

MARINE AGGREGATES

THE CROWN ESTATE LICENCES

SUMMARY OF STATISTICS 2025

I N D E X

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ACCOMPANYING NOTES

1. These statistics refer to removal of sand and gravel from the bed of the English and Welsh Territorial Sea and Continental Shelf, under licence from The Crown Estate Commissioners. Removals from areas not in The Crown Estate ownership are not included in these statistics, nor area dredged materials removed purely for navigational reasons and not used beneficially.
2. All the statistics relate to royalty returns for the 2025 calendar year.
3. All permitted and actual extraction figures are expressed in metric tonnes. A conversion factor of 1.73 for aggregate and 1.5 for sand, has been applied where necessary, to convert cubic metres to metric tonnes.
4. The reported permitted removal tonnages shown within this report refers to the tonnage permitted within The Crown Estate production agreement. This is correct as at 31st December 2025.
5. The tonnages exclude corrections relating to late declarations and those identified during the audits.
6. The regional landing statistics totals will not equate to the amount dredged from each region, due to the presence of the export market and movement of aggregate to meet differing home market demands.
7. The county landing statistics for England are based on ceremonial counties and preserved counties for Wales.
8. An official port listing is included (pages 16-17), which illustrates the individual landing locations (current and historic) and the standard name used within this document.

1. Regional Dredging Statistics

Licences to Dredge Marine Minerals

Dredging Area	Permitted Removal *1	Primary Aggregates	Rivers and Miscellaneous	Secondary Aggregates		Total Removal
				Beach Nourishment	Reclamation Fill	
Humber	6,875,000	3,273,675		431,263	-	3,704,938
East Coast	6,125,000	3,052,360	-	0	-	3,052,360
Thames Estuary	3,200,000	1,753,934	-	0	-	1,753,934
East English Channel	12,166,667	3,459,246	-	0	-	3,459,246
South Coast	7,475,000	3,747,531	-	1,028,989	-	4,776,520
South West	2,799,998	1,326,452	-	45,270	-	1,371,723
North West	900,000	126,512	266,492	3,373	-	396,377
Total	39,541,665	16,739,711	266,492	1,508,895	-	18,515,098

2. Regional Landing Statistics

Humber / North East	1,116,417
East Coast	417,557
Thames Estuary	6,221,410
East English Channel	773,573
South Coast	2,567,246
South West	1,325,907
North West	126,512
Export	4,191,088
Primary Aggregates Total	16,739,711
Beach Nourishment / Reclamation Fill / Rivers and Misc	1,775,387
TOTAL LANDED	18,515,098

3. National Landing Statistics - Primary Aggregate

England	11,912,867
Wales	635,756
Belgium	1,081,969
France	9,514
Netherlands	3,099,606

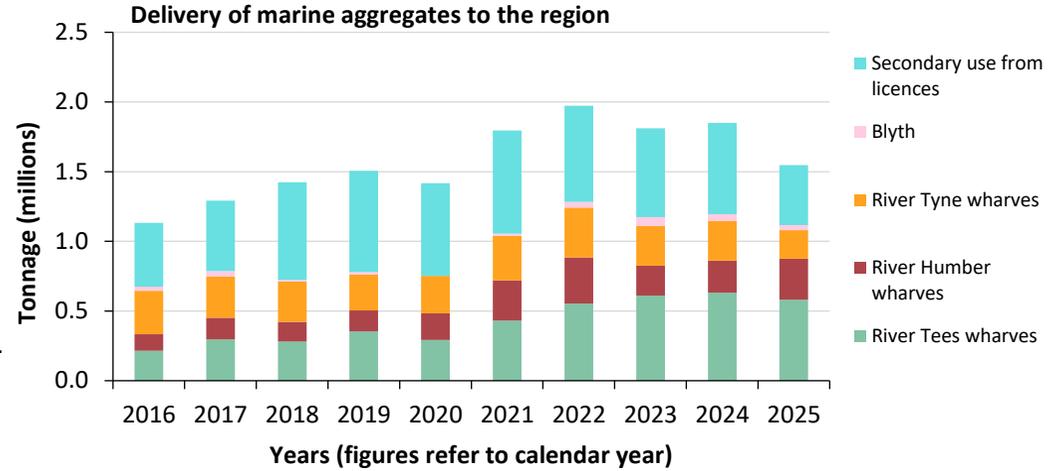
Primary Aggregates Total **16,739,711**

*1 Relates to Average Annual Tonnages (total tonnage / term). This does not include specific permitted tonnages for Secondary Aggregates only.

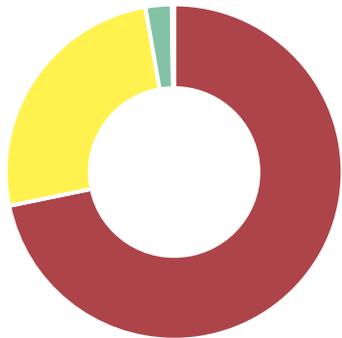
The Humber region

Tonnage delivered to landing locations in the region

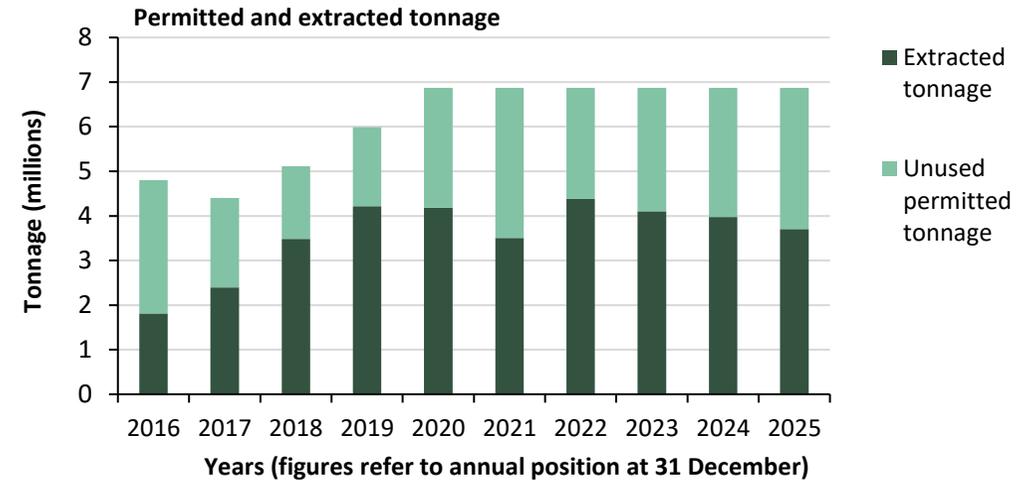
Landing locations	2025 tonnages
Blyth	35,505
River Humber Wharves	293,074
River Tees Wharves	581,377
River Tyne Wharves	206,460
<hr style="border-top: 1px dashed black;"/>	
Humber / North East Total	1,116,417



Material extracted from the region in 2025 was delivered to:



- Mainland Europe (71.8%)
- Humber (Inc. North East) (25.5%)
- Thames Estuary (2.5%)
- South Coast (0.2%)



3.27

million tonnes of primary aggregate were extracted out of the permitted **6.9 million tonnes** from **10 licences**

0.43

million tonnes of aggregate were extracted for **beach nourishment**

9

Current estimates suggest there are **9 years** of primary aggregate production permitted *

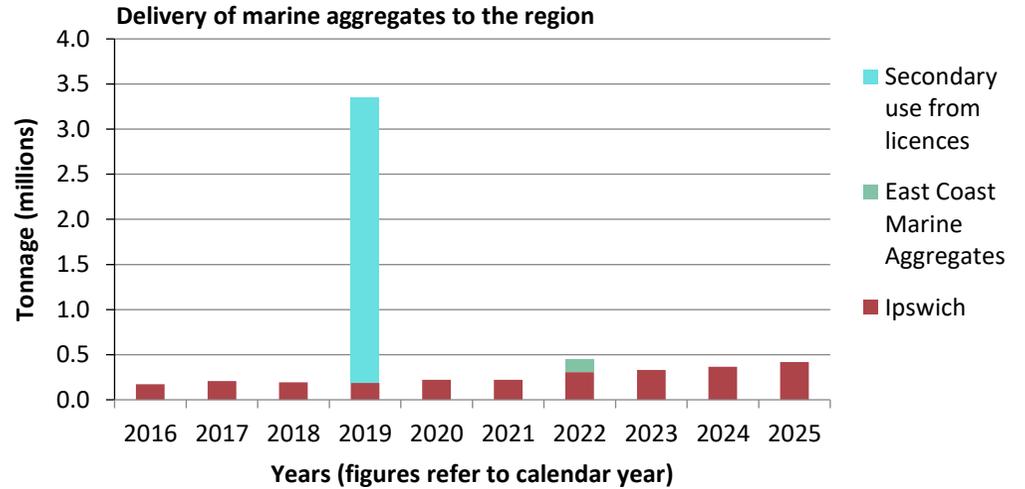
5

Current application for a licence could, if approved, **increase** the permitted tonnage by **5.8 million tonnes** annually *

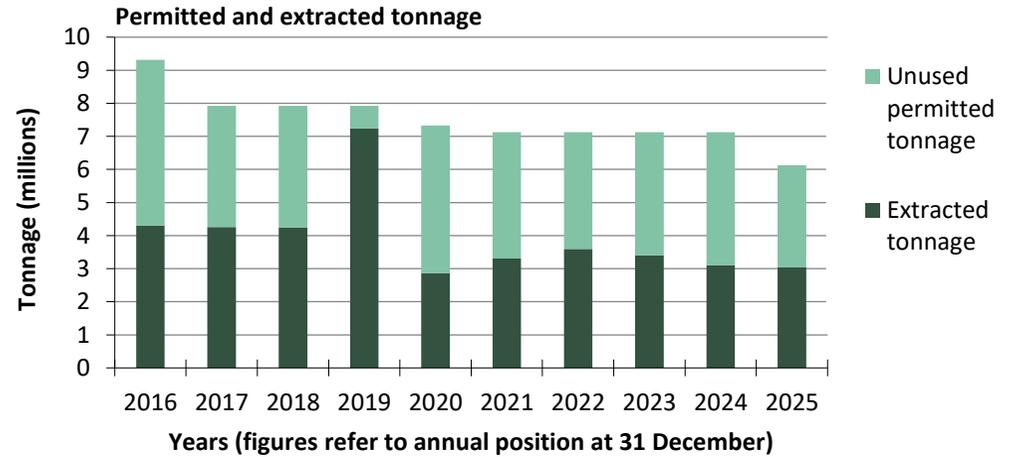
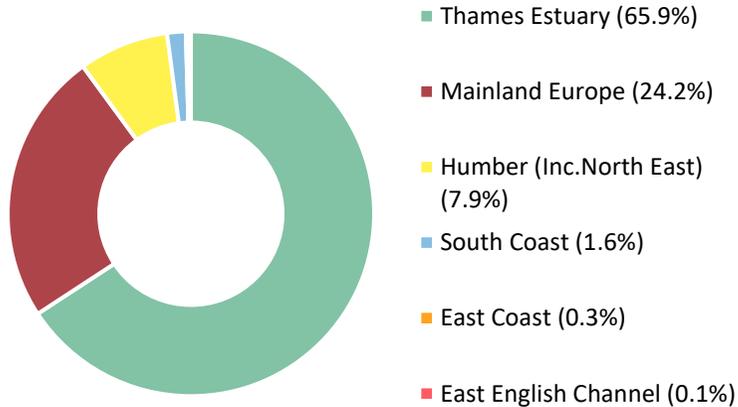
The East Coast region

Tonnage delivered to landing locations in the region

Landing locations	2025 tonnages
Ipswich Wharves	417,557
East Coast Total	417,557



During 2025 material extracted from the region delivered to:



3.05

million tonnes of primary aggregate were extracted out of the permitted **6.1 million tonnes** from **11 licences**

0

No marine aggregate was extracted for **beach nourishment**

10

Current estimates suggest there are **10 years** of primary aggregate production permitted *

0

There are currently **no applications** in the East Coast region

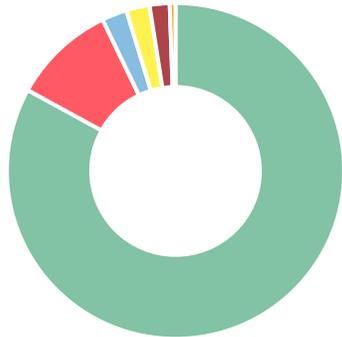
The Thames region

Tonnage delivered to landing locations in the region

Landing locations	2025 tonnages
Cliffe	1,164,034
Dagenham	1,687,974
Denton	279,697
Gravesend	122,824
Greenwich Wharves	1,470,584
Greenhithe	319,034
Isle of Grain	129,540
Northfleet	562,177
River Medway Wharves	252,647
Swale Wharves	29,247
Tilbury	203,653

Thames Estuary Total **6,221,410**

During 2025 material extracted from the region was delivered to:



- Thames Estuary (83.0%)
- East English Channel (9.9%)
- South Coast (2.5%)
- Humber (Inc. North East) (2.2%)
- Mainland Europe (1.9%)
- East Coast (0.5%)

1.75

million tonnes of primary aggregate were extracted out of the permitted **3.2 million tonnes** from **6 licences***

0

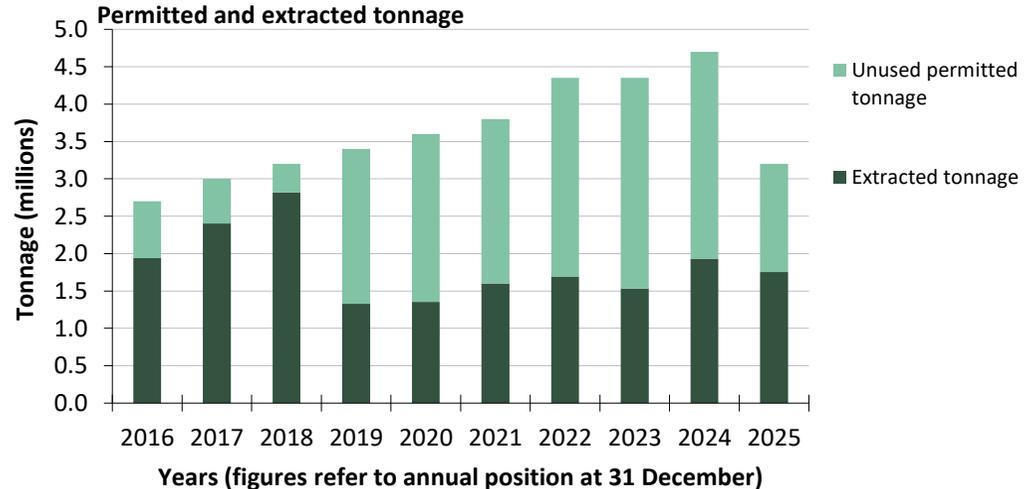
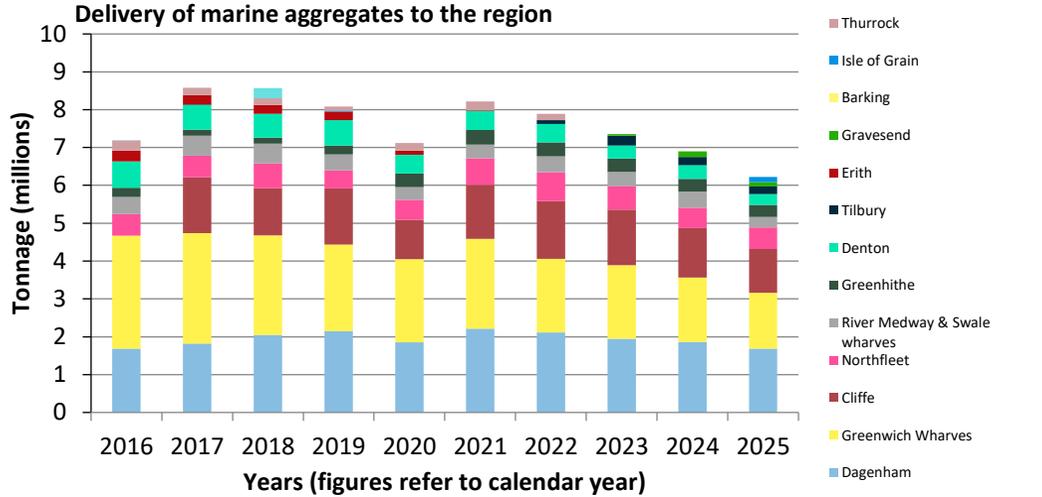
No marine aggregate was extracted for **beach nourishment**

20

Current estimates suggest there are **20 years** of primary aggregate production permitted *

1

Current application for a licence could, if approved, **increase** the permitted tonnage by **0.7 million tonnes** annually *

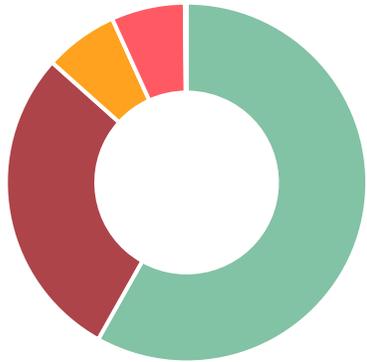


The East English Channel region

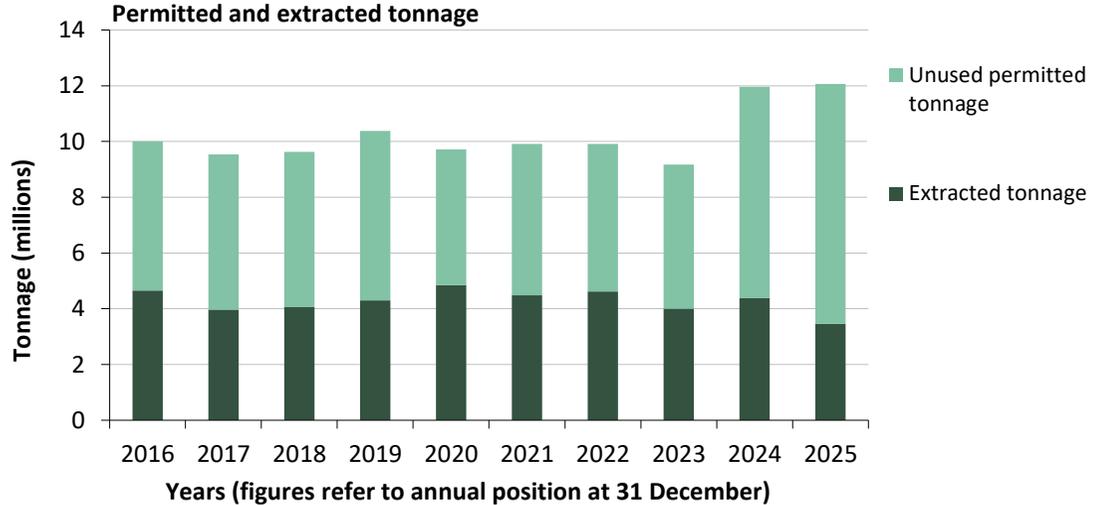
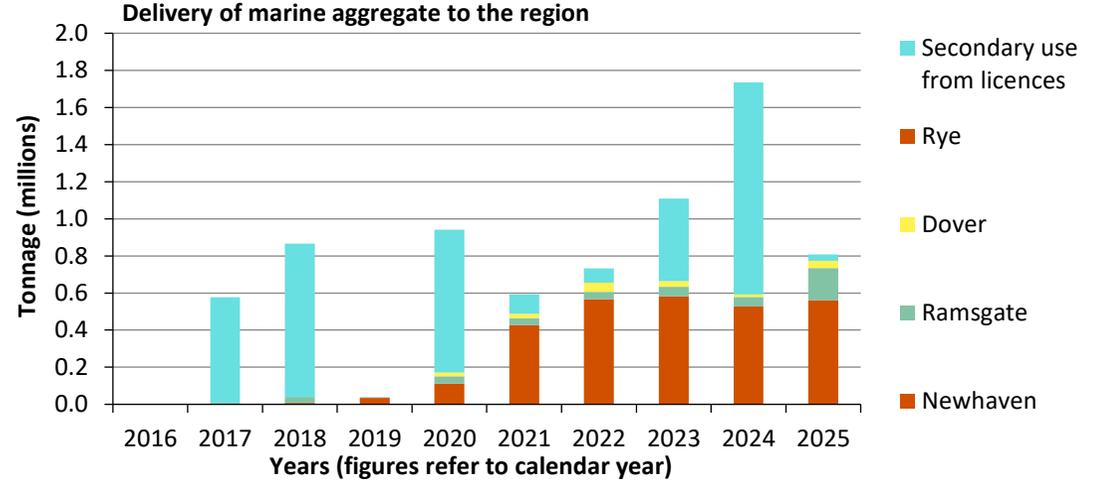
Tonnage delivered to landing locations in the region

Landing locations	2025 tonnages
Dover	39,239
Newhaven	561,833
Ramsgate	172,501
East English Channel Total	773,573

During 2025 material extracted from the region was delivered to:



- Thames Estuary (58.1%)
- Mainland Europe (28.5%)
- East Coast (6.6%)
- East English Channel (6.6%)
- South Coast (0.2%)



3.46

million tonnes of primary aggregate were extracted out of the permitted **12.2 million tonnes** from **14 licences**

0

No marine aggregate was extracted for **beach nourishment**

45

Current estimates suggest there are **45 years** of primary aggregate production permitted *

2

Current applications for licences could, if approved, **increase** the permitted tonnage by **2.25 million tonnes** annually **

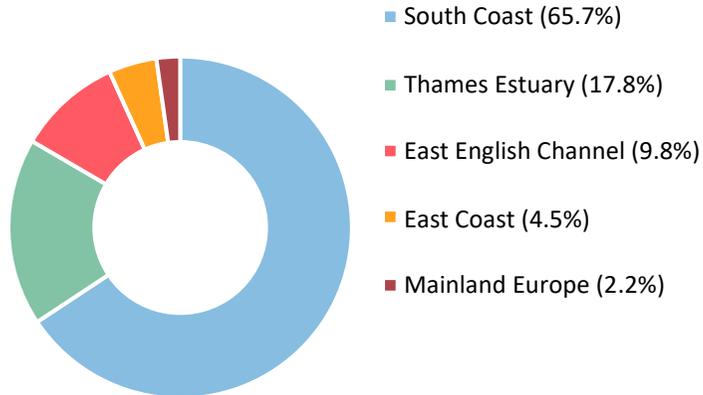
*As at March 2026

The South Coast region

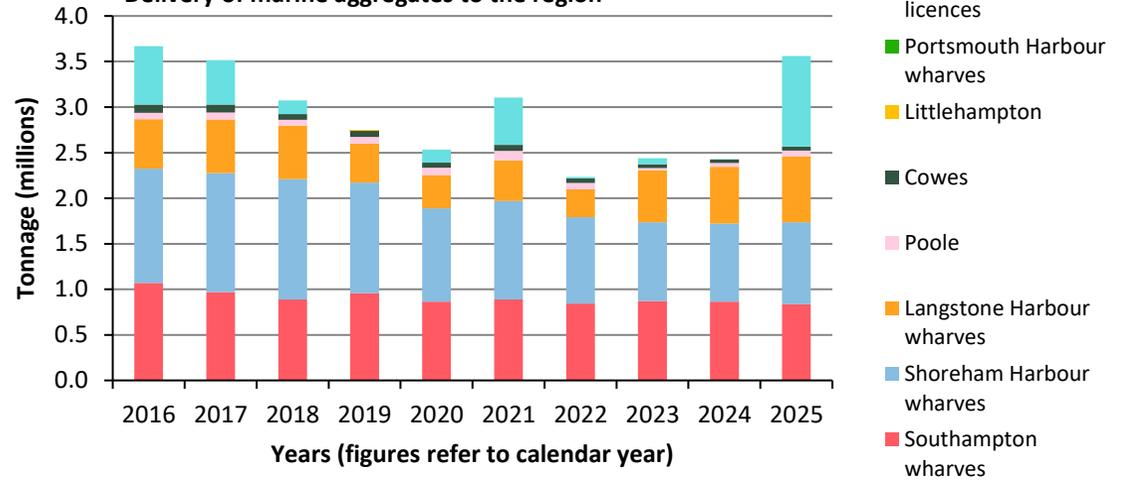
Tonnage delivered to landing locations in the region

Landing locations	2025 tonnages
Cowes	45,184
Langstone Harbour Wharves	726,491
Poole	61,177
Shoreham Harbour Wharves	896,923
Southampton Wharves	837,470
South Coast Total	2,567,246

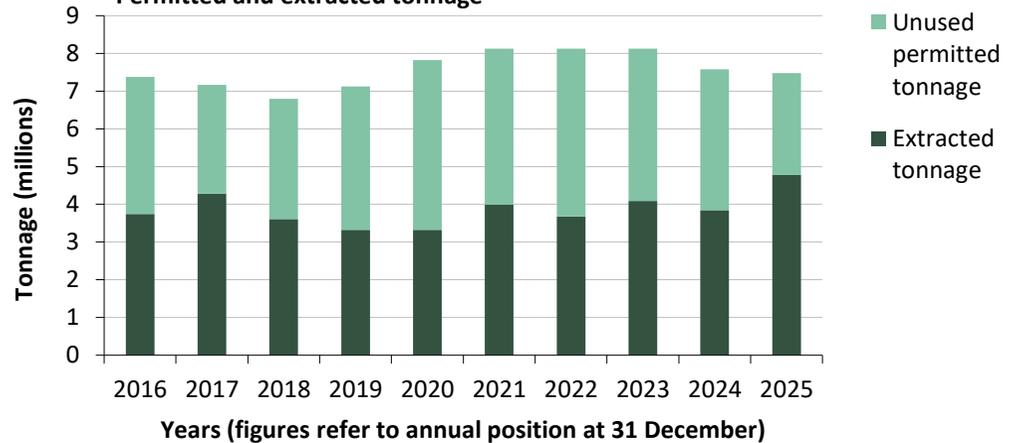
During 2025 material extracted from the region was delivered to:



Delivery of marine aggregates to the region



Permitted and extracted tonnage



3.75

million tonnes of primary aggregate were extracted out of the permitted **7.5 million tonnes** from **15 licences**

1.03

million tonnes of aggregate were extracted for **beach nourishment**

17

Current estimates suggest there are **17 years** of primary aggregate production permitted

2

Current applications for licences could, if approved, **increase** the permitted tonnage by **1 million tonnes** annually *

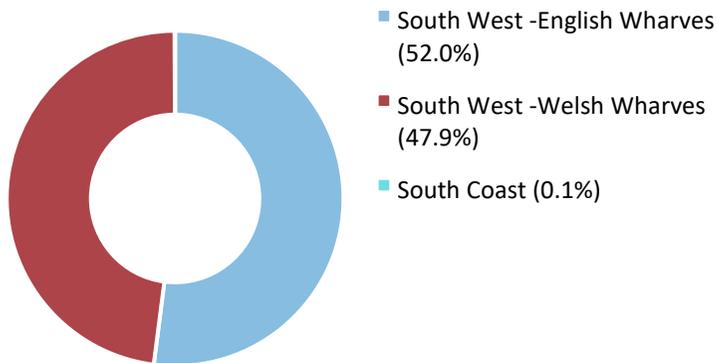
*As at March 2026

The South West region

Tonnage delivered to landing locations in the region

Landing locations	2025 tonnages
Avonmouth	645,019
Burry Port	138,840
Cardiff	204,031
Hinkley	45,133
Newport	228,968
Pembroke	7,773
Port Talbot	3,439
Swansea	52,704
South West Total	1,325,907

During 2025 material extracted from the region was delivered to:



1.33

million tonnes of primary aggregate were extracted out of the permitted **2.8 million tonnes** from **9 licences***

0.05

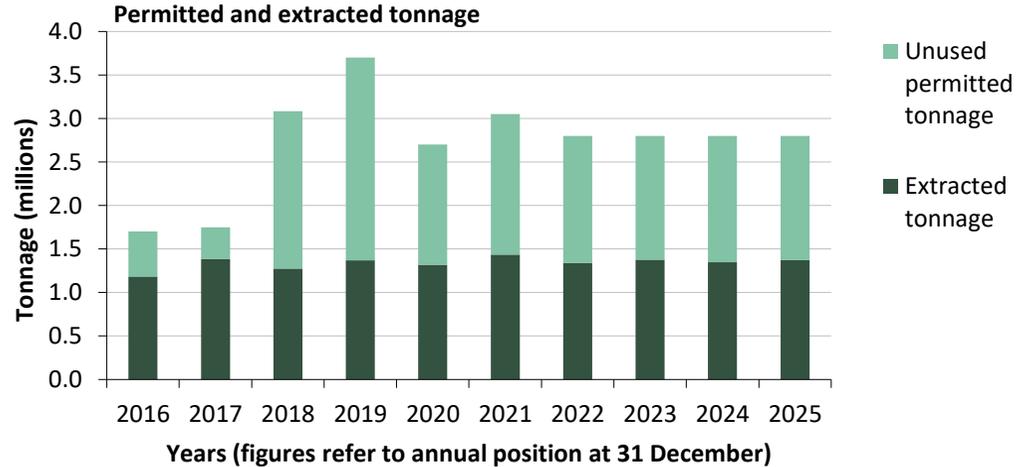
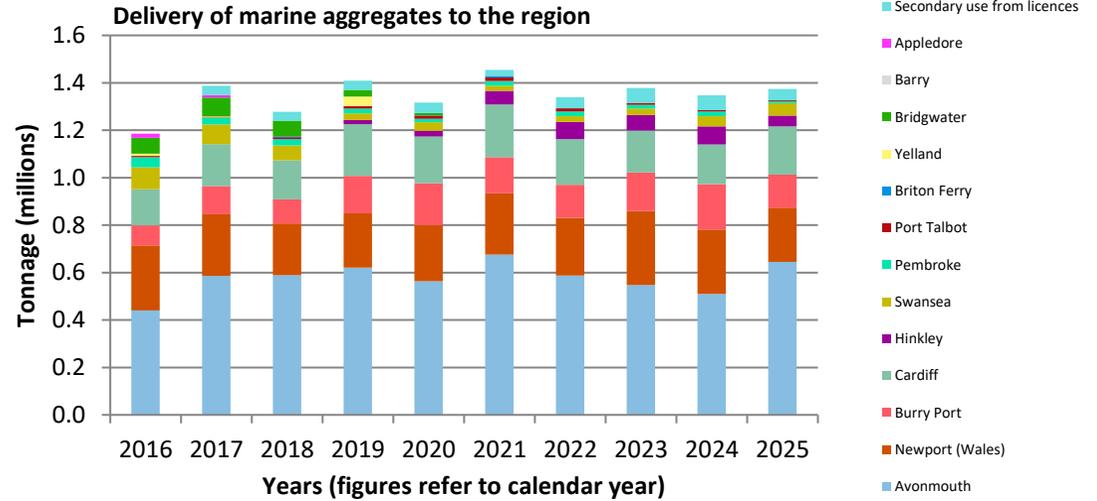
million tonnes of aggregate were extracted for **beach nourishment**

18

Current estimates suggest there are **18 years** of primary aggregate production permitted *

0

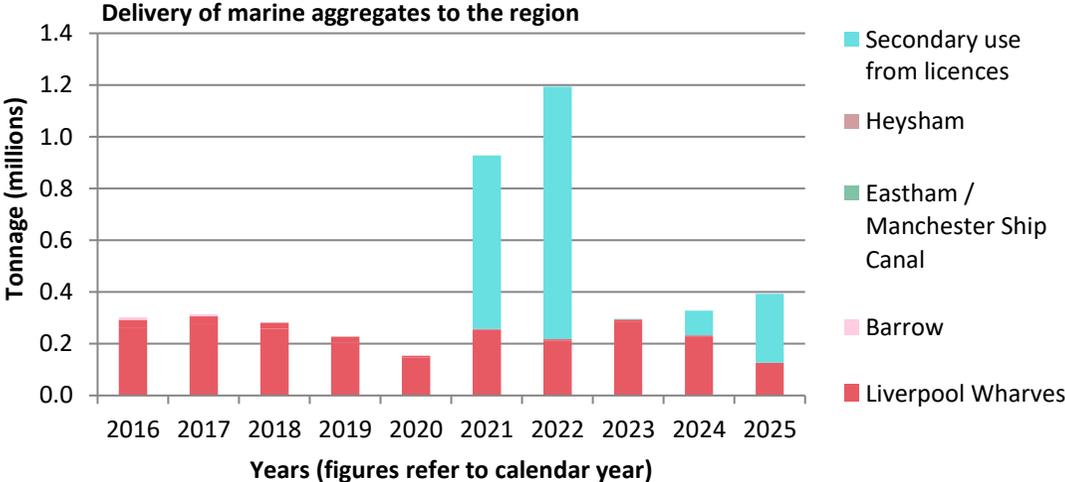
There are currently **no applications** in the South West *



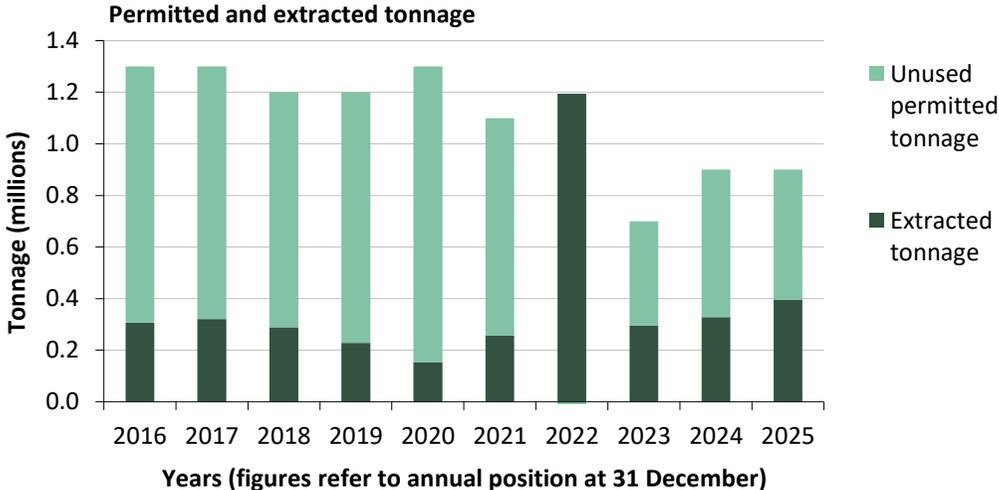
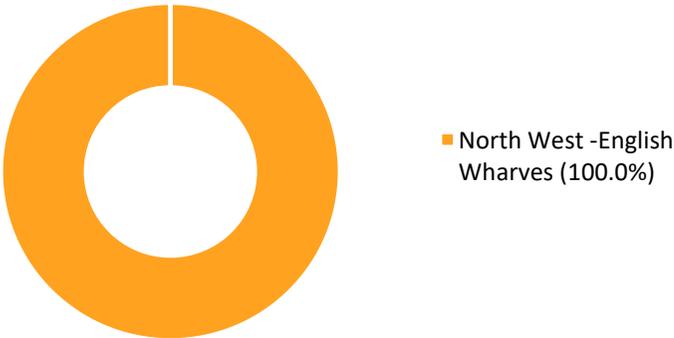
The North West region

Tonnage delivered to landing locations in the region

Landing locations	2025 tonnages
Liverpool Wharves	126,512
<hr style="border-top: 1px dashed black;"/>	
North West Total	126,512



During 2025 material extracted from the region was delivered to:



0.13

million tonnes of primary aggregate were extracted out of the permitted **0.9 million tonnes** from **2 licences**

0.003

million tonnes of aggregate were extracted for **beach nourishment**

34

Current estimates suggest there are **34 years** of primary aggregate production permitted *

0

There are currently **no applications** in the North West region.

*As at March 2026

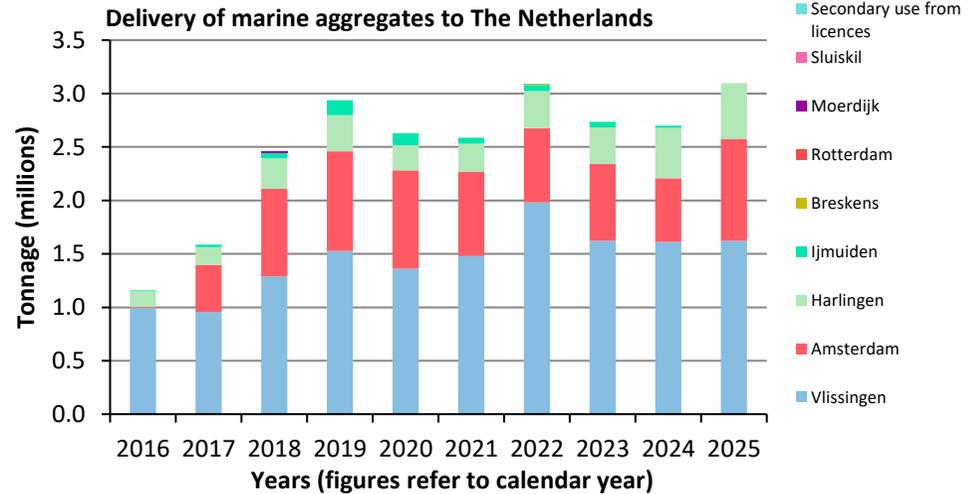
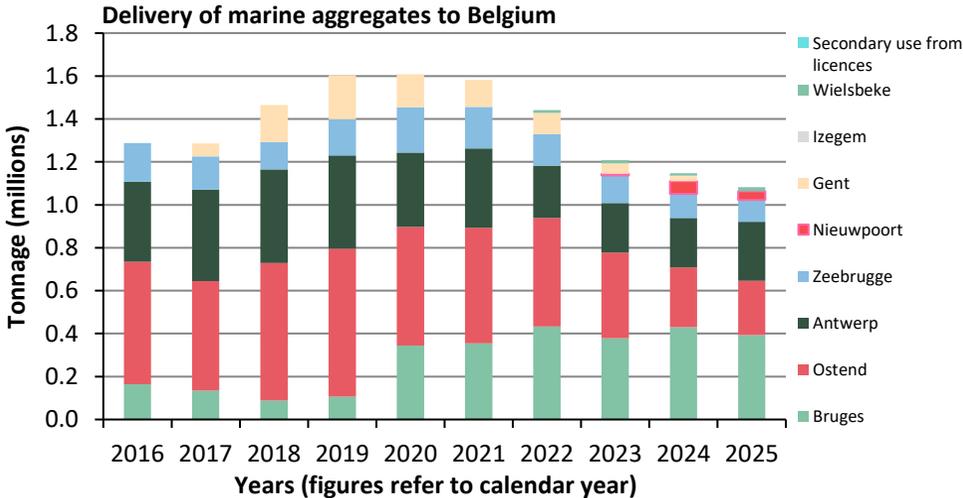
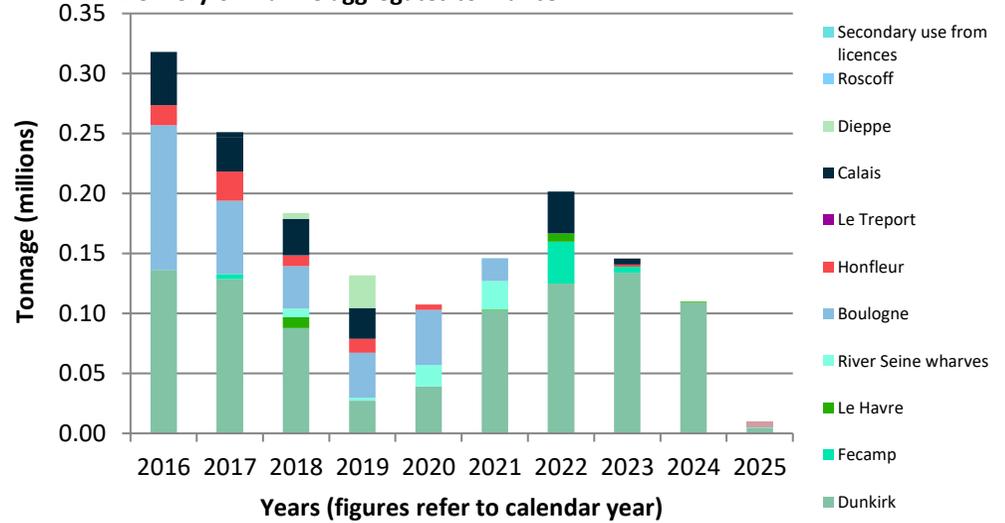
Exports

Tonnage delivered to landing locations in the region

Landing locations	2025 tonnages
Amsterdam	950,961
Antwerp	274,761
Bruges	393,759
Dunkirk	4,901
Harlingen	527,714
Harnes	4,613
Nieuwpoort	40,296
Ostend	252,837
Vlissingen	1,620,932
Wielsbeke	18,900
Zeebrugge	101,416

Export Total **4,191,088**

Delivery of marine aggregates to France



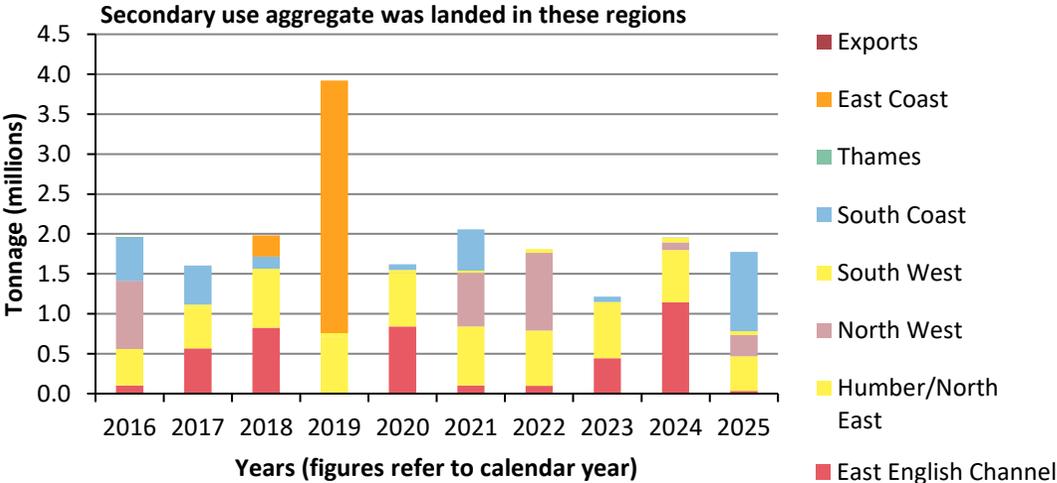
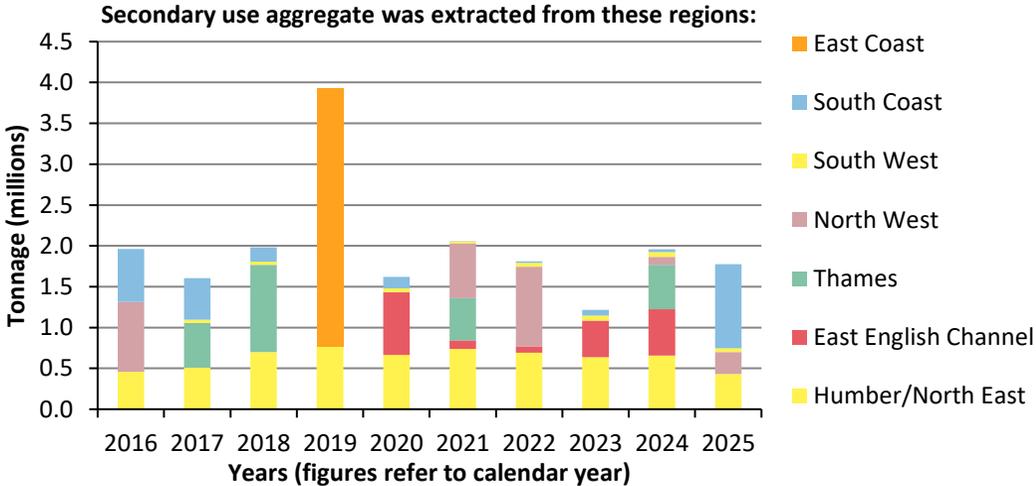
Secondary use aggregate

Beach nourishment/reclamation fill/rivers and miscellaneous

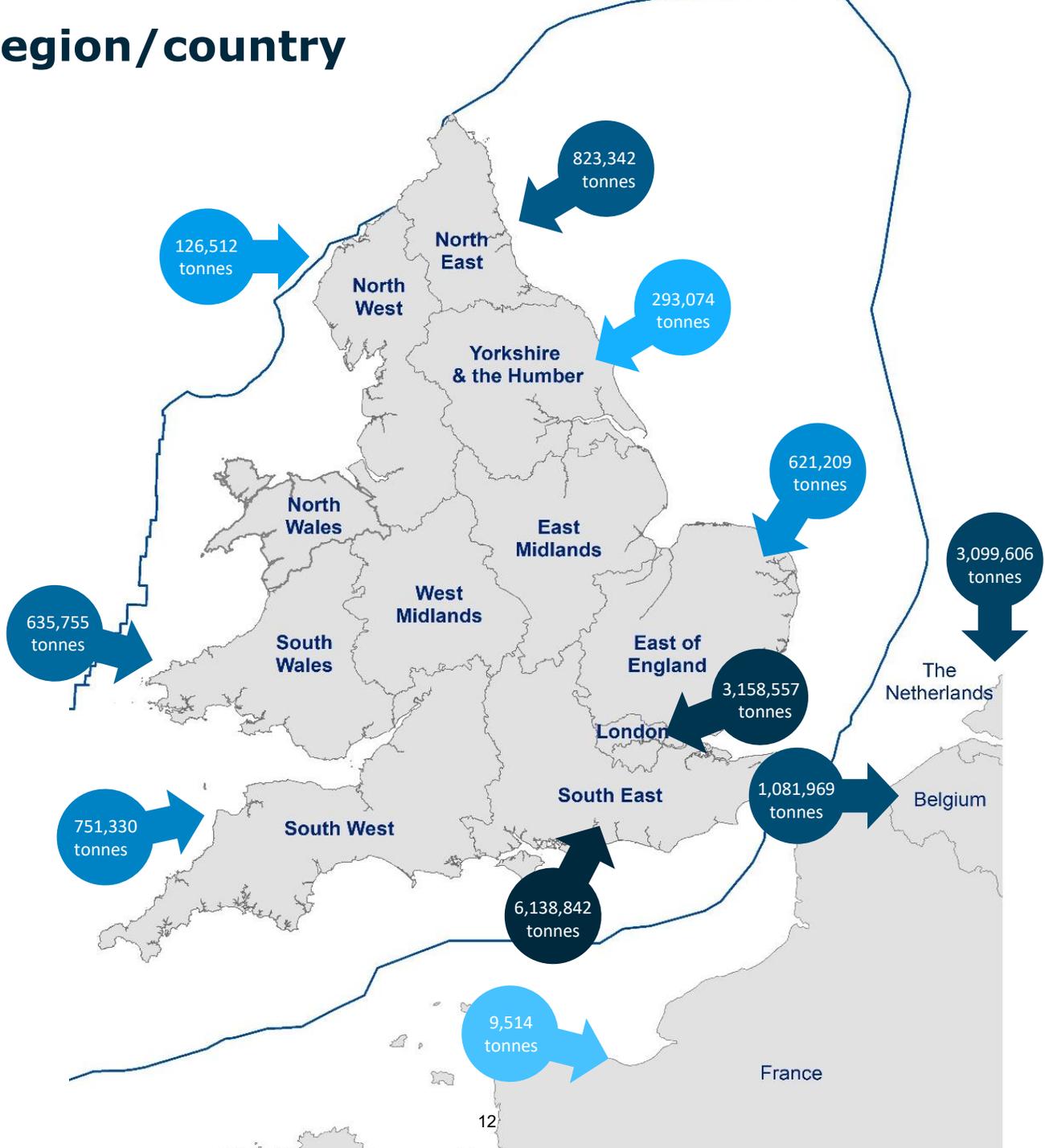
Secondary use aggregate delivered to landing locations

Landing locations	2025 tonnages
Eastham	117,989
Lincshore	431,263
Pevensey Beach	34,801
Southsea	994,188
Weston Point	148,503
Yelland	48,643

Total 1,775,387



Delivery by region/country



Reserves and resources

Region	Total current primary reserves	10-year average annual offtake	3-year average annual offtake	Peak annual offtake during 10-year period*	Annual permitted offtake (as March 2026)	Regional reserve life @ 10-year average annual offtake
Humber	27.81	3.03	3.35	3.69	6.88	9.18
East Coast	35.27	3.62	3.19	4.31	6.13	9.74
Thames Estuary	33.11	1.62	1.56	1.94	3.20	20.45
East English Channel	183.43	4.09	3.61	4.65	12.07	44.84
South Coast	60.52	3.60	3.86	4.02	7.48	16.79
South West	24.31	1.32	1.31	1.43	2.80	18.49
North West	8.32	0.24	0.22	0.32	0.90	34.24
TOTAL	372.78	17.53	17.09	18.10	39.46	21.27

All figures are in millions of tonnes

*Totals are national peaks, not the sum of regional figures

Reserves and Resources

The PERC code defines “**reserves**” as the proportion of a mineral “**resource**” that can be mined for economic purposes

22

Current national estimates suggest there are **22 years** of primary marine aggregate production permitted

373

Million tonnes estimated national primary reserve

Summary of national landing statistics for marine dredged primary aggregates - 2025

England	Avonmouth	645,019	Belgium	Antwerp	274,761		
	Blyth	35,505		Bruges	393,759		
	Cliffe	1,164,034		Nieuwpoort	40,296		
	Cowes	45,184		Ostend	252,837		
	Dagenham	1,687,974		Wielsbeke	18,900		
	Denton	279,697		Zeebrugge	101,416		
	Dover	39,239					
	Gravesend	122,824		Belgium Total	1,081,969		
	Greenhithe	319,034					
	Greenwich Wharves	1,470,584		France	Dunkirk	4,901	
	Hinkley	45,133			Harnes	4,613	
	Ipswich Wharves	417,557					
	Isle of Grain	129,540			France Total	9,514	
	Langstone Harbour Wharves	726,491					
	Liverpool Wharves	126,512			Netherlands	Amsterdam	950,961
	Newhaven	561,833				Harlingen	527,714
	Northfleet	562,177				Vlissingen	1,620,932
	Poole	61,177					
	Ramsgate	172,501		Netherlands Total		3,099,606	
	River Humber Wharves	293,074					
River Medway Wharves	252,647						
River Tees Wharves	581,377						
River Tyne Wharves	206,460						
Shoreham Harbour Wharves	896,923						
Southampton Wharves	837,470						
Swale Wharves	29,247						
Tilbury	203,653						
			Overall Total	16,739,711			
	England Total	11,912,867					
Wales	Burry Port	138,840					
	Cardiff	204,031					
	Newport (Wales)	228,968					
	Pembroke	7,774					
	Port Talbot	3,439					
	Swansea	52,704					
	Wales Total	635,756					

Summary of county landing statistics for marine dredged primary aggregates - 2025

ENGLAND	Bristol	645,019
	Dorset	61,177
	East Riding of Yorkshire	257,514
	East Sussex	896,790
	Greater London	3,362,210
	Hampshire	1,563,961
	Isle of Wight	45,184
	Kent	1,654,259
	Lincolnshire	35,561
	Medway	1,416,681
	Merseyside	126,512
	Middlesbrough	282,521
	North Yorkshire	298,856
	Northumberland	35,505
	Somerset	45,133
	Suffolk	417,557
	Tyne & Wear	206,460
	West Sussex	561,966
		England Total
WALES	Carmarthenshire	138,840
	Gwent	228,968
	Pembrokeshire	7,774
	South Glamorgan	204,031
	West Glamorgan	56,143
	Wales Total	635,756

Official port listing

Region	Landing Port (Standard Name)	Wharves/Alternative Names
North East	Blyth	Blyth
Humber	Immingham	Immingham
	Lincshore	Lincshore
	River Humber Wharves	Goole, Grimsby, Howden, Hull, Hull N&Y, Hull Northern Aggregates, Pyewipe, St Andrew's Quay, Stema Hull
	River Tees Wharves	Able Tees, Billingham, Middlesbrough, Tees, Tees Sand, Seaton, Middlesbrough Dawsons, TCP East Quarry (Shire Aggregates)
	River Tyne Wharves	Gateshead, Jarrow, Tyne, Jarrow Wharf (Cemex)
	Sunderland	Hendon, Hendon Dock, Sunderland
East Coast	Bacton	Bacton
	Ipswich	Hanson/ARC Ipswich, Ipswich, East Coast Marine Aggregates
	Lowestoft	Lowestoft
Thames Estuary	Barking	Barking, Docklands Wharf
	Cliffe	Alpha Wharf, Cliffe, North Sea Terminal
	Dagenham	Hanson/ARC Dagenham, Dagenham, Dagenham Depot (Cemex)
	Denton	Denton, Denton B.A.D, Denton Sand, J Clubbs
	Erith	Erith, Pioneer Wharf
	Felixstowe	Felixstowe
	Greenhithe	Greenhithe, Hanson Greenhithe
	Greenwich Wharves	Angerstein, Blackwall Wharf, Charlton, Delta Wharf, Greenwich, Murphy's Wharf, Phoenix Wharf, Victoria Deep Wharf
	London Docklands Wharves (mostly disused)	Canning Town, Cargo Fleet Wharf, Clarence Wharf, East India Dock, Heron Quay, Millwall, Orchard Wharf, Peruvian Wharf, Rotherhithe, Silvertown, Thames Wharf, Thamesmead, Union Wharf, Victoria Wharf
	Northfleet	Northfleet, Northfleet Brett, Robin's Wharf
	River Medway & Swale Wharves	Queenborough, Ridham, Rochester, Rochester Hanson, Sheerness
	Swale Wharves	Ridham, Queenborough
	Tilbury	Tilbury Stema
Thurrock	Purfleet, Purfleet PAL, Thurrock, West Thurrock	
East English Channel	Dover	Dover
	Hythe	Hythe
	Lydd	Lydd
	Newhaven	Newhaven, Cemex Newhaven
	Ramsgate	Ramsgate
	Rye	Rye
South Coast	Cowes	Cowes, East Cowes, IOWA/Isle of Wight Aggregates, Kingston Wharf, Medina Wharf, Cemex/SCS West Cowes, TMD/UMD West Cowes, West Cowes
	Eastbourne	Eastbourne Beach
	Elmer	Elmer Beach
	Langstone Harbour Wharves	Bedhampton, Havant, Kendall's Wharf, Langstone, TMD/UMD Bedhampton/ Portsmouth
	Littlehampton	Littlehampton, TMD/UMD Littlehampton
	Newport, Isle of Wight	Blackhouse Quay (disused), Newport IoW, Solent Services, West Medina Mills (disused)
	Pevensy	Pevensy Beach
	Plymouth	Millbay, Plymouth, Stonehouse
	Poole	Poole
	Portsmouth Harbour Wharves	Fareham, Gosport, LRA Tipner, LRA Upper Wharf, Portsmouth
	Shoreham Harbour Wharves	Hanson/ARC Shoreham, Hall's Wharf, Heidelberg Portslade, Kendall's Wharf Shoreham, Portslade, Cemex/SCS Shoreham, Shoreham, Shoreham Ferry Wharf, TMD/UMD Shoreham
	Southampton Wharves	Burnley Wharf, Dibbles Wharf, Eling Wharf, JP Marks, JPM Super Wool, Leamouth, LRA Marchwood, Marchwood, Cemex/SCS Southampton, Southampton, Southampton (Fawley), Spitfire Wharf, Totton, TMD/UMD Burnley Wharf, Woolston
	Southsea	Southsea

Region	Landing Port (Standard Name)	Wharves/Alternative Names
Channel Islands	Guernsey	Guernsey, St Sampson
South West	Appledore	Appledore, Appledore Evans, Bidna
	Avonmouth	Avonmouth, BCA Avonmouth, Cemex/BDL Avonmouth, Hanson Avonmouth, Remix Avonmouth, TMD/UMD Avonmouth
	Barnstaple	Barnstaple
	Barry	Barry
	Bridgwater	Bridgwater, Dunball Wharf
	Briton Ferry	Briton Ferry, Cemex Briton Ferry, Giant's Wharf, Hanson Briton Ferry, Ironworks, Riverside Wharf, Tarmac Briton Ferry
	Burry Port	Burry Port
	Cardiff	Cardiff, TMD Cardiff, Cemex Cardiff, Hanson Cardiff, Empire Wharf, Roath Dock
	Hinkley	Hinkley Jetty
	Newport, Wales	Alexandra Dock, Hanson/ARC Newport, East Bank/Ferry Terminal, Eastern Wharf, Newport, Newport (Wales), Newport 2
	Pembroke	Pembroke
	Port Talbot	Port Talbot
Swansea	Prince of Wales Dock, Cemex/BDL Swansea, Swansea	
Yelland	Yelland	
North West	Barrow	Barrow
	Eastham	Eastham
	Glasson	Glasson
	Heysham	Heysham
	Liverpool Wharves	Albert Dock, Birkenhead, Bramley Moore Dock, Garston, Liverpool, Mersey Wharf, Mostyn
	Penrhyn	Penrhyn
Northern Ireland	Belfast	Belfast
Continental Europe	Amsterdam	Amsterdam, Amsterdam AGM, Amsterdam PAES, Hanson/CM/Hiedelberg Amsterdam, Steen Korrel
	Antwerp	Antwerp, Hanson/CM Antwerp, Kallo, Antwerp Sands
	Breskens	Breskens
	Boulogne	Boulogne, Boulogne-sur-mer
	Bruges	Alzagri, Bruges, Brugge, Hanson/CM Brugge
	Caen	Caen
	Calais	Calais
	Dieppe	Dieppe
	Dunkirk	Hanson/CM Dunkirk Sand, Dunkerque, Dunkirk, Dunkirk Gravel, Dunkirk Sand, Mardycq
	Fecamp	Fecamp, Fecamp Mercier
	Flushing	Flushing, Vlissingen
	Gent	Gent, Kluizendok
	Harlingen	Harlingen
	Honfleur	Honfleur
	Ijmuiden	Ijmuiden
	Le Havre	Le Havre, Treguier
	Le Treport	Le Treport
	Moerdijk	Moerdijk
	Nieuwpoort	Nieuwpoort
	Ostend	Ostend, Ostend ISG
	River Seine Wharves	Lillebonne, Rouen, St Wandrille, Vatteville, Vattewille-la-Rue
	River Somme Wharves	Vattier
	Roscoff	Roscoff
	Rotterdam	De Hoop Rotterdam, Europoort, Rotterdam, Schiemonnd
	Sluiskil	NL Sluiskil, Sluiskil
	Terneuzen	Terneuzen
	Thyboron	Thyboron
Zeebrugge	Zeebrugge, Zeebrugge DVSII, Zeebrugge Hanson	