

### Changes to Argus Olefins Margins effective 8 December 2023

Argus is changing the category of the following codes in the Argus Olefins Margins data module effective 8 December 2023. The following PA code details appear in the DPetchemMargins module in the DPetchemMargins folder on ftp.argusmedia.com.

PA Code	Description	Old Category	New Category
PA0025620	Ethylene net contract cash margin naphtha northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0025621	Ethylene net contract cash margin naphtha northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026215	Ethylene net contract cash cost naphtha northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026216	Ethylene net contract variable cost naphtha northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026217	Ethylene net contract variable margin naphtha northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026218	Ethylene net contract co-product credit naphtha northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026219	Ethylene net contract cash cost naphtha northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026220	Ethylene net contract variable cost naphtha northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026221	Ethylene net contract variable margin naphtha northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026222	Ethylene net contract co-product credit naphtha northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026223	Ethylene net contract cash margin ethane northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026224	Ethylene net contract cash margin ethane northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe

PA0026225	Ethylene net contract cash cost ethane northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026226	Ethylene net contract variable cost ethane northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026227	Ethylene net contract variable margin ethane northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026228	Ethylene net contract co-product credit ethane northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026229	Ethylene net contract cash cost ethane northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026230	Ethylene net contract variable cost ethane northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026231	Ethylene net contract variable margin ethane northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026232	Ethylene net contract co-product credit ethane northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026233	Ethylene net contract cash margin propane northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026234	Ethylene net contract cash margin propane northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026235	Ethylene net contract cash cost propane northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026236	Ethylene net contract variable cost propane northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026237	Ethylene net contract variable margin propane northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026238	Ethylene net contract co-product credit propane northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe

PA0026239	Ethylene net contract cash cost propane northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026240	Ethylene net contract variable cost propane northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026241	Ethylene net contract variable margin propane northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026242	Ethylene net contract co-product credit propane northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026243	Ethylene net contract cash margin butane northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026244	Ethylene net contract cash margin butane northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026245	Ethylene net contract cash cost butane northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026246	Ethylene net contract variable cost butane northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026247	Ethylene net contract variable margin butane northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026248	Ethylene net contract co-product credit butane northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026249	Ethylene net contract cash cost butane northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026250	Ethylene net contract variable cost butane northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026251	Ethylene net contract variable margin butane northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026252	Ethylene net contract co-product credit butane northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026253	Ethylene net contract cash margin gasoil northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe

PA0026254	Ethylene net contract cash margin gasoil northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026255	Ethylene net contract cash cost gasoil northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026256	Ethylene net contract variable cost gasoil northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026257	Ethylene net contract variable margin gasoil northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026258	Ethylene net contract co-product credit gasoil northwest Europe USD/t month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026259	Ethylene net contract cash cost gasoil northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026260	Ethylene net contract variable cost gasoil northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026261	Ethylene net contract variable margin gasoil northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA0026262	Ethylene net contract co-product credit gasoil northwest Europe month	->Petrochemicals->Ethylene->Europe	->Petrochemicals->Olefins margins->Europe
PA5001811	Ethylene gross spot cash cost ethane US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001812	Ethylene gross spot variable cost ethane US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001813	Ethylene gross spot variable margin ethane US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001814	Ethylene gross spot co-product credit ethane US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001815	Ethylene gross spot cash margin propane US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001816	Ethylene gross spot cash cost propane US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001817	Ethylene gross spot variable cost propane US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001818	Ethylene gross spot variable margin propane US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001819	Ethylene gross spot co-product credit propane US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas

PA5001820	Ethylene gross spot cash margin butane US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001821	Ethylene gross spot cash cost butane US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001822	Ethylene gross spot variable cost butane US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001823	Ethylene gross spot variable margin butane US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001824	Ethylene gross spot co-product credit butane US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001825	Ethylene gross spot cash margin naphtha US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001826	Ethylene gross spot cash cost naphtha US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001827	Ethylene gross spot variable cost naphtha US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001828	Ethylene gross spot variable margin naphtha US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001829	Ethylene gross spot co-product credit naphtha US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001830	Ethylene gross spot cash margin gasoil US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001831	Ethylene gross spot cash cost gasoil US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001832	Ethylene gross spot variable cost gasoil US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001833	Ethylene gross spot variable margin gasoil US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001834	Ethylene gross spot co-product credit gasoil US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001835	Ethylene gross spot cash cost ethane-propane (80-20) US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001836	Ethylene gross spot variable cost ethane-propane (80-20) US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5001837	Ethylene gross spot variable margin ethane-propane (80-20) US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas

PA5001838	Ethylene gross spot co-product credit ethane-propane (80-20) US monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002166	Ethylene gross spot co-product credit ethane Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002167	Ethylene gross spot variable cost ethane Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002168	Ethylene gross spot cash cost ethane Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002169	Ethylene gross spot cash margin ethane Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002170	Ethylene gross spot variable margin ethane Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002171	Ethylene gross spot co-product credit propane Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002172	Ethylene gross spot variable cost propane Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002173	Ethylene gross spot cash cost propane Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002174	Ethylene gross spot cash margin propane Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002175	Ethylene gross spot variable margin propane Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002176	Ethylene gross spot co-product credit butane Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002177	Ethylene gross spot variable cost butane Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002178	Ethylene gross spot cash cost butane Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
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PA5002180	Ethylene gross spot variable margin butane Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002181	Ethylene gross spot co-product credit naphtha Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002182	Ethylene gross spot variable cost naphtha Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002183	Ethylene gross spot cash cost naphtha Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia



PA5002184	Ethylene gross spot cash margin naphtha Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002185	Ethylene gross spot variable margin naphtha Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002186	Ethylene gross spot co-product credit gasoil Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002187	Ethylene gross spot variable cost gasoil Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002188	Ethylene gross spot cash cost gasoil Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002189	Ethylene gross spot cash margin gasoil Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002190	Ethylene gross spot variable margin gasoil Northeast Asia monthly avg	->Petrochemicals->Ethylene->North East Asia	->Petrochemicals->Olefins margins->Northeast Asia
PA5002191	Ethylene gross spot cash margin ethane US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002192	Ethylene gross spot cash cost ethane US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002193	Ethylene gross spot cash margin propane US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002194	Ethylene gross spot cash cost propane US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002195	Ethylene gross spot cash margin butane US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002196	Ethylene gross spot cash cost butane US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002197	Ethylene gross spot cash margin naphtha US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002198	Ethylene gross spot cash cost naphtha US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002199	Ethylene gross spot cash margin gasoil US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002200	Ethylene gross spot cash cost gasoil US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002201	Ethylene gross spot cash margin ethane-propane (80-20) US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002202	Ethylene gross spot cash cost ethane-propane(80-20) US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas

PA5002203	Ethylene gross spot co-product credit ethane US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002204	Ethylene gross spot co-product credit propane US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002205	Ethylene gross spot co-product credit butane US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002206	Ethylene gross spot co-product credit naphtha US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002207	Ethylene gross spot co-product credit gasoil US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002208	Ethylene gross spot co-product credit ethane-propane(80-20) US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002209	Ethylene gross spot variable cost ethane US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002210	Ethylene gross spot variable cost propane US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002211	Ethylene gross spot variable cost butane US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002212	Ethylene gross spot variable cost naphtha US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002213	Ethylene gross spot variable cost gasoil US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002214	Ethylene gross spot variable cost ethane-propane(80-20) US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002215	Ethylene gross spot variable margin ethane US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002216	Ethylene gross spot variable margin propane US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002217	Ethylene gross spot variable margin butane US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002218	Ethylene gross spot variable margin naphtha US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002219	Ethylene gross spot variable margin gasoil US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas
PA5002220	Ethylene gross spot variable margin ethane-propane(80-20) US USC/lb monthly avg	->Petrochemicals->Ethylene->Americas	->Petrochemicals->Olefins margins->Americas





PA0037409	Ferro-titanium min 70% Ti ex-works UK (per kg Ti) monthly average	->Ferro-alloys->Titanium->Europe	->Ferro-alloys->Titanium->Europe
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