

Freight -FFA							29-Jul-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	28,925	5,826	86,953	15,911	460.2	477,337	164,621	13,807	108.5%	1020.7	EEX, SGX
Panamax4TC	25,226	14,549	37,616	18,354	463.0	550,633	195,819	13,890	36.5%	290.3	EEX, SGX
Supramax10TC	28,617	17,273	39,860	8,651	247.6	259,516	87,705	7,427	14.5%	228.7	EEX, SGX
Options	/	/	/	7,314	356.9	219,415	197,991	10,708	/	/	EEX, SGX
Wet FFA Spot \$/mt							29-Jul-22				
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	7.70	5.61	11.28	5,203,867	40.1	156,116,000	73,725,000	1,201.8	26.1%	0.096	ICE, CME
TD20	11.69	7.19	26.45	1,973,733	23.1	59,212,000	22,798,000	692.0	36.4%	0.248	ICE, CME
TC2_37	23.83	12.07	49.24	1,371,833	32.7	41,155,000	8,489,000	980.5	47.1%	1.286	ICE, CME
TC5	35.42	18.05	77.60	1,661,200	58.8	49,836,000	13,212,000	1,765.0	30.8%	0.971	ICE, CME
TC6	15.12	7.12	33.36	490,967	7.4	14,729,000	3,526,000	222.7	59.1%	0.442	ICE, CME
TC14	26.91	9.88	79.67	887,233	23.9	26,617,000	6,573,000	716.2	100.1%	2.721	ICE, CME
Iron Ore							29-Jul-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	129.31	87.20	184.15	45,254,893	5,851.9	1,357,646,800	90,492,300	175,557	46.8%	1.335	CME, SGX
Iron Ore 65% Fe	151.97	102.00	215.40	917,293	139.4	27,518,800	2,129,100	4,182	49.0%	1.313	CME, SGX
Options IO 62% Fe	/	/	/	10,610,427	1,372.0	318,312,800	82,208,500	41,161	/	/	CME, SGX
Energy							29-Jul-22				
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	393.14	191.00	670.50	117,937	46.4	3,538,100	1,819,600	1,391	74.0%	2.339	SGX
Fuel Oil Spot \$/mt							29-Jul-22				
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	512.03	377.15	715.96	9,323,700	4,774.0	279,711,000	15,951,000	143,220	55.0%	4.589	ICE, CME, SGX
3.5% FOB Rotterdam Barges	488.30	354.25	694.00	6,062,033	2,960.1	181,861,000	13,030,000	88,804	71.5%	15.036	ICE, CME
Marine Fuel 0.5% Singapore	717.30	482.96	1057.61	8,720,800	6,255.4	261,624,000	15,353,000	187,663	24.6%	6.399	ICE, CME, SGX
Emissions Active Contracts /mt							29-Jul-22				
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	75.26	53.45	96.48	159,978,967	12,040.1	4,799,369,000	676,436,000	361,203	37.3%	1.711	ICE, EEX
EUA Options €/mt	/	/	/	47,398,433	3,567.2	1,421,953,000	328,859,000	107,017	/	/	ICE, EEX
GEO Futures \$/mt	6.46	2.91	9.09	634,533	4.1	19,036,000	2,974,000	123	60.7%	0.093	CME
N-GEO Futures \$/mt	10.92	5.53	16.14	2,899,433	31.7	86,983,000	15,316,000	950	35.2%	0.170	CME
Natural Gas Active Contracts							29-Jul-22				
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	29.80	15.18	51.77	114,420,667	3,410.1	3,432,620,000	808,500,000	102,302	49.5%	1.027	ICE, CME
LPG Propane Far East \$/mt	797.48	636.62	1001.03	3,697,167	2,948.4	110,915,000	12,709,000	88,453	14.4%	9.675	ICE, CME
LPG Propane Saudi CP \$/mt	772.81	627.32	968.48	1,339,867	1,035.5	40,196,000	4,291,000	31,064	29.0%	9.701	ICE, CME
Ferrous Metals							29-Jul-22				
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	1465	850	1945	105,431	154.5	3,162,920	450,440	4,634.0	57.0%	14.827	CME
CME European HRC	1034	805	1400	12,274	12.7	368,220	59,240	380.7	21.1%	3.247	CME
US Busheling Scrap	618	460	900	12,283	7.6	368,500	139,000	227.9	24.7%	3.221	CME
LME Steel Scrap	490	368	700	80,660	39.5	2,419,800	61,870	1,185.0	30.2%	3.958	LME
LME Steel Rebar	750	660	950	21,299	16.0	638,960	20,290	479.0	14.5%	1.842	LME
LME China HRC	806	594	950	9,248	7.4	277,450	6,280	223.5	30.5%	7.550	LME
Base Metals							29-Jul-22				
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	0.3376	0.2450	0.4001	36,071	26.8	1,082,125	664,325	805.5	16.3%	0.0006	CME
CME Aluminium Premium EU EDP	458.94	290.00	615.00	26,321	12.1	789,625	515,350	362.4	27.3%	1.726	CME
CME Aluminium Premium EU AEP	371.10	220.00	505.00	10,025	3.7	300,750	159,175	111.6	7.9%	0.499	CME
LME Aluminium High Grade	2,878	2,324	3,876	27,957,909	80,462	838,737,275	10,373,600	2,413,873	25.2%	50.5	LME
LME Copper	9,495	7,162	11,300	14,609,471	138,712	438,284,125	3,425,550	4,161,361	33.6%	173.3	LME
LME Lead	2,261	1,856	2,475	5,043,563	11,402	151,306,900	284,856	342,053	38.4%	35.2	LME
LME Nickel	24,236	17,928	48,211	1,704,475	41,310	51,134,244	659,412	1,239,290	58.7%	798.3	LME
LME Tin	37,616	24,473	48,855	96,470	3,629	2,894,110	29,005	108,866	59.0%	416.6	LME
LME Zinc	3,506	2,927	4,523	11,201,661	39,278	336,049,825	3,373,950	1,178,355	45.0%	94.3	LME
EV Metals							29-Jul-22				
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	71,464	52,536	88,471	221	15.8	6,619	5,344	473.0	29.0%	288.366	CME, LME
Fertilizer							29-Jul-22				
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	704	466	995	2,717	1.9	81,500	10,000	57.4	29.8%	9.845	CME
Urea (gran) FOB Middle East	710	425	962	17,767	12.6	533,000	14,500	378.4	72.5%	18.244	CME
Urea (gran) FOB US Gulf	634	411	909	43,843	27.8	1,315,300	150,100	834.4	49.8%	13.206	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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