

Freight -FFA							31-Jan-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	32,551	5,826	86,953	15,683	510.5	62,731	154,802	2,042	167.4%	1168.5	EEX, SGX
Panamax4TC	26,205	14,549	37,616	20,884	547.3	83,536	223,460	2,189	69.3%	604.8	EEX, SGX
Supramax10TC	27,764	13,879	39,860	7,001	194.4	28,003	83,999	777	12.3%	311.5	EEX, SGX
Options	/	/	/	4,473	2,861.5	17,890	161,230	11,446	/	/	EEX, SGX
Wet FFA Spot \$/mt							31-Jan-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	6.44	5.16	8.44	7,956,500	51.3	31,826,000	80,098,000	205.0	34.7%	0.036	ICE, CME
TD20	8.29	6.69	11.71	1,246,000	10.3	4,984,000	9,224,000	41.3	59.7%	0.256	ICE, CME
TC2_37	15.70	12.07	23.32	1,444,500	22.7	5,778,000	6,484,000	90.7	51.0%	0.379	ICE, CME
TC5	22.02	15.08	28.86	1,271,250	28.0	5,085,000	5,407,000	112.0	58.1%	0.150	ICE, CME
TC6	9.74	7.12	20.95	765,250	7.5	3,061,000	3,810,000	29.8	91.4%	0.325	ICE, CME
TC14	14.95	9.88	27.58	587,250	8.8	2,349,000	3,310,000	35.1	65.0%	0.349	ICE, CME
Iron Ore							31-Jan-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	156.46	87.20	233.10	36,970,475	5,784.3	147,881,900	78,702,800	23,137	29.9%	2.623	CME, SGX
Iron Ore 65% Fe	182.67	102.00	267.80	1,444,175	263.8	5,776,700	4,379,500	1,055	31.3%	1.153	CME, SGX
Options IO 62% Fe	/	/	/	6,500,450	1,017.0	26,001,800	37,743,000	4,068	/	/	CME, SGX
Energy							31-Jan-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	249.22	106.50	444.50	168,000	41.9	672,000	2,245,300	167	14.8%	1.646	CME, SGX
Fuel Oil Spot \$/mt							31-Jan-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	413.89	328.86	511.17	10,490,500	4,341.9	41,962,000	12,773,000	17,368	20.8%	2.110	ICE, CME, SGX
3.5% FOB Rotterdam Barges	397.21	316.75	506.75	10,852,000	4,310.5	43,408,000	18,025,000	17,242	36.3%	8.338	ICE, CME
Marine Fuel 0.5% Singapore	538.87	439.67	670.77	16,390,500	8,832.3	65,562,000	17,496,000	35,329	13.8%	2.394	ICE, CME, SGX
Emissions Active Contracts /mt							31-Jan-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	57.65	34.93	89.46	165,403,750	9,535.6	661,615,000	770,770,000	38,143	41.3%	2.607	ICE, EEX
EUA Options €/mt	/	/	/	57,174,000	3,296.1	228,696,000	387,812,000	13,184	/	/	ICE, EEX
GEO Futures \$/mt	5.63	2.55	9.09	772,500	4.3	3,090,000	3,197,000	17	35.6%	0.119	CME
N-GEO Futures \$/mt	11.04	5.53	16.14	1,833,000	20.2	7,332,000	10,642,000	81	21.6%	0.157	CME
Natural Gas Active Contracts							31-Jan-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	19.23	5.81	49.35	228,852,500	4,401.8	915,410,000	1,164,300,000	17,607	154.2%	1.589	ICE, CME
LPG Propane Far East \$/mt	680.70	528.98	907.47	1,171,750	797.6	4,687,000	12,771,000	3,190	19.7%	3.056	ICE, CME
LPG Propane Saudi CP \$/mt	661.35	471.15	883.29	508,500	336.3	2,034,000	4,860,000	1,345	20.6%	8.802	ICE, CME
Ferrous Metals							31-Jan-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	1609	1148	1945	140,830	226.6	563,320	764,260	906.3	65.4%	34.949	CME
CME European HRC	988	707	1178	5,485	5.4	21,940	33,020	21.7	21.0%	2.859	CME
US Busheling Scrap	605	492	684	22,280	13.5	89,120	129,960	53.9	17.1%	3.907	CME
LME Steel Scrap	467	396	525	56,148	26.2	224,590	68,200	105.0	13.4%	4.052	LME
LME Steel Rebar	690	580	794	16,663	11.5	66,650	26,070	46.0	14.6%	5.065	LME
LME China HRC	838	615	1025	4,130	3.5	16,520	5,080	13.8	11.9%	4.529	LME
Base Metals							31-Jan-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	0.2755	0.1505	0.3496	34,113	20.7	136,450	616,200	82.9	41.8%	0.0021	CME
CME Aluminium Premium EU EDP	291.86	152.50	446.25	21,763	6.4	87,050	423,375	25.4	65.2%	2.955	CME
CME Aluminium Premium EU AEP	236.73	117.50	344.88	21,375	5.1	85,500	215,200	20.2	47.3%	1.509	CME
LME Aluminium High Grade	2,560	1,965	3,150	32,182,750	82,386	128,731,000	12,106,125	329,543	23.5%	48.3	LME
LME Copper	9,467	7,785	11,300	15,257,688	144,442	61,030,750	3,925,050	577,767	22.8%	164.2	LME
LME Lead	2,218	1,903	2,475	5,362,144	11,894	21,448,575	342,972	47,575	16.2%	31.9	LME
LME Nickel	18,817	15,909	24,220	2,650,268	49,870	10,601,070	933,498	199,481	35.3%	555.2	LME
LME Tin	33,955	23,720	44,353	108,040	3,669	432,160	39,365	14,674	24.9%	778.6	LME
LME Zinc	3,078	2,550	3,845	13,073,525	40,247	52,294,100	4,682,450	160,986	21.0%	53.4	LME
EV Metals							31-Jan-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	56,282	44,467	75,464	85	4.8	338	1,651	19.0	5.6%	44.061	CME, LME
Fertilizer							31-Jan-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	555	350	880	7,500	4.2	30,000	15,000	16.6	23.2%	4.457	CME
Urea (gran) FOB Middle East	549	336	962	18,125	10.0	72,500	19,000	39.8	63.3%	19.989	CME
Urea (gran) FOB US Gulf	510	332	808	57,650	29.4	230,600	217,000	117.6	65.4%	6.376	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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