

Freight -FFA							29-Apr-22					
Dry FFA Spot \$/Day	12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest/day	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range \$/Day	Trading Exchange	
Cape5TC	31,273	5,826	86,953	15,028	470.0	270,507	162,147	8,460	116.1%	830.5	EEX, SGX	
Panamax4TC	27,170	14,549	37,616	19,358	525.9	348,437	213,439	9,467	41.1%	604.8	EEX, SGX	
Supramax10TC	29,584	17,273	39,860	9,242	273.4	166,354	90,261	4,921	23.6%	277.5	EEX, SGX	
Options	/	/	/	6,916	640.4	124,485	184,355	11,526	/	/	EEX, SGX	
Wet FFA Spot \$/mt	12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume/mt	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest/mt	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range \$/mt	Trading Exchange	
TD3C	6.95	5.61	10.72	5,767,111	40.1	103,808,000	78,202,000	721.5	59.4%	0.136	ICE, CME	
TD20	9.68	6.69	26.45	1,860,278	18.0	33,485,000	15,630,000	324.3	153.1%	1.204	ICE, CME	
TC2_37	17.33	12.07	37.63	1,174,444	20.3	21,140,000	6,466,000	366.3	93.8%	1.453	ICE, CME	
TC5	24.73	16.02	61.23	1,311,111	32.4	23,600,000	9,012,000	583.6	73.7%	2.625	ICE, CME	
TC6	11.36	7.12	28.12	525,667	6.0	9,462,000	3,417,000	107.4	135.2%	1.151	ICE, CME	
TC14	20.34	9.88	79.67	664,111	13.5	11,954,000	4,546,000	243.1	203.2%	4.105	ICE, CME	
Iron Ore							29-Apr-22					
Iron Ore Spot \$/mt	12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range	Trading Exchange	
Iron Ore 62% Fe	150.86	87.20	233.10	39,335,556	5,934.3	708,040,000	71,235,400	106,817	23.8%	0.954	CME, SGX	
Iron Ore 65% Fe	176.96	102.00	267.80	1,051,583	186.1	18,928,500	2,869,900	3,350	15.3%	1.010	CME, SGX	
Options IO 62% Fe	/	/	/	9,588,378	1,446.5	172,590,800	69,639,500	26,038	/	/	CME, SGX	
Energy							29-Apr-22					0
Coking Coal Spot \$/mt	12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range	Trading Exchange	
Coking Coal Australia	344.11	108.50	670.50	128,067	44.1	2,305,200	2,083,800	793	79.5%	7.391	CME, SGX	
Fuel Oil Spot \$/mt	12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range	Trading Exchange	
Singapore 380cst Fuel Oil	470.49	345.37	715.96	8,616,278	4,053.9	155,093,000	15,385,000	72,970	27.0%	5.517	ICE, CME, SGX	
3.5% FOB Rotterdam Barges	448.08	345.75	694.00	6,529,667	2,925.8	117,534,000	13,921,000	52,664	57.5%	15.707	ICE, CME	
Marine Fuel 0.5% Singapore	615.63	458.39	1008.19	8,960,167	5,516.2	161,283,000	14,822,000	99,291	33.8%	6.185	ICE, CME, SGX	
Emissions Active Contracts /mt	12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million €/€	YTD Market Volume	Open Interest	YTD Notional Value Million €	30 Day Volatility	14 Day True Range	Trading Exchange	
EUA Futures €/mt	67.56	48.52	96.48	169,127,944	11,426.8	3,044,303,000	624,110,000	205,683	49.7%	2.361	ICE, EEX	
EUA Options €/mt	/	/	/	57,514,222	3,885.9	1,035,256,000	354,305,000	69,945	/	/	ICE, EEX	
GEO Futures \$/mt	6.13	2.55	9.09	505,833	3.1	9,105,000	3,180,000	56	33.3%	0.052	CME	
N-GEO Futures \$/mt	11.33	5.53	16.14	2,151,333	24.4	38,724,000	17,716,000	439	32.0%	0.113	CME	
Natural Gas Active Contracts	12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range	Trading Exchange	
LNG Japan/Korea Marker \$/MMBtu	25.10	8.91	51.77	131,921,667	3,311.0	2,374,590,000	889,870,000	59,599	81.1%	0.568	ICE, CME	
LPG Propane Far East \$/mt	754.99	528.98	1001.03	206,497	155.9	3,716,944	12,215,000	2,806	30.7%	6.769	ICE, CME	
LPG Propane Saudi CP \$/mt	735.12	485.84	968.48	77,935	57.3	1,402,833	5,162,000	1,031	50.0%	17.596	ICE, CME	
Ferrous Metals							29-Apr-22					0
Active Contract \$/mt	12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range	Trading Exchange	
CME CRU HRC \$/short ton	1601	990	1945	117,542	188.2	2,115,760	523,580	3,386.7	97.6%	29.667	CME	
CME European HRC	1080	861	1400	8,926	9.6	160,660	40,140	173.5	32.0%	7.896	CME	
US Busheling Scrap	635	515	900	11,960	7.6	215,280	118,380	136.8	31.1%	8.275	CME	
LME Steel Scrap	507	430	700	68,377	34.7	1,230,780	82,070	624.1	7.8%	4.284	LME	
LME Steel Rebar	749	639	950	26,404	19.8	475,270	29,990	356.0	8.3%	3.330	LME	
LME China HRC	863	740	1025	11,154	9.6	200,780	11,840	173.3	23.3%	8.423	LME	
Base Metals							29-Apr-22					0
Active Contract \$/mt	12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range	Trading Exchange	
CME Aluminium Premium US \$/pound	0.3234	0.2450	0.4001	29,097	20.7	523,750	625,700	373.5	6.2%	0.0003	CME	
CME Aluminium Premium EU EDP	376.49	233.00	604.44	21,432	8.1	385,775	431,925	145.2	21.0%	1.012	CME	
CME Aluminium Premium EU AEP	302.32	195.00	478.95	11,219	3.4	203,950	203,075	61.1	22.0%	1.030	CME	
LME Aluminium High Grade	2,840	2,350	3,876	28,295,413	80,361	509,317,425	10,284,600	1,446,499	35.5%	78.8	LME	
LME Copper	9,758	8,892	11,300	14,017,425	136,783	252,313,650	3,879,225	2,462,088	17.3%	160.3	LME	
LME Lead	2,300	2,109	2,475	4,935,122	11,352	88,832,200	353,934	204,327	23.9%	44.4	LME	
LME Nickel	22,456	16,761	44,180	1,967,421	44,180	35,413,584	739,770	795,235	100.9%	733.5	LME	
LME Tin	38,024	30,680	48,855	95,695	3,639	1,722,510	28,045	65,497	27.8%	528.7	LME	
LME Zinc	3,371	2,811	4,523	10,978,786	37,013	197,618,150	3,769,050	666,227	38.2%	100.4	LME	
EV Metals							29-Apr-22					0
Active Contract \$/tonne	12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range	Trading Exchange	
Cobalt standard grade in-whs Rotterdam	63,965	44,467	87,479	107	6.9	1,933	2,083	123.6	8.5%	47.251	CME, LME	
Fertilizer							29-Apr-22					0
Spot \$/mt	12 Month Avg	12 Month Low	12 Month High	Avg Weekly Volume	Avg Weekly Notional Value Million \$	YTD Market Volume	Open Interest	YTD Notional Value Million \$	30 Day Volatility	14 Day True Range	Trading Exchange	
Urea (gran) CFR Brazil	660	373	995	3,056	2.0	55,000	10,000	36.3	29.9%	7.474	CME	
Urea (gran) FOB Middle East	662	336	962	20,000	13.2	360,000	1,500	238.4	63.5%	28.284	CME	
Urea (gran) FOB US Gulf	605	363	909	46,606	28.2	838,900	95,500	507.6	56.6%	21.081	CME	

Data Source: Baltic, CME, SGX, LME, ICE Exchanges and Bloomberg data. Spot price implies to the settlement price and index of the future product, index publishers include Baltic Freight, Fastmarkets MB, Platts, TSI, Argus, CRU, Profercy Indices.

Please Note: LME volume and trades in some cases generated three reportable lots instead of one lot.

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