## Changes to Argus Global Steam Cracker Economics effective 4 November 2021

Argus is relaunching the Argus Western Economics Ethylene Production as the Argus Global Steam Cracker Economics report. The existing Argus Petrochemical Production Economics data will transfer over to this new report alongside the following additions. Argus is adding the following codes to the Argus Petrochemical Production Economics data module. The following PA code details will appear in the DPetchemMargins module in the DPetchemMargins folder on ftp.argusmedia.com effective 4 November 2021.

PA-code	Time stamp	Price type	Continuous forward	Description	Start date	Unit	Category	Frequency
PA0026215	6	8	1	Ethylene net contract cash cost naphtha northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026216	6	8	1	Ethylene net contract variable cost naphtha northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026217	6	8	1	Ethylene net contract variable margin naphtha northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026218	6	8	1	Ethylene net contract co-product credit naphtha northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026224	6	8	1	Ethylene net contract cash margin ethane northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026225	6	8	1	Ethylene net contract cash cost ethane northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026226	6	8	1	Ethylene net contract variable cost ethane northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026227	6	8	1	Ethylene net contract variable margin ethane northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026228	6	8	1	Ethylene net contract co-product credit ethane northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026234	6	8	1	Ethylene net contract cash margin propane northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026235	6	8	1	Ethylene net contract cash cost propane northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026236	6	8	1	Ethylene net contract variable cost propane northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026237	6	8	1	Ethylene net contract variable margin propane northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026238	6	8	1	Ethylene net contract co-product credit propane northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026244	6	8	1	Ethylene net contract cash margin butane northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026245	6	8	1	Ethylene net contract cash cost butane northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026246	6	8	1	Ethylene net contract variable cost butane northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026247	6	8	1	Ethylene net contract variable margin butane northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026248	6	8	1	Ethylene net contract co-product credit butane northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026254	6	8	1	Ethylene net contract cash margin gasoil northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026255	6	8	1	Ethylene net contract cash cost gasoil northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026256	6	8	1	Ethylene net contract variable cost gasoil northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026257	6	8	1	Ethylene net contract variable margin gasoil northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA0026258	6	8	1	Ethylene net contract co-product credit gasoil northwest Europe USD/t month	04-Jan-16	USD/t	->Petrochemicals->Ethylene->Europe	Monthly
PA5001786	2	8	0	Ethylene gross spot cash margin ethane US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001787	2	8	0	Ethylene gross spot cash margin ethane-propane (80-20) US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001811	2	8	0	Ethylene gross spot cash cost ethane US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001812	2	8	0	Ethylene gross spot variable cost ethane US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001813	2	8	0	Ethylene gross spot variable margin ethane US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001814	2	8	0	Ethylene gross spot co-product credit ethane US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001815	2	8	0	Ethylene gross spot cash margin propane US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001816	2	8	0	Ethylene gross spot cash cost propane US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001817	2	8	0	Ethylene gross spot variable cost propane US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001818	2	8	0	Ethylene gross spot variable margin propane US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001819	2	8	0	Ethylene gross spot co-product credit propane US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001820	2	8	0	Ethylene gross spot cash margin butane US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001821	2	8	0	Ethylene gross spot cash cost butane US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001822	2	8	0	Ethylene gross spot variable cost butane US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001823	2	8	0	Ethylene gross spot variable margin butane US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001824	2	8	0	Ethylene gross spot co-product credit butane US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001825	2	8	0	Ethylene gross spot cash margin naphtha US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001826	2	8	0	Ethylene gross spot cash cost naphtha US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001827	2	8	0	Ethylene gross spot variable cost naphtha US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001828	2	8	0	Ethylene gross spot variable margin naphtha US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001829	2	8	0	Ethylene gross spot co-product credit naphtha US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001830	2	8	0	Ethylene gross spot cash margin gasoil US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001831	2	8	0	Ethylene gross spot cash cost gasoil US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001832	2	8	0	Ethylene gross spot variable cost gasoil US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001833	2	8	0	Ethylene gross spot variable margin gasoil US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001834	2	8	0	Ethylene gross spot co-product credit gasoil US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly



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PA5001835	2	8	0	Ethylene gross spot cash cost ethane-propane (80-20) US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001836	2	8	0	Ethylene gross spot variable cost ethane-propane (80-20) US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001837	2	8	0	Ethylene gross spot variable margin ethane-propane (80-20) US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5001838	2	8	0	Ethylene gross spot co-product credit ethane-propane (80-20) US monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->Americas	Monthly
PA5002166	8	8	0	Ethylene gross spot co-product credit ethane Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002167	8	8	0	Ethylene gross spot variable cost ethane Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002168	8	8	0	Ethylene gross spot cash cost ethane Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002169	8	8	0	Ethylene gross spot cash margin ethane Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002170	8	8	0	Ethylene gross spot variable margin ethane Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002171	8	8	0	Ethylene gross spot co-product credit propane Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002172	8	8	0	Ethylene gross spot variable cost propane Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002173	8	8	0	Ethylene gross spot cash cost propane Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002174	8	8	0	Ethylene gross spot cash margin propane Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002175	8	8	0	Ethylene gross spot variable margin propane Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002176	8	8	0	Ethylene gross spot co-product credit butane Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002177	8	8	0	Ethylene gross spot variable cost butane Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002178	8	8	0	Ethylene gross spot cash cost butane Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002179	8	8	0	Ethylene gross spot cash margin butane Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002180	8	8	0	Ethylene gross spot variable margin butane Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002181	8	8	0	Ethylene gross spot co-product credit naphtha Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002182	8	8	0	Ethylene gross spot variable cost naphtha Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002183	8	8	0	Ethylene gross spot cash cost naphtha Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002184	8	8	0	Ethylene gross spot cash margin naphtha Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002185	8	8	0	Ethylene gross spot variable margin naphtha Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002186	8	8	0	Ethylene gross spot co-product credit gasoil Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002187	8	8	0	Ethylene gross spot variable cost gasoil Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002188	8	8	0	Ethylene gross spot cash cost gasoil Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002189	8	8	0	Ethylene gross spot cash margin gasoil Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002190	8	8	0	Ethylene gross spot variable margin gasoil Northeast Asia monthly avg	31-Jan-16	USD/t	->Petrochemicals->Ethylene->North East Asia	Monthly
PA5002191	2	8	0	Ethylene gross spot cash margin ethane US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002192	2	8	0	Ethylene gross spot cash cost ethane US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002193	2	8	0	Ethylene gross spot cash margin propane US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002194	2	8	0	Ethylene gross spot cash cost propane US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002195	2	8	0	Ethylene gross spot cash margin butane US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002196	2	8	0	Ethylene gross spot cash cost butane US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002197	2	8	0	Ethylene gross spot cash margin naphtha US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002198	2	8	0	Ethylene gross spot cash cost naphtha US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002199	2	8	0	Ethylene gross spot cash margin gasoil US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002200	2	8	0	Ethylene gross spot cash cost gasoil US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002201	2	8	0	Ethylene gross spot cash margin ethane-propane (80-20) US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002202	2	8	0	Ethylene gross spot cash cost ethane-propane(80-20) US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002203	2	8	0	Ethylene gross spot co-product credit ethane US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002204	2	8	0	Ethylene gross spot co-product credit propane US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002205	2	8	0	Ethylene gross spot co-product credit butane US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002206	2	8	0	Ethylene gross spot co-product credit naphtha US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002207	2	8	0	Ethylene gross spot co-product credit gasoil US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002208	2	8	0	Ethylene gross spot co-product credit ethane-propane(80-20) US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002209	2	8	0	Ethylene gross spot variable cost ethane US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002210	2	8	0	Ethylene gross spot variable cost propane US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002211	2	8	0	Ethylene gross spot variable cost butane US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002212	2	8	0	Ethylene gross spot variable cost batalie GO GOO/D monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002212	2	8	0	Ethylene gross spot variable cost gasoil US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002213	2	8	0	Ethylene gross spot variable cost glason oo ooo/ib monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002215	2	8	0	Ethylene gross spot variable margin ethane US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002215 PA5002216	2	8	0	Ethylene gross spot variable margin retraine US USC/Ib monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002210	2	8	0	Ethylene gross spot variable margin butane US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002217 PA5002218	2	8	0	Ethylene gross spot variable margin butane US USC/Ib monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002218	2	8	0	Ethylene gross spot variable margin napritria 05 050/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
PA5002219 PA5002220	2	8	0	Ethylene gross spot variable margin gasoli 03 03C/ib monthly avg Ethylene gross spot variable margin ethane-propane(80-20) US USC/lb monthly avg	31-Jan-16	USC/lb	->Petrochemicals->Ethylene->Americas	Monthly
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