.06	32.07	33.20	31.78	32.92	-0.33	-0.29	-0.04	39.31	30.02	47.69	
Banco Bradesco (BBDC3)	20.26	BUY	BUY	BUY	20.70	20.90	21.14	22.12	21.60	20.85	-0.43	-0.40	-0.03	40.00	27.84	39.00	
Banco Bradesco (BBDC4)	23.70	BUY	BUY	BUY	24.16	24.38	24.75	25.90	25.01	23.77	-0.52	-0.49	-0.03	38.92	26.02	39.87	
Santander Brasil (SANB11)	40.71	SELL	BUY	BUY	40.73	40.61	40.66	41.97	40.57	40.16	-0.28	-0.31	0.03	75.13	47.35	52.49	
Banco BTG (BRSR6)	31.30	SELL	BUY	BUY	30.41	30.97	30.86	30.90	28.32	25.38	-0.22	0.00	-0.22	86.22	74.12	43.90	
Banrisul (BRSR6)	12.37	BUY	BUY	BUY	12.29	12.46	12.67	13.21	12.79	13.01	0.26	0.00	0.26	67.24	31.33	37.73	
Banco Inter (BID14)	24.13	SELL	BUY	BUY	24.45	25.82	25.61	24.31	22.46	17.05	-0.36	0.12	-0.48	80.37	46.43	35.84	
Banco Pan (BPAN4)	20.98	SELL	BUY	BUY	21.21	22.07	22.49	23.04	19.29	14.76	-0.71	-0.46	-0.25	77.88	54.05	38.41	
Cielo (CIEL3)	3.38	BUY	BUY	BUY	3.41	3.46	3.51	3.73	3.70	3.72	-0.08	-0.09	0.01	13.38	17.95	39.66	
Brasil Bolsa Balcão (B3SA3)	15.77	SELL	BUY	BUY	15.86	16.25	16.32	16.57	17.16	18.08	-0.25	-0.23	-0.02	37.04	44.93	45.08	
BB Seguridade Part (BBSE3)	21.69	SELL	BUY	BUY	21.48	21.97	22.39	23.25	23.38	25.47	-0.56	-0.56	0.00	78.49	56.28	36.04	
Qualicorp Consultoria e Corretora Seg (QUAL3)	24.58	BUY	BUY	BUY	25.67	26.22	26.86	27.52	28.16	30.71	-0.68	-0.57	-0.11	10.65	5.59	25.06	
Retail																	
Lojas Renner (LREN3)	41.11	BUY	BUY	BUY	41.75	43.04	43.39	44.87	43.75	43.04	-0.94	-0.82	-0.12	37.16	31.56	29.26	
Raja Drogasil (RADL3)	26.70	SELL	BUY	BUY	25.83	26.19	25.80	26.32	26.00	25.54	-0.10	-0.06	-0.04	90.85	82.84	51.11	
Cia Brasileira de Distr. (PCAR3)	30.40	BUY	BUY	BUY	31.69	33.76	35.27	36.98	35.98	25.87	-2.00	-1.63	-0.37	51.03	29.02	20.48	
Lojas Americanas (LAME4)	6.60	BUY	BUY	BUY	7.16	7.74	8.11	8.46	8.67	9.43	-0.50	-0.41	-0.09	4.41	3.75	21.31	
Magazine Luiza (MGLU3)	20.49	BUY	BUY	BUY	20.95	22.02	21.83	21.36	20.98	22.90	-0.34	-0.05	-0.28	66.38	58.29	39.45	
Telecoms																	
Telefonica Brasil (VIVV4)	42.16	SELL	BUY	BUY	41.36	41.39	41.67	43.08	43.64	44.28	-0.33	-0.51	0.18	79.41	56.51	55.76	
TIM Part (TIMS3)	11.43	BUY	BUY	BUY	11.44	11.62	11.59	11.96	12.18	12.85	-0.15	-0.14	-0.01	67.50	42.37	45.71	
Aircrafts / Airlines																	
Embraer (EMBR3)	18.98	SELL	BUY	BUY	18.94	18.72	18.										