

Freight -FFA							31-May-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	30,980	5,826	86,953	15,970	494.8	335,373	163,629	10,390	134.7%	2070.9	EEX, SGX
Panamax4TC	27,277	14,549	37,616	19,064	520.0	400,351	207,762	10,920	29.8%	604.8	EEX, SGX
Supramax10TC	29,938	17,273	39,860	9,057	271.1	190,194	91,107	5,694	12.1%	184.0	EEX, SGX
Options	/	/	/	7,103	548.4	149,160	192,071	11,516	/	/	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	7.08	5.61	10.72	5,899,238	41.7	123,884,000	77,582,000	876.5	22.7%	0.081	ICE, CME
TD20	10.14	6.69	26.45	1,987,095	20.1	41,729,000	15,530,000	423.0	109.7%	0.462	ICE, CME
TC2_37	19.40	12.07	42.74	1,570,143	30.5	32,973,000	6,452,000	639.7	98.1%	0.617	ICE, CME
TC5	28.24	16.02	65.47	1,743,333	49.2	36,610,000	9,012,000	1,034.0	74.7%	1.265	ICE, CME
TC6	12.44	7.12	29.30	548,571	6.8	11,520,000	3,417,000	143.4	79.9%	0.742	ICE, CME
TC14	22.43	9.88	79.67	863,952	19.4	18,143,000	4,536,000	406.9	171.5%	2.380	ICE, CME
Iron Ore							31-May-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	145.40	87.20	222.85	42,053,362	6,114.5	883,120,600	68,740,700	128,405	31.9%	1.162	CME, SGX
Iron Ore 65% Fe	170.79	102.00	256.80	1,114,019	190.3	23,394,400	4,092,000	3,996	27.7%	1.183	CME, SGX
Options IO 62% Fe	/	/	/	10,273,681	1,493.8	215,747,300	69,195,500	31,369	/	/	CME, SGX
Energy							31-May-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	372.64	155.00	670.50	127,076	47.4	2,668,600	1,950,900	994	34.3%	4.122	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	490.55	377.15	715.96	10,058,095	4,934.0	211,220,000	16,797,000	103,614	33.0%	5.372	ICE, CME, SGX
3.5% FOB Rotterdam Barges	468.05	354.25	694.00	6,729,952	3,150.0	141,329,000	14,248,000	66,149	50.2%	12.233	ICE, CME
Marine Fuel 0.5% Singapore	646.66	482.96	1010.57	9,434,476	6,100.9	198,124,000	14,835,000	128,119	24.3%	6.650	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	70.38	49.90	96.48	177,676,000	12,504.2	3,731,196,000	644,144,000	262,589	50.1%	1.888	ICE, EEX
EUA Options €/mt	/	/	/	56,357,952	3,966.3	1,183,517,000	367,683,000	83,292	/	/	ICE, EEX
GEO Futures \$/mt	6.31	2.63	9.09	433,571	2.7	9,105,000	3,078,000	57	27.9%	0.053	CME
N-GEO Futures \$/mt	11.29	5.53	16.14	1,844,000	20.8	38,724,000	18,863,000	437	16.7%	0.087	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	26.20	10.61	51.77	128,835,714	3,375.2	2,705,550,000	867,550,000	70,879	60.2%	0.604	ICE, CME
LPG Propane Far East \$/mt	778.29	578.66	1001.03	191,955	149.4	4,031,048	13,256,000	3,137	23.1%	4.781	ICE, CME
LPG Propane Saudi CP \$/mt	758.28	540.30	968.48	73,932	56.1	1,552,571	5,357,000	1,177	37.3%	18.093	ICE, CME
Ferrous Metals							31-May-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	1583	990	1945	116,626	184.7	2,449,140	491,500	3,878.0	48.6%	29.163	CME
CME European HRC	1084	861	1400	10,769	11.7	226,140	36,080	245.1	33.9%	9.898	CME
US Busheling Scrap	640	515	900	12,661	8.1	265,880	128,120	170.2	35.4%	6.091	CME
LME Steel Scrap	507	440	700	75,567	38.3	1,586,910	86,700	804.9	58.7%	4.932	LME
LME Steel Rebar	755	660	950	26,583	20.1	558,240	27,990	421.7	34.9%	4.328	LME
LME China HRC	845	740	950	11,182	9.5	234,820	10,760	198.5	20.4%	6.887	LME
Base Metals							31-May-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	0.3331	0.2450	0.4001	30,432	22.4	639,075	605,850	469.4	20.6%	0.0035	CME
CME Aluminium Premium EU EDP	408.64	242.50	615.00	21,149	8.6	444,125	401,000	181.5	11.9%	0.630	CME
CME Aluminium Premium EU AEP	328.53	200.00	505.00	10,452	3.4	219,500	179,950	72.1	15.8%	0.250	CME
LME Aluminium High Grade	2,875	2,375	3,876	29,618,443	85,145	621,987,300	10,771,350	1,788,043	32.6%	68.9	LME
LME Copper	9,693	8,892	11,300	14,857,918	144,021	312,016,275	3,603,800	3,024,449	24.0%	137.4	LME
LME Lead	2,298	2,045	2,475	5,292,471	12,161	111,141,900	324,366	255,382	30.4%	42.0	LME
LME Nickel	23,354	17,130	48,211	1,939,161	45,287	40,722,372	647,484	951,023	44.0%	1,144.7	LME
LME Tin	38,365	31,262	48,855	100,566	3,858	2,111,890	27,270	81,023	37.7%	598.1	LME
LME Zinc	3,439	2,811	4,523	11,566,387	39,773	242,894,125	3,714,775	835,236	37.7%	85.1	LME
EV Metals							31-May-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	67,620	44,467	88,471	128	8.7	2,688	2,419	181.8	2.7%	72.382	CME, LME
Fertilizer							31-May-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	678	418	995	2,690	1.8	56,500	1,500	38.3	21.7%	29.609	CME
Urea (gran) FOB Middle East	683	388	962	18,214	12.4	382,500	1,500	261.2	52.6%	2.932	CME
Urea (gran) FOB US Gulf	621	394	909	45,576	28.3	957,100	95,000	594.0	54.5%	10.278	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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