



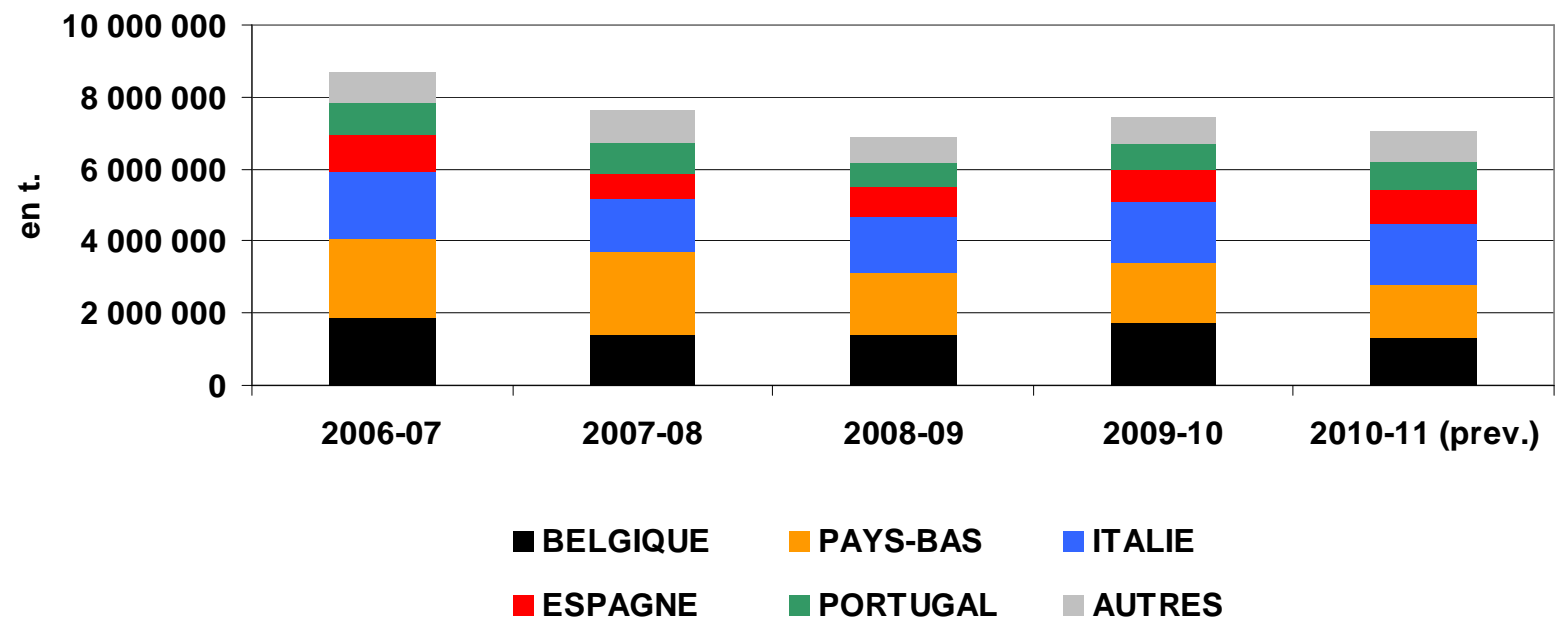
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# ELEMENTS DE LOGISTIQUE

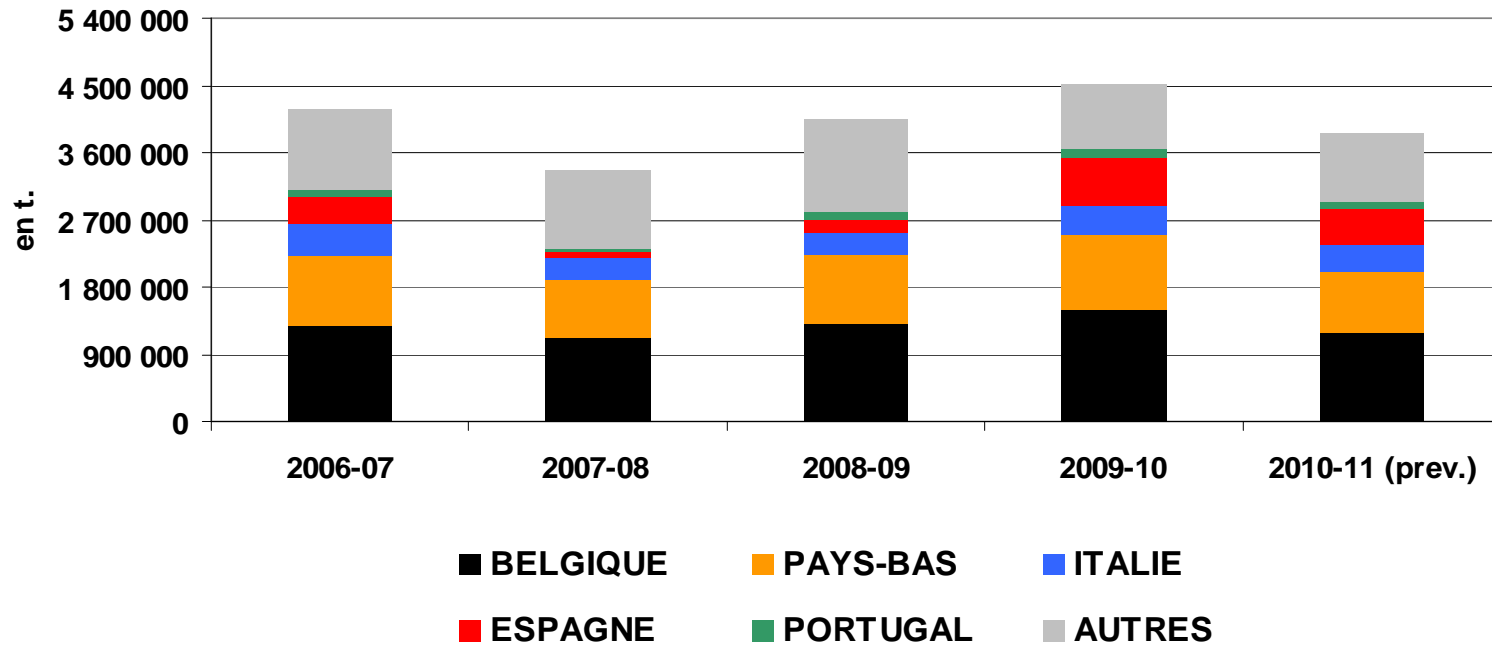
## trafic grandes cultures

## Livraisons blé tendre sur UE



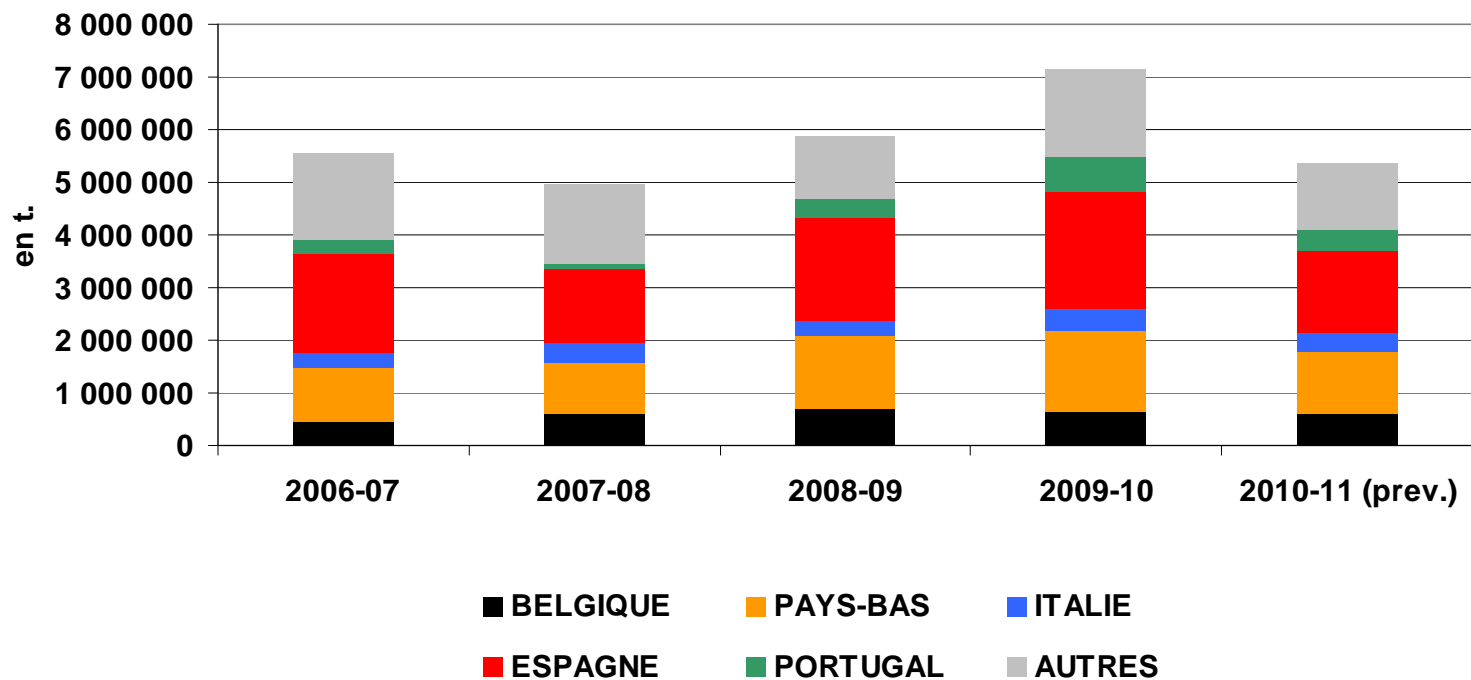
Sources : Douanes et FranceAgriMer

## Livraisons d'orges sur UE



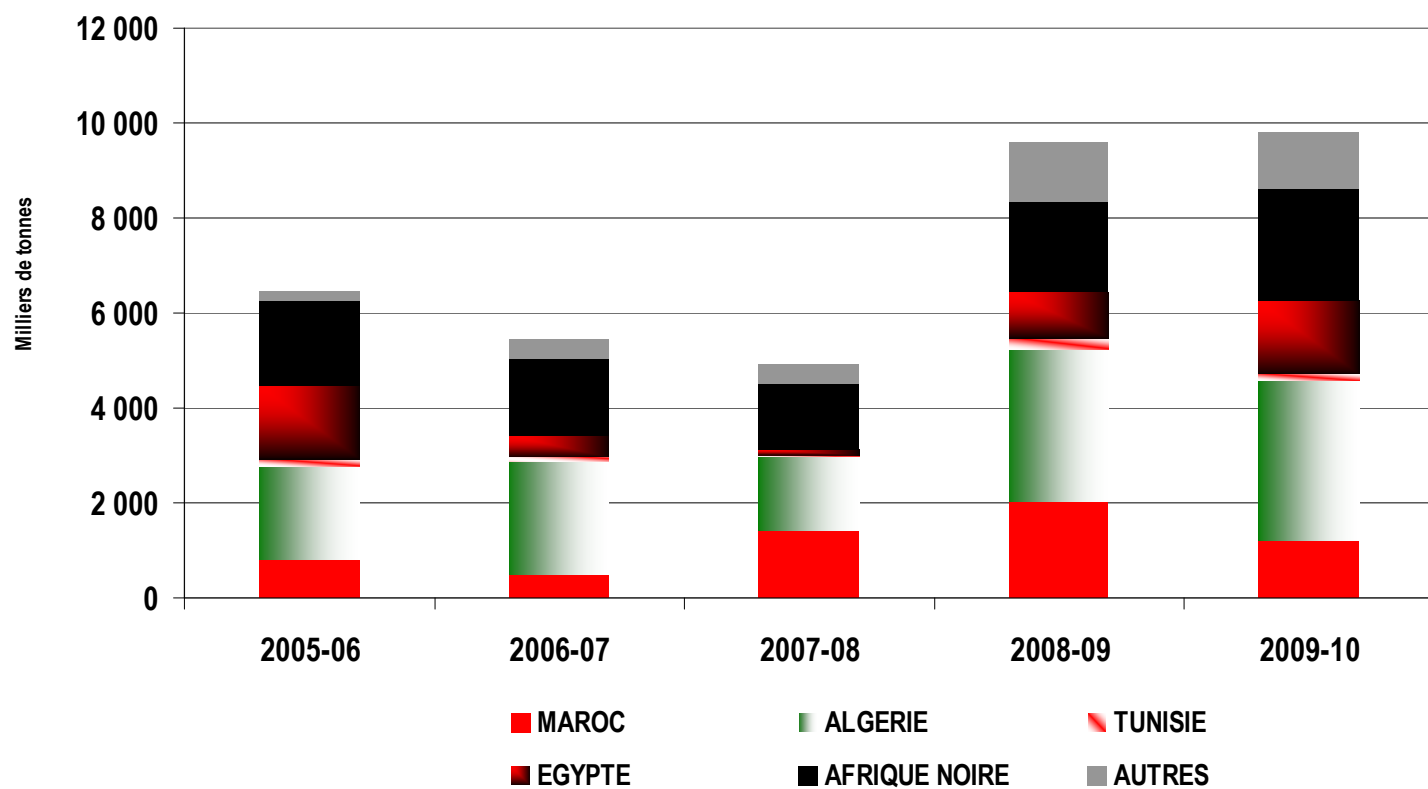
Sources : Douanes et FranceAgriMer

## Livraisons maïs vers l'UE



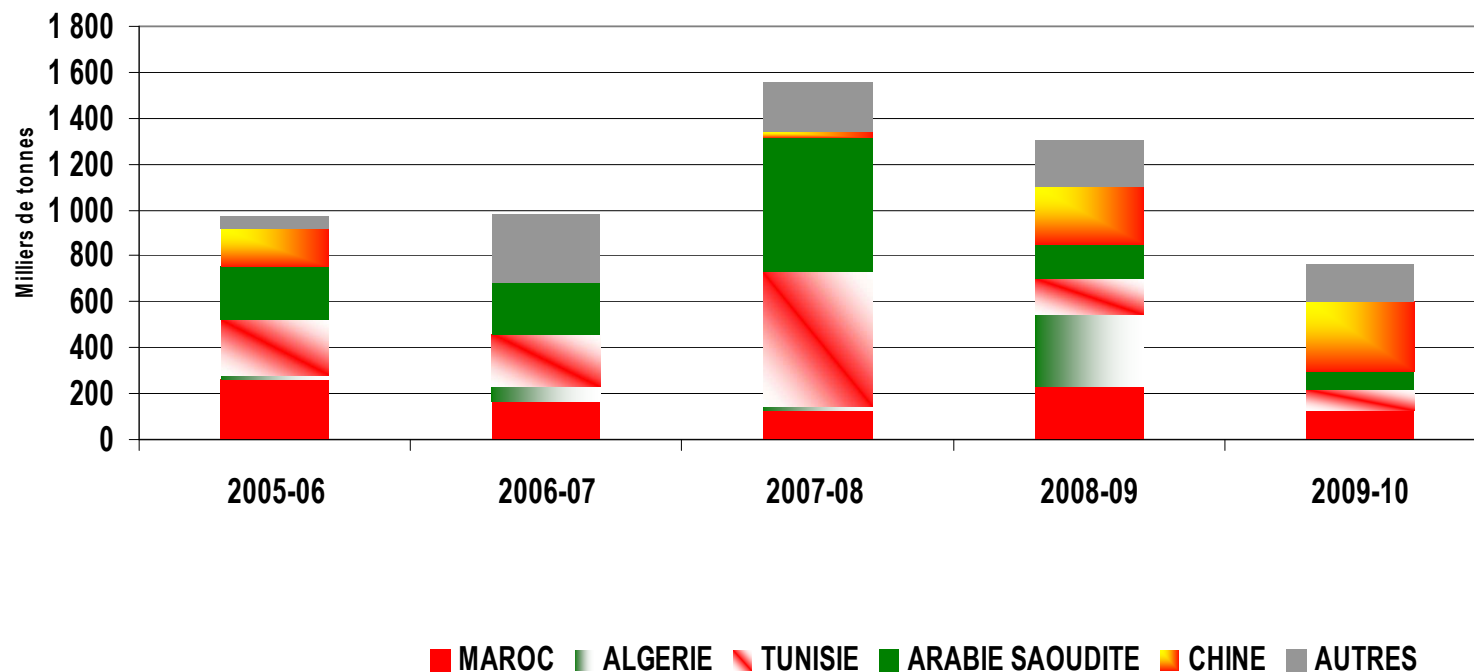
Sources : Douanes et FranceAgriMer

## Exportations blé



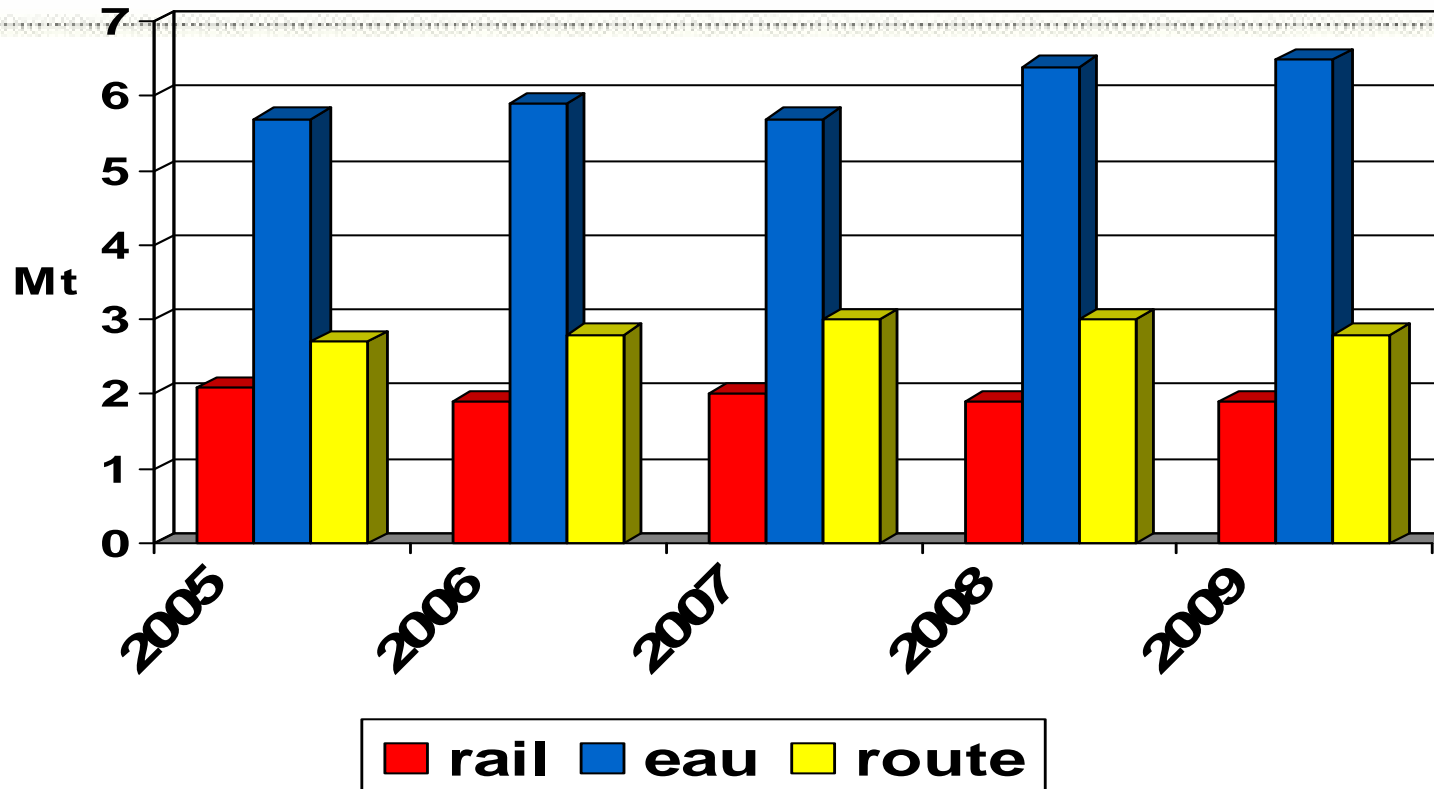
Sources : Douanes et FranceAgriMer

## Exportation orges

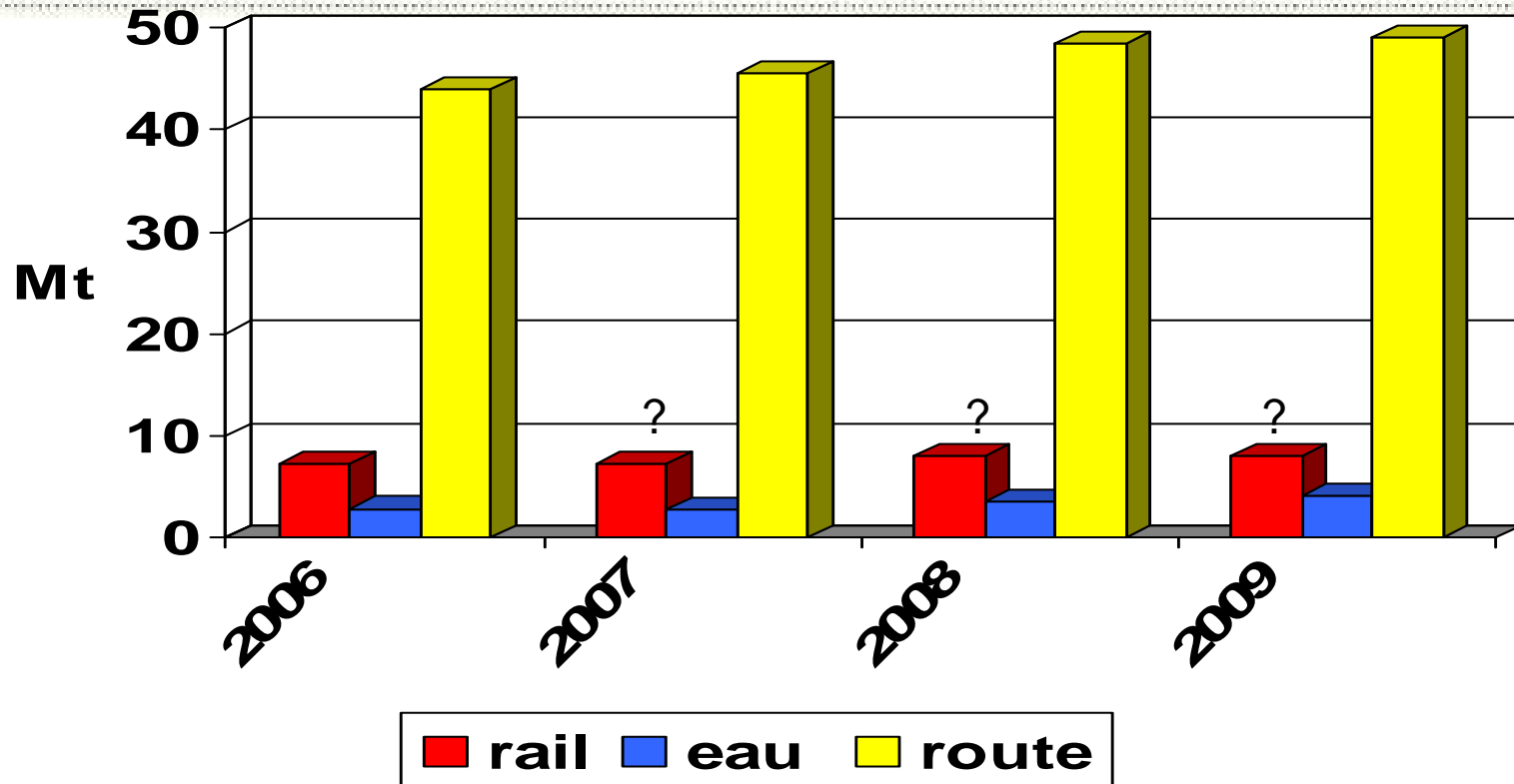


Sources : Douanes et FranceAgriMer

## Les expéditions sur l'UE

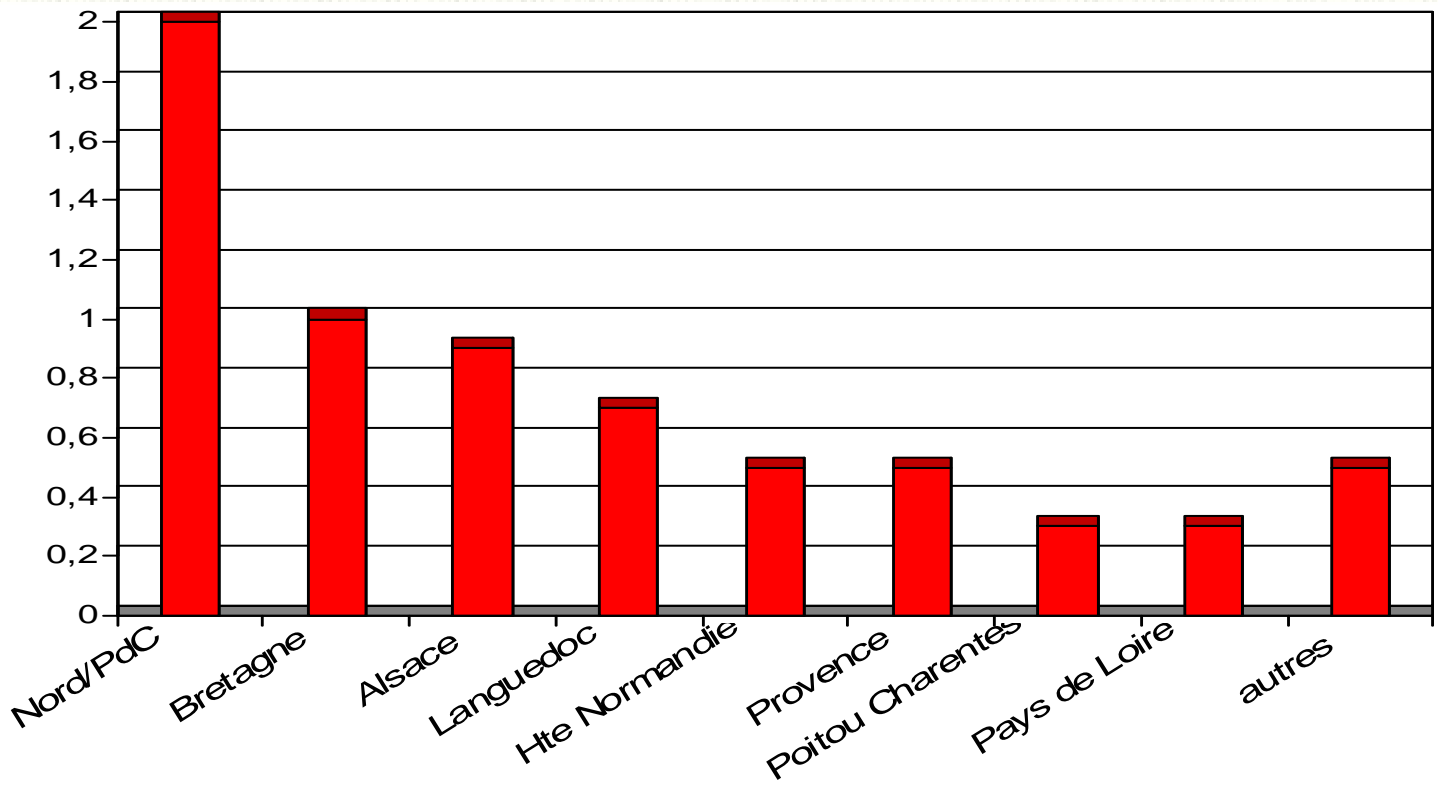


# Le trafic domestique





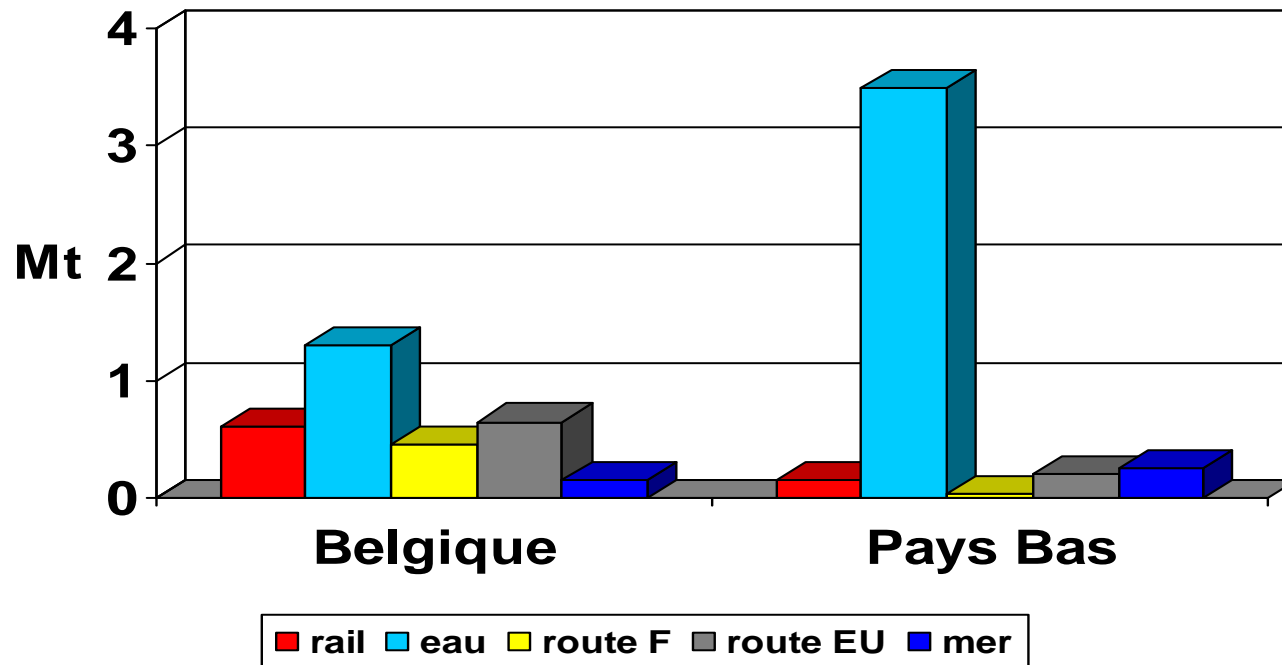
# Le trafic ferroviaire « national » Régions de destination ( 7 Mt)



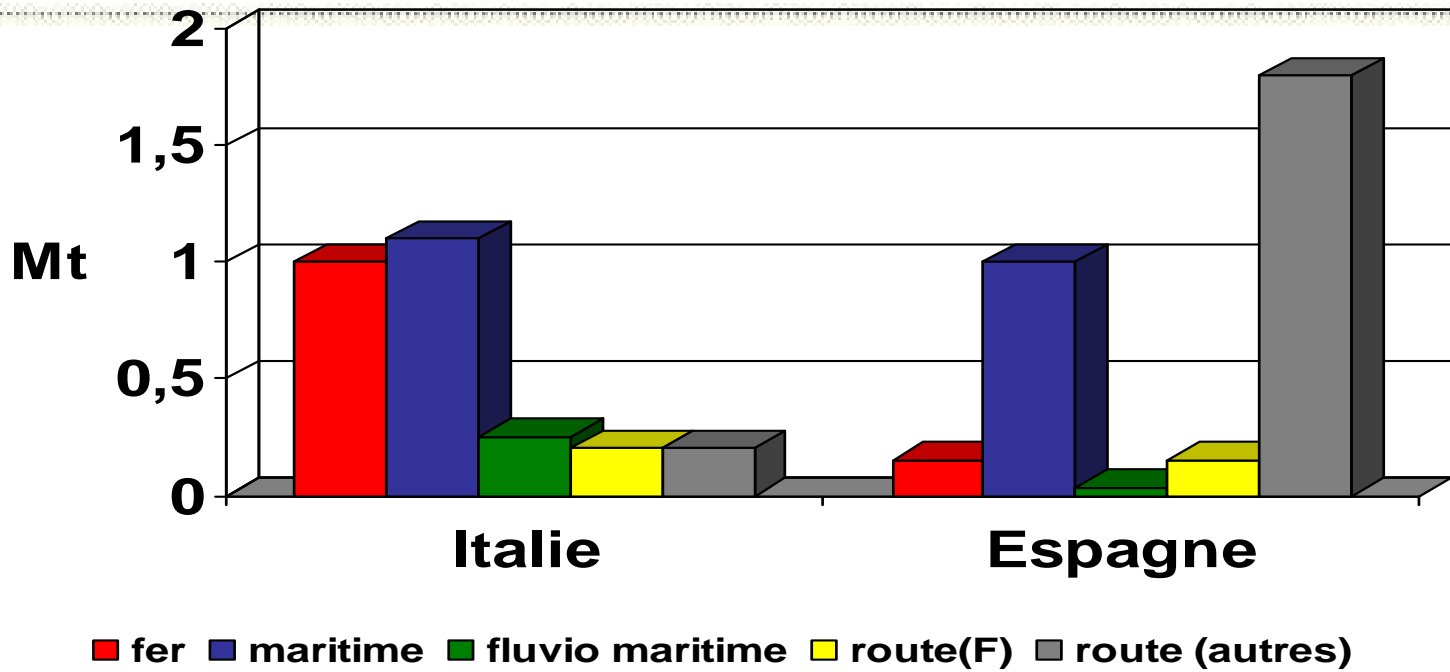


## Modalités de transport

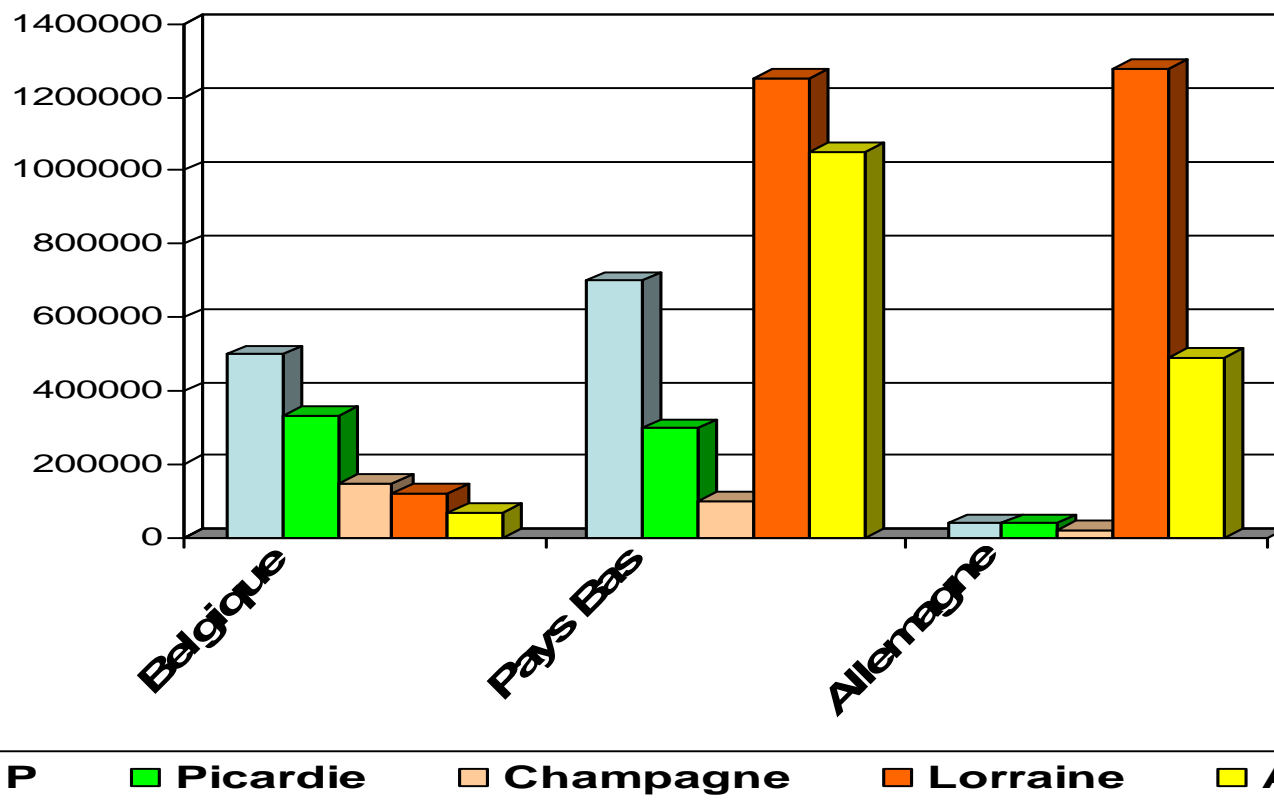
moyenne 2006/2009



**Modalités de transport** moyenne 2006/2009

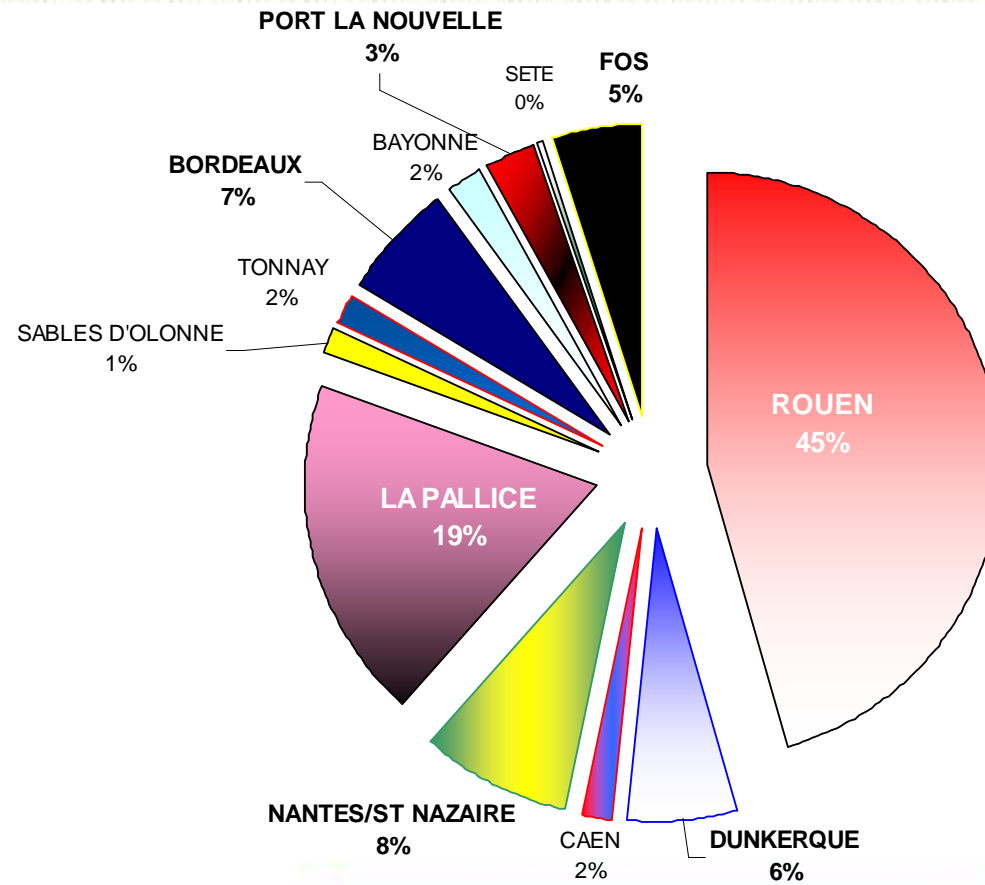


# Origine des exports par voies navigables 2009

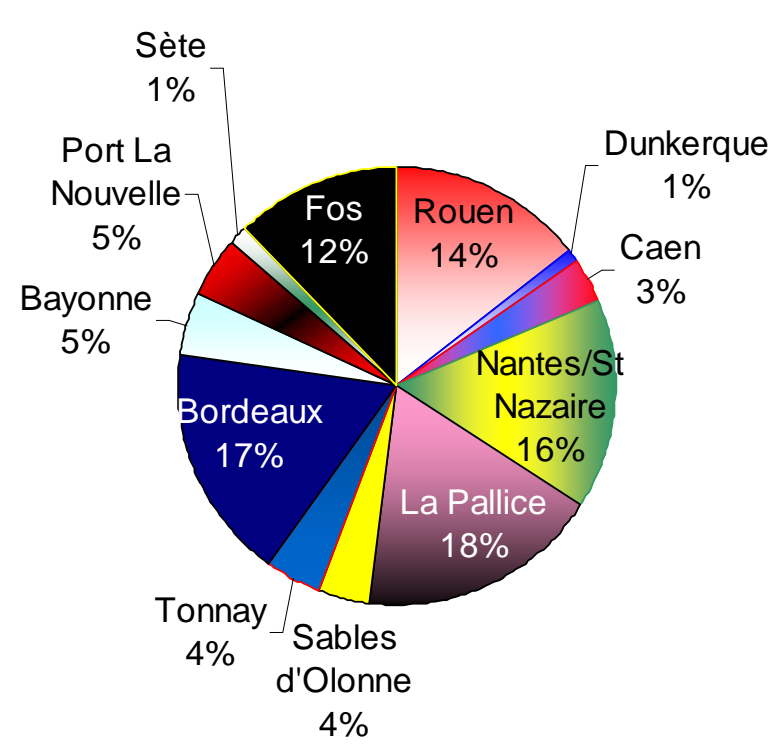


## Trafic portuaire 2009/10

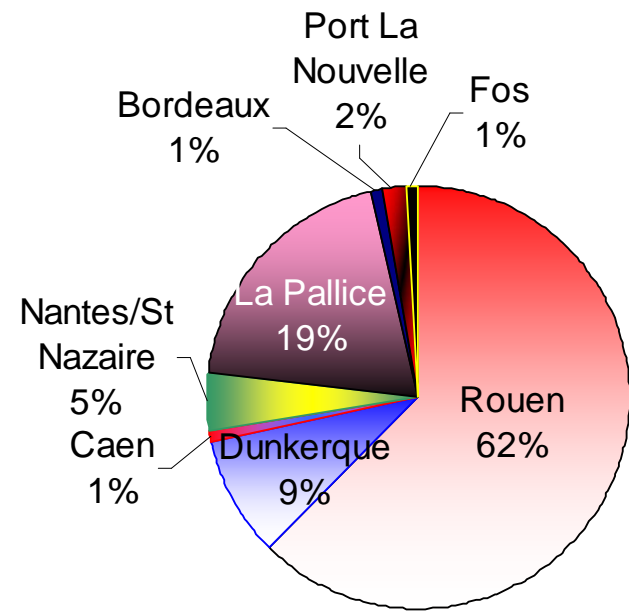
$\Sigma = 17,1 \text{ Mt}$



## Sorties portuaires 2009/2010

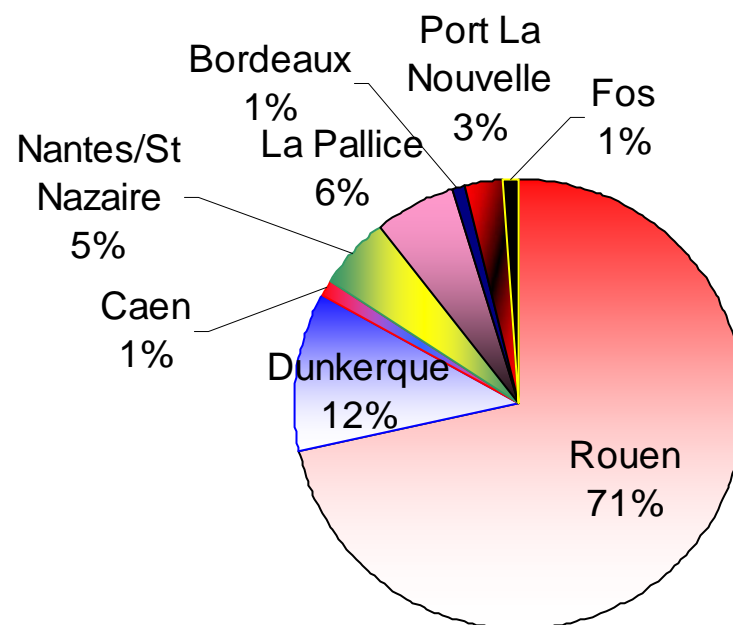


**UE : 6,1 Mt**



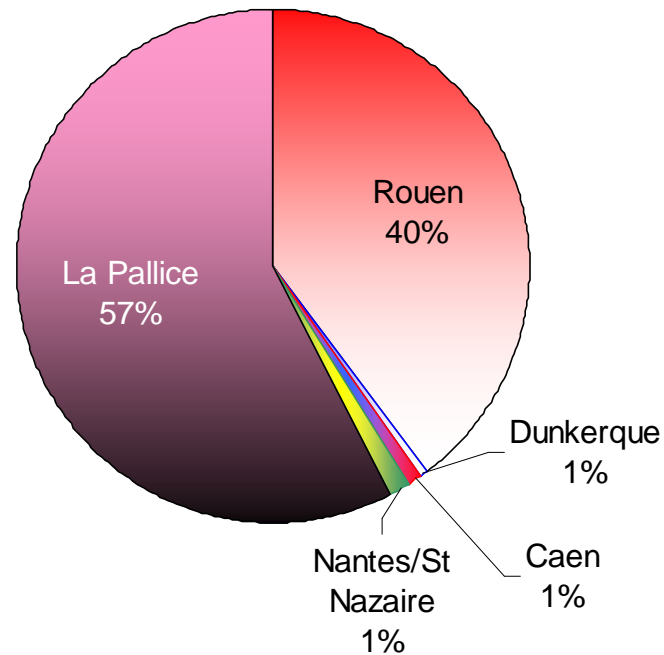
**Pays tiers : 11 Mt**

## Sorties portuaires 2009/2010



**Maghreb : 7,2 Mt**

## Sorties portuaires 2009/2010



**Afrique noire : 2,3 Mt**





## distances moyennes parcourues

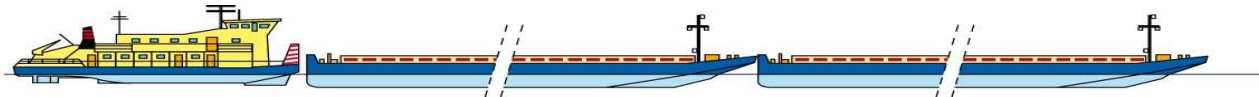
- En France

route	140 km
voie navigable	200 km
fer:	350km

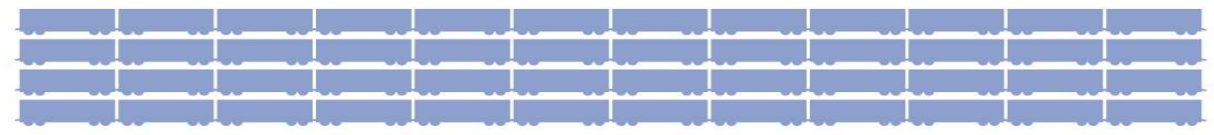
- A l'export

route	340 km
voie navigable	120 km ++
fer	650 km

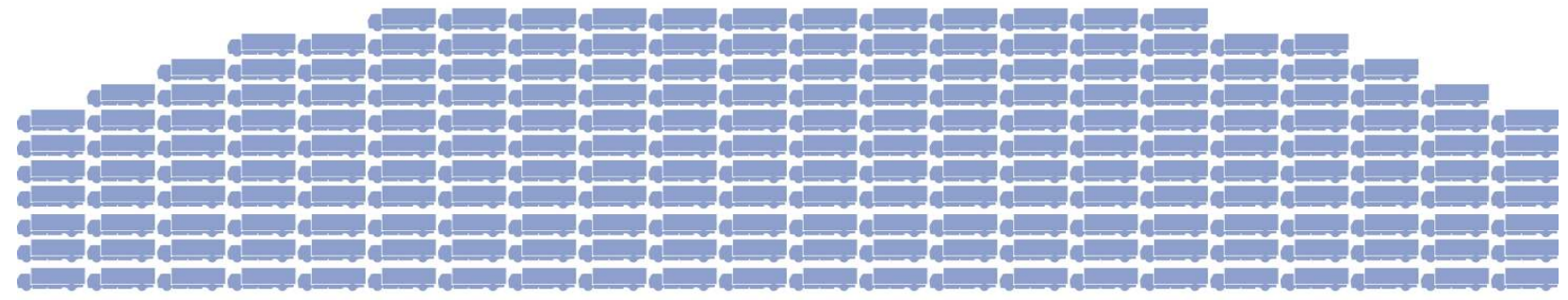
# Nombre de véhicules nécessaires pour le transport de 4 400 t de marchandises :



**1 convoi fluvial**

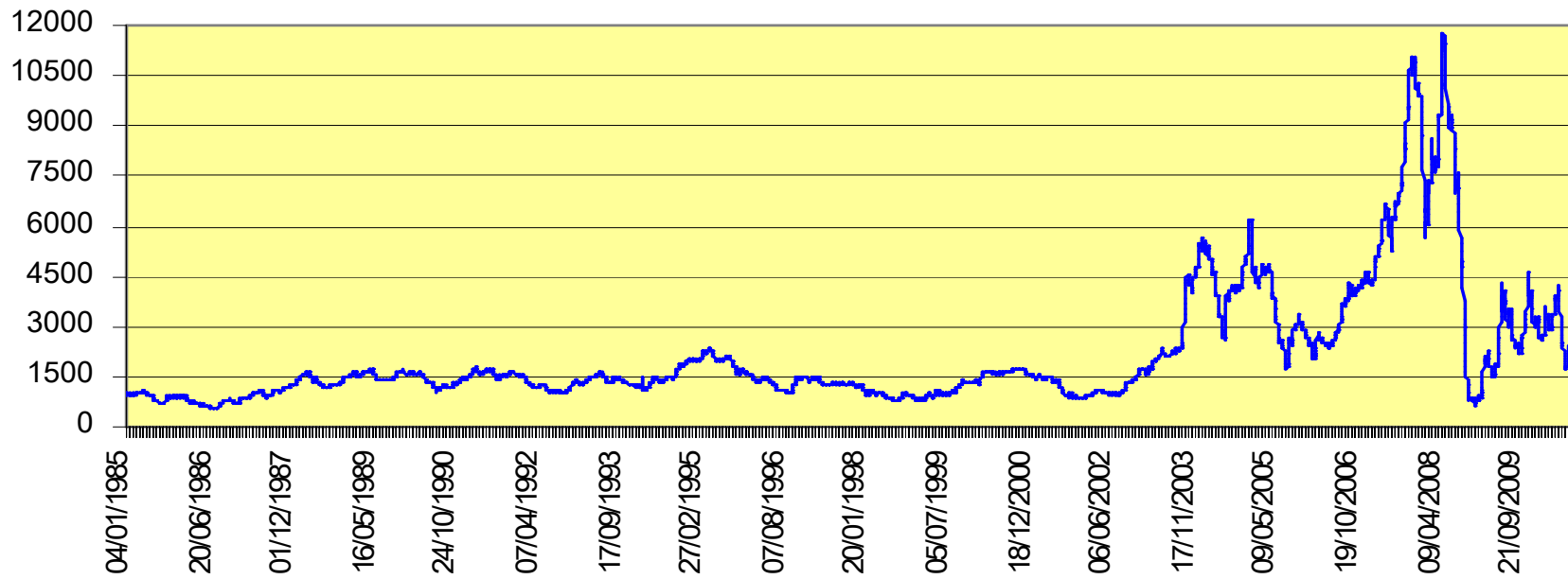


**= 4 trains complets**



**= 220 camions**

## Baltic Dry Index



La flotte des vraquiers

