

MARINE AGGREGATES

THE CROWN ESTATE LICENCES

SUMMARY OF STATISTICS 2006

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NC Non confidential

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 are dredged materials removed purely for navigational reasons and dumped.
2. All the statistics relate to royalty returns for the 2006 calendar year.
3. All permitted and actual extraction figures are expressed in metric tonnes. A conversion factor of 1.73 and 1.66 as appropriate for aggregate, and 1.5 for sand, has been applied where necessary to convert cubic metres to metric tonnes.
4. The regional landing port 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.

SUMMARY 2006

1 REGIONAL DREDGING STATISTICS

Licences to Dredge Marine Minerals

Dredging Area	Permitted Removal	Aggregates	Rivers and Miscellaneous	Contract Fill	Beach Nourishment	Total Removal
Humber	4,650,000	3,521,737	0	1,331	948,105	4,471,173
East Coast	12,200,000	8,006,736	0	0	0	8,006,736
Thames	2,950,000	899,852	0	548,426	146,733	1,595,011
East English Channel	6,490,000	323,824	0	0	15,076	338,900
South	11,125,000	5,127,989	0	0	2,485,521	7,613,510
South West	2,616,000	1,545,275	0	0	0	1,545,275
North West	1,384,999	608,314	111,687	0	0	720,001
Total	41,415,999	20,033,727	111,687	549,757	3,595,435	24,290,606

2 LANDING PORT STATISTICS

AGGREGATES *¹

Humber	1,406,372
East Coast	148,859
Thames Estuary	6,712,548
East English Channel	397,540
South Coast	2,499,531
South West Coast	1,571,436
North West Coast	694,469
Exports	6,714,659

Aggregates Total **20,145,414**

Contract Fill and Beach Nourishment **4,145,192**

TOTAL LANDED **24,290,606**

3 NATIONAL AGGREGATES LANDING STATISTICS *¹

England	12,441,768
Wales	988,987
Belgium	2,018,408
France	647,896
Holland	4,048,355

Aggregates Total **20,145,414**

*¹ Includes Rivers and Miscellaneous Tonnages

SUMMARY OF PORT STATISTICS FOR
MARINE DREDGED AGGREGATES - 2006

LANDING PORTS

TONNAGES

HUMBER

Gateshead	254,365
Hull	296,947
Jarrow	265,521
Tees	423,403
Tyne	166,136
	<u>1,406,372</u>

SUMMARY OF PORT STATISTICS FOR
MARINE DREDGED AGGREGATES - 2006

LANDING PORTS	TONNAGES
EAST COAST	
Ipswich	148,859
	<u>148,859</u>

SUMMARY OF PORT STATISTICS FOR
MARINE DREDGED AGGREGATES - 2006

LANDING PORTS

TONNAGES

THAMES ESTUARY

Angerstein	723,373
Cliffe	973,484
Dagenham	859,592
Denton	282,770
Erith	194,674
Greenhithe	363,276
Greenwich	1,368,934
Northfleet	768,591
Purfleet	287,422
Ridham	208,044
Rochester	435,309
Thurrock	247,079
	<u>6,712,548</u>

SUMMARY OF PORT STATISTICS FOR
MARINE DREDGED AGGREGATES - 2006

LANDING PORTS

TONNAGES

EAST ENGLISH CHANNEL

Dover	195,309
Newhaven	202,231

	397,540

SUMMARY OF PORT STATISTICS FOR
MARINE DREDGED AGGREGATES - 2006

LANDING PORTS

TONNAGES

SOUTH COAST

Bedhampton	212,768
Cowes	148,290
Fareham	22,593
Langstone	164,819
Poole	48,180
Portsmouth	210,650
Shoreham	768,196
Southampton	834,453
Woolston	89,582

2,499,531

SUMMARY OF PORT STATISTICS FOR
MARINE DREDGED AGGREGATES - 2006

LANDING PORTS

TONNAGES

SOUTH WEST COAST

Appledore	70,172
Avonmouth	506,086
Bridgwater	52,282
Briton Ferry	176,805
Burry Port	119,360
Cardiff	311,009
Newport	196,503
Pembroke	54,034
Port Talbot	10,626
Swansea	74,559

	1,571,436

SUMMARY OF PORT STATISTICS FOR
MARINE DREDGED AGGREGATES - 2006

LANDING PORTS

TONNAGES

NORTH WEST COAST

Barrow	22,321
Eastham	111,687
Glasson	2,470
Heysham	138,088
Liverpool	373,812
Penrhyn	46,091

694,469

SUMMARY OF PORT STATISTICS FOR
MARINE DREDGED AGGREGATES - 2006

LANDING PORTS

TONNAGES

EXPORTS

Amsterdam	1,971,223
Antwerp	562,970
Brugge	520,194
Calais	139,429
Dudzele	6,645
Dunkirk	343,048
Fecamp	30,023
Flushing	1,017,461
Gent	6,444
Harlingen	455,555
Honfleur	96,493
Nieupoort	1,444
Ostend	616,067
Roscoff	38,903
Rotterdam	447,060
Sluiskil	77,123
Steen Korrel	79,933
Zeebrugge	304,644

	6,714,659

SUMMARY OF PORT STATISTICS FOR
MARINE DREDGED AGGREGATES - 2006

LANDING PORTS

TONNAGES

CONTRACT FILL/BEACH NOURISHMENT

Bournemouth	1,505,000
Guernsey	1,331
Poole	672,000
Pevensey Bay	30,712
Rochester Riverside	548,426
Skegness (Lincshore)	948,105
Southwold	146,733
Swanage	143,592
Whitstable	149,293

4,145,192

SUMMARY OF NATIONAL LANDING
STATISTICS FOR MARINE DREDGED
AGGREGATES - 2006

LANDING PORTS

TONNAGES

ENGLAND

Angerstein	723,373
Appledore	70,172
Avonmouth	506,086
Barrow	22,321
Bedhampton	212,768
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Tyne	166,136
Woolston	89,582

12,441,768

SUMMARY OF NATIONAL LANDING
STATISTICS FOR MARINE DREDGED
AGGREGATES - 2006

WALES

Briton Ferry	176,805
Burry Port	119,360
Cardiff	311,009
Newport	196,503
Pembroke	54,034
Penrhyn	46,091
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Swansea	74,559

988,987

BELGIUM

Antwerp	562,970
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FRANCE

Calais	139,429
Dunkirk	343,048
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Honfleur	96,493
Roscoff	38,903

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HOLLAND

Amsterdam	1,971,223
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TOTAL 20,145,414