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# **Chapter 2**

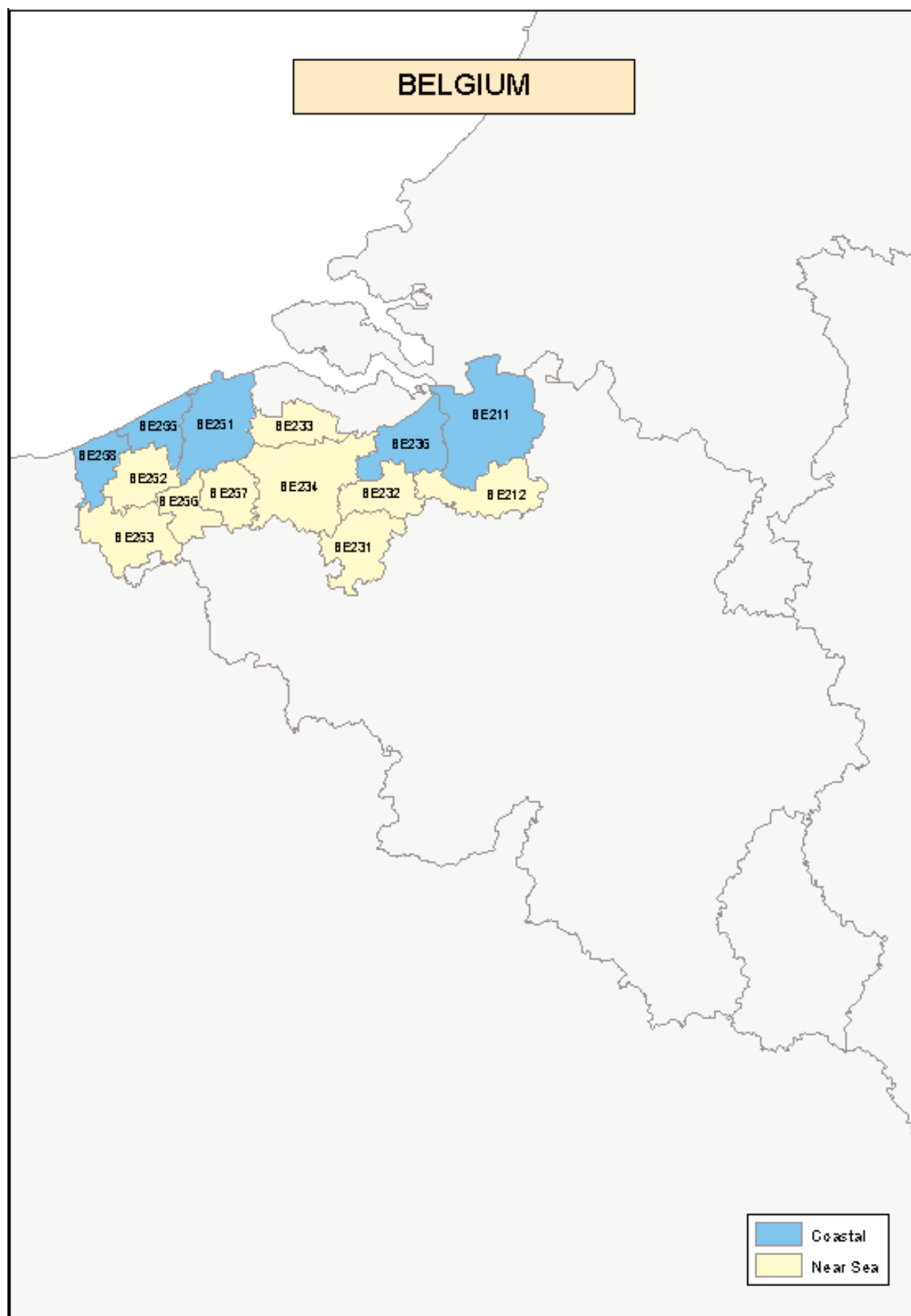
## **Coastal and sea area profiles by country**

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### 3.1 Belgium



### General figures

- Belgium's coastline is 307 km in length, accounting for 0.2% of the total coastline length of the EU-22 coastal Member States. The country has a single coastal region which borders the North Sea and covers a surface of 6 815 km<sup>2</sup> (22.3% of the country's surface). The coastal zone of Belgium (within a range of 10 km from the coast) covers 1 920 km<sup>2</sup>, or 0.5% of the total EU-22 coastal area.
- As of 2005, 3.4 million people – 32.4% of the country's population – lived in the Belgian coastal region. The population density in the coastal area is 509 inhabitants per km<sup>2</sup>. This population density is five times the corresponding EU value and 4.7 times the average population density of the EU-22 coastal Member States.
- The coastal region is a key region for the economic development of Belgium: in 2005 it produced EUR 88.98 billion in gross value added which was equal to 33.1% of the country's annual total gross value added. This value stands at 2.1% of the total value added produced by all the coastal regions of the EU-22 coastal Member States and 0.9% of the value added produced throughout the EU-22.
- The Belgian coastal area is responsible for 32.9% of the total employment in the country. As of 2004, 1 371 million people were employed in this area, a workforce representing 2% of the total employment in the EU-22 coastal areas, or 0.7% of the total employment registered in the EU-22 coastal Member States.
- Belgium protects 200 km<sup>2</sup> of marine sea areas (2007 data) which represents 0.3% of the total surface of protected marine sea areas in the EU-22 coastal Member States. Belgium has 40 sea-water bathing areas of which 22.5% are complying with the guide values on water quality, 72.5% complies with the mandatory values and the remaining 5% of these areas are not complying with any of these values.

### Significant Economic Activities

- The GDP per inhabitant in Belgium's coastal region was EUR 29 432 € (2005 prices). This annual income was 21.1% superior to the average GDP per coastal inhabitant in all the EU-22 coastal Member States.
- About 11% of the country's unemployed population are registered in the country's coastal region. The 42 000 people who are unemployed in the Belgian coastal region represent 0.9% of the total unemployment in the EU-22 coastal regions.
- Tourism employs 8 900 people while in 2005 the country's coast hosted some 17.3 million day visitors<sup>(1)</sup>. 735 hotel units (2006 data) operate in the Belgian coastal region, representing 37.6% of the total number of hotel units in Belgium. This hotel number also stands at 0.8% of the total hotel units operating in the EU-22 coastal regions, or 0.4% of the total hotel units throughout the EU-22 coastal Member States.
- Fishing is a minor economic activity in Belgium. The sector employs only 481 persons (2005 data) or 0.2% of the total employment in the EU's-22 fishing sector. The production in 2006 amounted to 22 519 tonnes - equal to 0.5% of the total marine animal production in the EU-22 coastal Member States - with its total caught in North-East Atlantic.

<sup>1)</sup> Source: European Commission-Maritime Affairs. Facts & figures on maritime Europe (available at : [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html))

- Ports and the related port cluster are of vital importance for the Belgian economy. The port of Antwerp is the second biggest in the EU in terms of cargo volume handled and also is the third biggest container port. The port sector is the largest employer among all the maritime activities in Belgium as it employs 29 594 people<sup>(2)</sup>. In 2006 passenger traffic in Belgian ports reached 891 000 passengers. Belgian ports handled 216 048 million tonnes of maritime goods, an amount equal to 6.2% of the total maritime goods handled in all the EU ports. The inwards/outwards ratio is about 4:3. The country's main ports are Antwerp (for cargo traffic), Zeebrugge (cargo traffic) and Oostende (passenger traffic).
- In 2005 the value of the country's imports stood at EUR 50.36 billion and that of exports at EUR 33.1 billion.
- Agriculture provides 1.2% of the coastal regions' gross value added. According to 2005 data, the added value is EUR 1.1 billion, representing 43.9% of the national gross added value produced from agriculture activities, or 1.1% of the corresponding EU-22 coastal regions value. The proportion of arable land is 68.1% and the livestock density is 139 units per holding. This latter density figure represents the second largest in EU-22 coastal Member States (after Denmark) and is more than 4.5 times higher than the average value in all the coastal areas of the EU-22 coastal Member States.

<sup>(2)</sup> Source: European Commission-Maritime Affairs. Facts & figures on maritime Europe (available at : [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html))

## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Belgium	EU	Belgium	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2005	6 815	1 772 738	30 528	4 094 386
	% of National	2005	22.3	-	100	-
	% of EU coast	2005	0.4	100	-	-
	% of EU-22	2005	0.2	43.3	0.7	100
Length of coasts <sup>(2)</sup>	km		-	-	307	136 106
	% of EU-22		-	-	0.2	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	1920	416446
	% of EU-22		-	-	0.5	100
Population <sup>(1)</sup>	1000 Inhab.	2005	3 397	199 015	10 479	457 589
	% of National	2005	32.4	-	100	-
	% of EU coast	2005	1.7	100	-	-
	% of EU-22	2005	0.7	43.5	2.3	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			Belgium	EU	Belgium	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km <sup>2</sup>	2005	509	100	346	108
Crude Birth rate <sup>(3)</sup>	1000 Inhab.	2005	10.2	11.0	11.3	10.4
Crude Death rate <sup>(3)</sup>	1000 Inhab.	2005	9.4	9.5	9.9	9.7

(3) Source: Eurostat (Regio)

### • Economics

	Unit	Year	Coastal regions		All regions	
			Belgium	EU	Belgium	EU having sea coasts
GDP at current market prices	€/inhab	2005	29 432	24 294	28 830	22 984
	Index	2005	128.1	105.7	125.4	100
Gross value added at basic prices	Mio €	2005	88 973	4 200 194	269 027	9 383 477
	% of National	2005	33.1	-	100	-
	% of EU coast	2005	2.1	100	-	-
	% of EU-22	2005	0.9	44.8	2.9	100
Gross value added in agriculture sector	Mio €	2005	1 098	103 792	2 504	200 011
	% of total GVA	2005	1.2	2.5	0.9	2.1
	% of National	2005	43.9	-	100	-
	% of EU coast	2005	1.1	100	-	-

## Chapter 2 - Coastal and sea area profiles - Belgium

	Unit	Year	Coastal regions		All regions	
			Belgium	EU	Belgium	EU having sea coasts
Gross value added in industry sector	Mio €	2005	25 135	1 042 638	64 733	2 492 759
	% of total GVA	2005	28.3	24.8	24.1	26.6
	% of National	2005	38.8	-	100	-
	% of EU coast	2005	2.4	100	-	-
	% of EU-22	2005	1.0	41.8	2.6	100
Gross value added in service sector	Mio €	2005	62 740	3 053 764	201 790	6 690 707
	% of total GVA	2005	70.5	72.7	75.0	71.3
	% of National	2005	31.1	-	100	-
	% of EU coast	2005	2.1	100	-	-
	% of EU-22	2005	0.9	45.6	3.0	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			Belgium	EU	Belgium	EU having sea coasts
Employment	1000 persons	2004	1 371	67 012	4 172	188 779
	% of National	2004	32.9	-	100	-
	% of EU coast	2004	2.0	100	-	-
	% of EU-22	2004	0.7	35.5	2.2	100
Unemployment - Men between 15 and 24 years	1000 persons	2006	3	571	45	2 355
	% of National	2006	7.0	-	100	-
	% of EU coast	2006	0.6	100	-	-
	% of EU-22	2006	0.1	24.2	1.9	100
Unemployment - Men aged 25 years and over	1000 persons	2006	19	1 736	146	6 858
	% of National	2006	13.1	-	100	-
	% of EU coast	2006	1.1	100	-	-
	% of EU-22	2006	0.3	25.3	2.1	100
Unemployment - Women between 15 and 24 years	1000 persons	2006	3	525	45	2 043
	% of National	2006	6.4	-	100	-
	% of EU coast	2006	0.6	100	-	-
	% of EU-22	2006	0.1	25.7	2.2	100
Unemployment - Women aged 25 years and over	1000 persons	2006	17	1 822	147	6 765
	% of National	2006	11.6	-	100	-
	% of EU coast	2006	0.9	100	-	-
	% of EU-22	2006	0.3	26.9	2.2	100

Source: Eurostat (Regio)

### • Agriculture

	Unit	Year	Coastal regions		All regions	
			Belgium	EU	Belgium	EU having sea coasts
Agricultural area	1000 ha	2005	361	42 976	1 386	138 246
	% of National	2005	26.1	-	100	-
	% of EU coast	2005	0.8	100	-	-
	% of EU-22	2005	0.3	31.1	1.0	100
Proportion of arable land	%	2005	68.1	51.5	61.0	60.2
Livestock density per holding	Livestock Unit	2005	139	30	119	17
Standard gross margin	Per holding	2005	69	15	66	11
Standard gross margin	Per Annual Working Unit	2005	47	17	49	12

Source: Eurostat (Regio)

### • Tourism

	Unit	Year	Coastal regions		All regions	
			Belgium	EU	Belgium	EU having sea coasts
Number of hotels	Unit	2006	735	95 928	1 955	179 346
	% of National	2006	37.6	-	100	-
	% of EU coast	2006	0.8	100	-	-
	% of EU-22	2006	0.4	53.5	1.1	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • Enterprise statistics

	NACE	Unit	Year	National level	EU having sea coasts
Labour cost per employee FTE	Building and repairing of ships	1000 €	2005	44.5	42.7
	Building and repairing of pleasure and sporting boats	1000 €	2005	39.2	32.4

Source: Eurostat (Structural business statistics)



### • External trade by sea

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	79 976	1 398 482	
		% of EU-22	2005	5.7	100	
	Extra Eu25	1000 tonnes	2005	61 237	1 177 573	
		% of EU-22	2005	5.2	100	
	North American Countries	1000 tonnes	2005	8 110	77 094	
		% of EU-22	2005	10.5	100	
	Asia	1000 tonnes	2005	8 363	248 886	
		% of EU-22	2005	3.4	100	
	Africa	1000 tonnes	2005	13 357	247 201	
		% of EU-22	2005	5.4	100	
	South American Countries	1000 tonnes	2005	12 439	168 673	
		% of EU-22	2005	7.4	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	43 360	567 528
			% of EU-22	2005	7.6	100
Extra Eu25		1000 tonnes	2005	24 833	334 751	
		% of EU-22	2005	7.4	100	
North American Countries		1000 tonnes	2005	5 613	94 400	
		% of EU-22	2005	5.9	100	
Asia		1000 tonnes	2005	6 773	88 604	
		% of EU-22	2005	7.6	100	
Africa		1000 tonnes	2005	3 502	57 663	
		% of EU-22	2005	6.1	100	
South American Countries		1000 tonnes	2005	1 273	12 324	
		% of EU-22	2005	10.3	100	
Imports in Mio €		World	Mio €	2005	50 352	736 181
			% of EU-22	2005	6.8	100
	Extra Eu25	Mio €	2005	35 445	549 798	
		% of EU-22	2005	6.4	100	
	North American Countries	Mio €	2005	6 743	52 363	
		% of EU-22	2005	12.9	100	
	Asia	Mio €	2005	14 440	242 659	
		% of EU-22	2005	6.0	100	
	Africa	Mio €	2005	4 125	72 241	
		% of EU-22	2005	5.7	100	
	South American Countries	Mio €	2005	2 807	38 969	
		% of EU-22	2005	7.2	100	

## Chapter 2 - Coastal and sea area profiles - Belgium

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Exports in Mio €	World	Mio €	2005	33 094	660 870	
		% of EU-22	2005	5.0	100	
	Extra Eu25	Mio €	2005	19 777	450 086	
		% of EU-22	2005	4.4	100	
	North American Countries	Mio €	2005	5 478	138 560	
		% of EU-22	2005	4.0	100	
	Asia	Mio €	2005	6 378	147 497	
		% of EU-22	2005	4.3	100	
	Africa	Mio €	2005	2 538	54 327	
		% of EU-22	2005	4.7	100	
	South American Countries	Mio €	2005	1 180	20 219	
		% of EU-22	2005	5.8	100	
	Share of Imports (1000 tonnes)	World	%	2005	64.8	71.1
		Extra Eu25	%	2005	71.1	77.9
North American Countries		%	2005	59.1	45.0	
Asia		%	2005	55.3	73.7	
Africa		%	2005	79.2	81.1	
South American Countries		%	2005	90.7	93.2	
Share of Exports (1000 tonnes)	World	%	2005	35.2	28.9	
	Extra Eu25	%	2005	28.9	22.1	
	North American Countries	%	2005	40.9	55.0	
	Asia	%	2005	44.7	26.3	
	Africa	%	2005	20.8	18.9	
	South American Countries	%	2005	9.3	6.8	
Share of Imports (Mio €)	World	%	2005	60.3	52.7	
	Extra Eu25	%	2005	64.2	55.0	
	North American Countries	%	2005	55.2	27.4	
	Asia	%	2005	69.4	62.2	
	Africa	%	2005	61.9	57.1	
	South American Countries	%	2005	70.4	65.8	
Share of Exports (Mio €)	World	%	2005	39.7	47.3	
	Extra Eu25	%	2005	35.8	45.0	
	North American Countries	%	2005	44.8	72.6	
	Asia	%	2005	30.6	37.8	
	Africa	%	2005	38.1	42.9	
	South American Countries	%	2005	29.6	34.2	

Source: Eurostat (Comext)

### • Fisheries

		Unit	Year	National level	EU having sea coasts
Catches by fishing area	Marine animals (tonnes) for All fishing areas	Tonnes	2006	22 519	4 824 389
		% of EU-22	2006	0.5	100
	Mediterranean and Black Sea	Tonnes	2006	22 519	3 094 110
		% of EU-22	2006	0.6	100
Employment in the fishery sector	Fishing (Total)	Persons	2006	481	234 551
		% of EU-22	2006	0.2	100
	Fishing - Marine (Coastal)	Persons	2006	166	29 997
		% of EU-22	2006	0.6	100
	Fishing - Marine (Deep-sea)	Persons	2006	315	9 067
		% of EU-22	2006	3.3	100

Source: Eurostat (Agriculture and fisheries)

### • Research Development

		Unit	Year	National level	EU having sea coasts
Patent application to the EPO	Ships or other waterborne vessels; related equipment	Per kilo of Inhab	2004	0.128	0.288

Source: Eurostat (Science and Technology (Patent))

### • Environment

		Unit	Year	National level	EU having sea coasts
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	40	14 346
	Areas complying with guide values	Value	2006	9	12 680
	Areas complying with mandatory values	Value	2006	29	1 112
	Areas not complying with mandatory values	Value	2006	2	217
	Areas not sufficiently sampled or data not available	Value	2006	0	57
	Areas where bathing was prohibited	Value	2006	0	279

## Chapter 2 - Coastal and sea area profiles - Belgium

		Unit	Year	National level	EU having sea coasts
Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0	100.0
	Areas complying with guide values	%	2006	22.5	77.5
	Areas complying with mandatory values	%	2006	72.5	19.1
	Areas not complying with mandatory values	%	2006	5.0	2.8
	Areas not sufficiently sampled or data not available	%	2006	0.0	0.1
	Areas where bathing was prohibited	%	2006	0.0	0.5
Protected marine area <sup>(2)</sup>		km <sup>2</sup>	2007	200	78 282
		% of EU-22	2007	0.3	100

(1) Source: Eurostat (Environment)

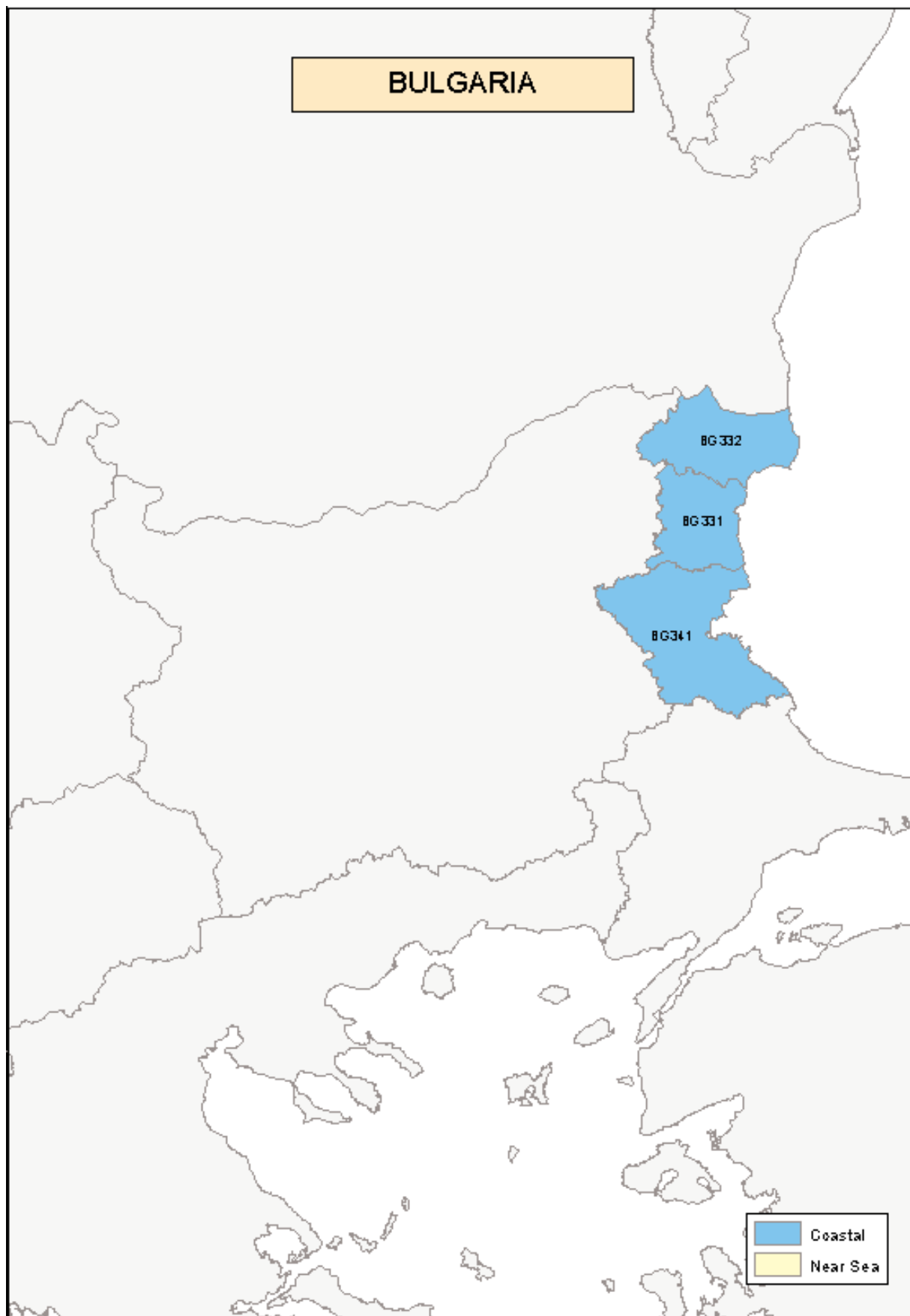
(2) Source: DG ENV

### • Ports activity

		Unit	Year	National level	EU having sea coasts
Maritime transport - Number of passengers	Total	1000 passengers	2006	891	397 550
		% of EU-22	2006	0.2	100
	Inwards	1000 passengers	2006	445	199 384
		% of EU-22	2006	0.2	100
	Outwards	1000 passengers	2006	446	198 164
		% of EU-22	2006	0.2	100
Maritime goods transports in weight between Maritime Coastal Area	Total	1000 tonnes	2006	216 048	3 512 401
		% of EU-22	2006	6.2	100
	Inwards	1000 tonnes	2006	123 622	2 350 247
		% of EU-22	2006	5.3	100
	Outwards	1000 tonnes	2006	92 751	1 350 770
		% of EU-22	2006	6.9	100

Source: Eurostat (Transport)

### 3.2 Bulgaria



### General figures

- Bulgaria's coastline is 501 km in length and represents 0.4% of the total coastline length of the EU-22 coastal Member States. The country has a single coastal region which borders the Black Sea and covers an area of 16 287 km<sup>2</sup>. The coastal zone (within a range of 10 km from the coast) covers an area of 2 950 km<sup>2</sup>, representing 0.7% of the EU's-22 coastal zone.
- As of 2005, 1.08 million people - 14% of the country's total population - lived in the Bulgarian coastal region. This population is equal to 0.5% of the total population in the EU's-22 coastal regions. The population density in the coastal region in 2005 was 67 inhabitants per km<sup>2</sup>. This density stands 38% lower than the average density observed in the EU-22 coastal Member States.
- Bulgaria's coastal region is responsible for 14% of the nation's gross value added (2005 data). In absolute terms, the coastal region produced EUR 2.53 billion of gross value added, which was 0.1% of the total value added produced in all the EU-22 coastal regions.
- The coastal region provides 430 000 jobs to the country's economy, a number representing a share of 13.3% of the total employment in Bulgaria. This employment also stands at 0.6% of the total employment in the coastal regions of the EU-22 coastal Member States and at 0.2% of the total employment in the EU-22.

### Significant Economic Activities

- The GDP per inhabitant in Bulgaria's coastal region is EUR 2 842 € (2005 prices). This income is 88.3% lower than the average GDP per inhabitant in the coastal regions of the EU, and 87.6% lower than the average corresponding value in the EU-22 coastal Member States.
- The country's coastal region hosts 15.7% of the country's unemployed population. In absolute numbers this corresponds to 48 000 persons (2006 data).
- The coastal region hosts half (49.9%) of the country's hotel units. About 672 hotels are located in the coastal region (2006 data), representing 0.7% of the total hotel units in the coastal regions of the EU-22 and the 0.4% of the total hotel units throughout the EU-22 coastal Member States.
- Fishing is clearly not an important sector for Bulgaria's coastal region as it produced only 5 629 tonnes of marine animals in 2006. This production represented 1% of the total marine animals caught in the EU. The fishing areas for Bulgaria include the Mediterranean Sea and the Black Sea.
- The Bulgarian port industry plays an important role in the country's economy as it facilitates Bulgaria's external trade. In 2006 the Bulgarian ports handled about 15 000 passengers. At the same time they handled 27.5 million tonnes of maritime goods with an inwards/outwards ratio being about 3:2. The goods handled by the country's ports represented 0.7% of the total throughput of the EU ports.
- Agriculture is an important economic activity for Bulgaria's coastal region, as it produces 8.7% of the coastal regions gross added value. This added value is EUR 220 million (2005 data) and stands at the 0.2% of the total added value generated by the agriculture sector in the coastal regions of the EU-22. The proportion of the arable land stands at 96.3% and represents 1.4% of the total EU-22 coastal area that is used for agriculture. The livestock density of 3 units per holding is 90% lower than the corresponding density in the EU's coastal regions and 82.4% lower than the average livestock density in the EU-22 coastal Member States.

## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Bulgaria	EU	Bulgaria	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2005	16 287	1 772 738	111 002	4 094 386
	% of National	2005	14.7	-	100	-
	% of EU coast	2005	0.9	100	-	-
	% of EU-22	2005	0.4	43.3	2.7	100
Length of coasts <sup>(2)</sup>	km		-	-	501	136 106
	% of EU-22		-	-	0.4	100
Area of 10 kmoastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	2950	416446
	% of EU-22		-	-	0.7	100
Population <sup>(1)</sup>	1000 Inhab.	2005	1 083	199 015	7 740	457 589
	% of National	2005	14.0	-	100	-
	% of EU coast	2005	0.5	100	-	-
	% of EU-22	2005	0.2	43.5	1.7	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			Bulgaria	EU	Bulgaria	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km <sup>2</sup>	2005	67	100	70	108

(3) Source: Eurostat (Regio)

### • Economics

	Unit	Year	Coastal regions		All regions	
			Bulgaria	EU	Bulgaria	EU having sea coasts
GDP at current market prices	€/inhab	2005	2 842	24 294	2 835	22 984
	Index	2005	12.4	105.7	12.3	100
Gross value added at basic prices	Mio €	2005	2 526	4 200 194	18 008	9 383 477
	% of National	2005	14.0	-	100	-
	% of EU coast	2005	0.1	100	-	-
	% of EU-22	2005	0.0	44.8	0.2	100
Gross value added in agriculture sector	Mio €	2005	220	103 792	1 699	200 011
	% of total GVA	2005	8.7	2.5	9.4	2.1
	% of National	2005	13.0	-	100	-
	% of EU coast	2005	0.2	100	-	-
	% of EU-22	2005	0.1	51.0	0.0	100

## Chapter 2 - Coastal and sea area profiles - Bulgaria

	Unit	Year	Coastal regions		All regions	
			Bulgaria	EU	Bulgaria	EU having sea coasts
Gross value added in industry sector	Mio €	2005	769	1 042 638	5 289	2 492 759
	% of total GVA	2005	30.5	24.8	29.4	26.6
	% of National	2005	14.5	-	100	-
	% of EU coast	2005	0.1	100	-	-
	% of EU-22	2005	0.0	41.8	0.2	100
Gross value added in service sector	Mio €	2005	1 537	3 053 764	11 021	6 690 707
	% of total GVA	2005	60.8	72.7	61.2	71.3
	% of National	2005	13.9	-	100	-
	% of EU coast	2005	0.1	100	-	-
	% of EU-22	2005	0.0	45.6	0.2	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			Bulgaria	EU	Bulgaria	EU having sea coasts
Employment	1000 persons	2004	430	67 012	3 226	188 779
	% of National	2004	13.3	-	100	-
	% of EU coast	2004	0.6	100	-	-
	% of EU-22	2004	0.2	35.5	1.7	100
Unemployment - Men between 15 and 24 years	1000 persons	2006	7	571	31	2 355
	% of National	2006	23.2	-	100	-
	% of EU coast	2006	1.3	100	-	-
	% of EU-22	2006	0.3	24.2	1.3	100
Unemployment - Men aged 25 years and over	1000 persons	2006	15	1 736	125	6 858
	% of National	2006	11.6	-	100	-
	% of EU coast	2006	0.8	100	-	-
	% of EU-22	2006	0.2	25.3	1.8	100
Unemployment - Women between 15 and 24 years	1000 persons	2006	8	525	27	2 043
	% of National	2006	27.8	-	100	-
	% of EU coast	2006	1.4	100	-	-
	% of EU-22	2006	0.4	25.7	1.3	100
Unemployment - Women aged 25 years and over	1000 persons	2006	18	1 822	122	6 765
	% of National	2006	15.0	-	100	-
	% of EU coast	2006	1.0	100	-	-
	% of EU-22	2006	0.3	26.9	1.8	100

Source: Eurostat (Regio)



## • Agriculture

	Unit	Year	Coastal regions		All regions	
			Bulgaria	EU	Bulgaria	EU having sea coasts
Agricultural area	1000 ha	2005	610	42 976	2 729	138 246
	% of National	2005	22.4	-	100	-
	% of EU coast	2005	1.4	100	-	-
	% of EU-22	2005	0.4	31.1	2.0	100
Proportion of arable land	%	2005	96.3	51.5	92.4	60.2
Livestock density per holding	Livestock Unit	2005	3	30	2	17
Standard gross margin	Per holding	2005	3	15	2	11
Standard gross margin	Per Annual Working Unit	2005	3	17	1	12

Source: Eurostat (Regio)

## • Tourism

	Unit	Year	Coastal regions		All regions	
			Bulgaria	EU	Bulgaria	EU having sea coasts
Number of hotels	Unit	2006	672	95 928	1 348	179 346
	% of National	2006	49.9	-	100	-
	% of EU coast	2006	0.7	100	-	-
	% of EU-22	2006	0.4	53.5	0.8	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • Enterprise statistics

	NACE	Unit	Year	National level	EU having sea coasts
Labour cost per employee FTE	Building and repairing of ships	1000 €	2005	4.7	42.7
	Building and repairing of pleasure and sporting boats	1000 €	2005	2.8	32.4

Source: Eurostat (Structural business statistics)

### • Fisheries

		Unit	Year	National level	EU having sea coasts
Catches by fishing area	Marine animals (tonnes) for All fishing areas	Tonnes	2008	5 629	4 824 389
		% of EU-22	2008	0.1	100
	Mediterranean and Black Sea	Tonnes	2008	5 612	590 658
		% of EU-22	2008	1.0	100

Source: Eurostat (Agriculture and fisheries)

### • Research Development

		Unit	Year	National level	EU having sea coasts
Patent application to the EPO	Ships or other waterborne vessels; related equipment	Per 1000 of Inhab	2004	0.128	0.288

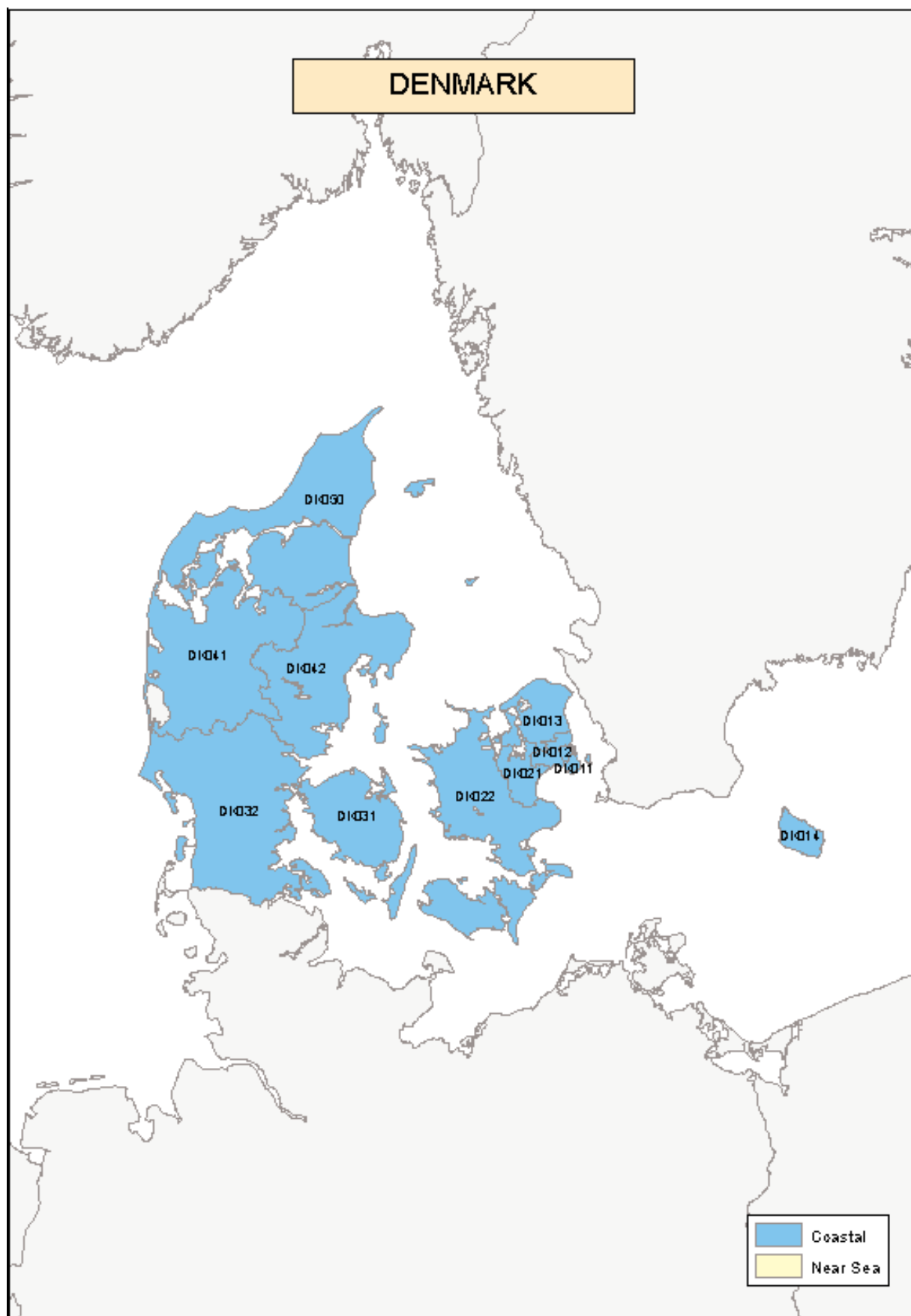
Source: Eurostat (Science and Technology (Patent))

### • Ports activity

		Unit	Year	National level	EU having sea coasts
Maritime transport - Number of passengers	Total	1000 passengers	2006	15	397 550
		% of EU-22	2006	0.0	100
	Inwards	1000 passengers	2006	10	199 384
		% of EU-22	2006	0.0	100
	Outwards	1000 passengers	2006	5	198 164
		% of EU-22	2006	0.0	100
Maritime goods transports in weight between Maritime Coastal Area	Total	1000 tonnes	2006	27 512	3 512 401
		% of EU-22	2006	0.8	100
	Inwards	1000 tonnes	2006	16 250	2 350 247
		% of EU-22	2006	0.7	100
	Outwards	1000 tonnes	2006	11 263	1 350 770
		% of EU-22	2006	0.8	100

Source: Eurostat (Transport)

### 3.3 Denmark



### General figures

- Denmark has a coastline of 7 259 km, equal to 5.3% of the total coastline length of the EU-22 coastal Member States. The country's coastal zone (within a range of 10 km from the coast) covers 25 648 km<sup>2</sup>, representing 6.2% of the corresponding EU's coastal area. With the majority of the Danish mainland being coastal (no point in the country is further than 50 km from the nearest sea or fjord) and the existence of many islands, the total surface of the country's coastal region is 42 881 km<sup>2</sup>.
- The country has two coastal regions, the Baltic Sea region which includes the eastern part of the country, and the North Sea region which includes the western part of the country. It is important to notify that the South Jutland region (DK032), which has a Baltic and North Sea coast, has been allocated to the North Sea in the study.
- In 2006, 5 339 million people lived in the coastal region of Denmark. The population density in the coastal region was 127 inhabitants per km<sup>2</sup>. This density is 27% higher than the average population density in the EU-22.
- Due to the peninsular characteristics of Denmark, the coastal regions are key economic development generators. The coastal region produces EUR 169.4 million in gross value added per year. Denmark's coastal region produces 4% of the total gross added value produced in the EU-22 coastal regions, or 1.8% of the total added value in all the EU-22 coastal Member States.
- Denmark protects 7 959 km<sup>2</sup> (2007 data) of marine sea areas. This surface represents 10.2% of the total protected marine sea areas in the EU-22, and is the third biggest protected marine sea area in the EU-22. Of the bathing sea areas, 84.2% complies with the guide values on water quality, 9.2% complies with the mandatory values while 5.8% of bathing sea areas are not complying with any values. There are also 8 bathing areas where bathing is prohibited (2006 data).

### Significant Economic Activities

- The GDP per inhabitant in Denmark is about EUR 28 500, an income which is 24% higher than the average GDP in the EU-22 coastal member states.
- The entire country being 'maritime', the country's coastal region provides nearly the entire labour force in Denmark. In absolute numbers, 234 000 employees live in the country's coastal region, a workforce which represents 0.3% of the corresponding workforce in the EU's-22 coastal regions.
- Tourism is the largest employer in Denmark, with 61 628 people working in tourism activities in coastal regions<sup>(1)</sup>. All the hotel units in Denmark are located in coastal areas. These 473 hotel units represent 0.5% of the total hotel units in the EU-22 coastal regions.
- The fishing sector employs 3 241 workers, equivalent to 1.2% of the total labour force of the EU-22 fishing sector (2005 data). In addition, 8 948 persons work in the fish processing industry. The country annual fish production is 866 857 tonnes (2006 data) caught mostly in the North-East Atlantic waters. This production is the largest one in the EU-22 coastal Member States and represents the 17.6% of the EU total.

<sup>(1)</sup> Employment data sources: European Commission, DG Fisheries and Maritime Affairs studies: "Employment trends in all sectors related to the sea or using sea resources" and "Employment in the fisheries sector" as reported in: [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html)

- Given Denmark's morphology, agricultural activities are taking place exclusively in the country's coastal region. Agriculture provides 1.6% of the coastal regions' gross value added. In total, EUR 2.66 billion (2005 data) of gross value added was produced by agriculture activities in Denmark's coastal region. This value is equal to 2.6% of the total value generated by agriculture activities in several EU-22 coastal regions.
- Arable land is just 0.6% of the total area used for agriculture in the EU's-22 coastal regions. Conversely, the livestock density is extremely high, as 202 units are counted per holding on average. This is the highest in the EU-22 coastal Member States and almost 12 times higher than the average.
- Denmark has more than 120 maritime ports<sup>(2)</sup>, the leading ports being Aalborg, Ensted (cargo traffic), Aarhus, Copenhagen and Esbjerg (cargo and passenger traffic). In 2006 Danish ports were used by 48 million passengers, that is 12.1% of the passenger traffic in all ports of the EU-22. The country's ports also handled 88 414 million tonnes of maritime goods (2.5% of the corresponding cargo throughout in EU's-22 ports) with an inwards/outwards ratio of 1:2.
- The value of Denmark's imports in 2005 was EUR 8.87 billion and that of exports was EUR 10.3 billion.

<sup>(2)</sup> Source: European Commission-Maritime Affairs. Facts & figures on maritime Europe (available at : [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html))

## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Denmark	EU	Denmark	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	42 881	1 772 768	43 098	4 095 998
	% of National	2006	99.5	-	100	-
	% of EU coast	2006	2.4	100	-	-
	% of EU-22	2006	1.0	43.3	1.1	100
Length of coasts <sup>(2)</sup>	km		-	-	7 259	136 106
	% of EU-22		-	-	5.3	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	25648	416446
	% of EU-22		-	-	6.2	100
Population <sup>(1)</sup>	1000 Inhab.	2006	5 339	199 353	5 437	458 036
	% of National	2006	98.2	-	100	-
	% of EU coast	2006	2.7	100	-	-
	% of EU-22	2006	1.2	43.5	1.2	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			Denmark	EU	Denmark	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km <sup>2</sup>	2005	127	100	126	108

(3) Source: Eurostat (Regio)

### • Economics

	Unit	Year	Coastal regions		All regions	
			Denmark	EU	Denmark	EU having sea coasts
Gross value added at basic prices	Mio €	2005	169 386	4 200 194	176 516	9 383 477
	% of National	2005	96.0	-	100	-
	% of EU coast	2005	4.0	100	-	-
	% of EU-22	2005	1.8	44.8	1.9	100
Gross value added in agriculture sector	Mio €	2005	2 659	103 792	2 659	200 011
	% of total GVA	2005	1.6	2.5	1.5	2.1
	% of National	2005	100	-	100	-
	% of EU coast	2005	2.6	100	-	-
	% of EU-22	2005	1.3	51.9	1.3	100

	Unit	Year	Coastal regions		All regions	
			Denmark	EU	Denmark	EU having sea coasts
Gross value added in industry sector	Mio €	2005	37 903	1 042 638	45 033	2 492 759
	% of total GVA	2005	22.4	24.8	25.5	26.6
	% of National	2005	84.2	-	100	-
	% of EU coast	2005	3.6	100	-	-
	% of EU-22	2005	1.5	41.8	1.8	100
Gross value added in service sector	Mio €	2005	128 824	3 053 764	128 824	6 690 707
	% of total GVA	2005	76.1	72.7	73.0	71.3
	% of National	2005	100.0	-	100	-
	% of EU coast	2005	4.2	100	-	-
	% of EU-22	2005	1.9	45.6	1.9	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			Denmark	EU	Denmark	EU having sea coasts
Employment	1000 persons	2004	234	67 012	2 751	188 779
	% of National	2004	8.5	-	100	-
	% of EU coast	2004	0.3	100	-	-
	% of EU-22	2004	0.1	35.5	1.5	100

Source: Eurostat (Regio)

### • Agriculture

	Unit	Year	Coastal regions		All regions	
			Denmark	EU	Denmark	EU having sea coasts
Agricultural area	1000 ha	2005	255	42 976	2 590	138 246
	% of National	2005	9.8	-	100	-
	% of EU coast	2005	0.6	100	-	-
	% of EU-22	2005	0.2	31.1	1.9	100
Proportion of arable land	%	2005	94.0	51.5	92.7	60.2
Livestock density per holding	Livestock Unit	2005	202	30	182	17
Standard gross margin	Per holding	2005	95	15	73	11
Standard gross margin	Per Annual Working Unit	2005	57	17	60	12

Source: Eurostat (Regio)

### • Tourism

	Unit	Year	Coastal regions		All regions	
			Denmark	EU	Denmark	EU having sea coasts
Number of hotels	Unit	2006	473	95 928	473	179 346
	% of National	2006	100	-	100	-
	% of EU coast	2006	0.5	100	-	-
	% of EU-22	2006	0.3	53.5	0.3	100

Source: Eurostat (Tourism)

## Coastal areas description

### • Demography

	Unit	Year	Danish coastal regions		
			Baltic Sea	North Sea	Total
Population density <sup>(1)</sup>	Inhab/km <sup>2</sup>	2005	74	137	127

(1) Source: Eurostat (Regio)

### • Economics

	Unit	Year	Danish coastal regions		
			Baltic Sea	North Sea	Total
Gross value added at basic prices	%	2005	4 2.7	5 7.3	100
Gross value added in agriculture sector	%	2005	1 5.5	8 4.5	100
Gross value added in industry sector	%	2005	3 1.7	6 8.3	100
Gross value added in service sector	%	2005	4 6.5	5 3.5	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Danish coastal regions		
			Baltic Sea	North Sea	Total
Employment	%	2004	8.1	91.9	100

Source: Eurostat (Regio)

### • Agriculture

	Unit	Year	Danish coastal regions		
			Baltic Sea	North Sea	Total
Agricultural area	%	2005	1 2.9	8 7.1	100
Proportion of arable land	%	2005	96.4	93.7	94.0
Livestock density per holding	Livestock Unit	2005	205	201	202
Standard gross margin	Per holding	2005	71	98	95
Standard gross margin	Per Annual Working Unit	2005	64	57	57

Source: Eurostat (Regio)

### • Tourism

	Unit	Year	Danish coastal regions		
			Baltic Sea	North Sea	Total
Number of hotels	%	2006	36.6	63.4	100

Source: Eurostat (Tourism)



## Relevant maritime activities

### • Enterprise statistics

	<i>NACE</i>	<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Labour cost per employee FTE	Building and repairing of ships	1000 €	2003	54.0	38.1
	Building and repairing of pleasure and sporting boats	1000 €	2003	42.7	29.4

Source: Eurostat (Structural business statistics)

### • External trade by sea

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	19 594	1 398 482	
		% of EU-22	2005	1.4	100	
	Extra Eu25	1000 tonnes	2005	19 594	1 177 573	
		% of EU-22	2005	1.7	100	
	North American Countries	1000 tonnes	2005	783	77 094	
		% of EU-22	2005	1.0	100	
	Asia	1000 tonnes	2005	1 482	248 886	
		% of EU-22	2005	0.6	100	
	Africa	1000 tonnes	2005	1 940	247 201	
		% of EU-22	2005	0.8	100	
	South American Countries	1000 tonnes	2005	3 417	168 673	
		% of EU-22	2005	2.0	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	6 700	567 528
			% of EU-22	2005	1.2	100
Extra Eu25		1000 tonnes	2005	6 700	334 751	
		% of EU-22	2005	2.0	100	
North American Countries		1000 tonnes	2005	2 329	94 400	
		% of EU-22	2005	2.5	100	
Asia		1000 tonnes	2005	1 529	88 604	
		% of EU-22	2005	1.7	100	
Africa		1000 tonnes	2005	208	57 663	
		% of EU-22	2005	0.4	100	
South American Countries		1000 tonnes	2005	71	12 324	
		% of EU-22	2005	0.6	100	

## Chapter 2 - Coastal and sea area profiles - Denmark

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in Mio €	World	Mio €	2005	8 865	736 181	
		% of EU-22	2005	1.2	100	
	Extra Eu25	Mio €	2005	8 865	549 798	
		% of EU-22	2005	1.6	100	
	North American Countries	Mio €	2005	769	52 363	
		% of EU-22	2005	1.5	100	
	Asia	Mio €	2005	2 195	242 659	
		% of EU-22	2005	0.9	100	
	Africa	Mio €	2005	210	72 241	
		% of EU-22	2005	0.3	100	
	South American Countries	Mio €	2005	685	38 969	
		% of EU-22	2005	1.8	100	
	Exports in Mio €	World	Mio €	2005	10 304	660 870
			% of EU-22	2005	1.6	100
Extra Eu25		Mio €	2005	10 304	450 086	
		% of EU-22	2005	2.3	100	
North American Countries		Mio €	2005	2 795	138 560	
		% of EU-22	2005	2.0	100	
Asia		Mio €	2005	3 225	147 497	
		% of EU-22	2005	2.2	100	
Africa		Mio €	2005	296	54 327	
		% of EU-22	2005	0.5	100	
South American Countries		Mio €	2005	217	20 219	
		% of EU-22	2005	1.1	100	
Share of Imports (1000 tonnes)		World	%	2005	74.5	71.1
		Extra Eu25	%	2005	74.5	77.9
	North American Countries	%	2005	25.2	45.0	
	Asia	%	2005	49.2	73.7	
	Africa	%	2005	90.3	81.1	
	South American Countries	%	2005	98.0	93.2	
	Share of Exports (1000 tonnes)	World	%	2005	25.5	28.9
Extra Eu25		%	2005	25.5	22.1	
North American Countries		%	2005	74.8	55.0	
Asia		%	2005	50.8	26.3	
Africa		%	2005	9.7	18.9	
South American Countries		%	2005	2.0	6.8	

## Chapter 2 - Coastal and sea area profiles - Denmark

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Share of Imports (Mio €)	World	%	2005	46.2	52.7
	Extra Eu25	%	2005	46.2	55.0
	North American Countries	%	2005	21.6	27.4
	Asia	%	2005	40.5	62.2
	Africa	%	2005	41.5	57.1
	South American Countries	%	2005	75.9	65.8
Share of Exports (Mio €)	World	%	2005	53.8	47.3
	Extra Eu25	%	2005	53.8	45.0
	North American Countries	%	2005	78.4	72.6
	Asia	%	2005	59.5	37.8
	Africa	%	2005	58.5	42.9
	South American Countries	%	2005	24.1	34.2

Source: Eurostat (Comext)

### • Fisheries

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Catches by fishing area	Marine animals (tonnes) for All fishing areas	Tonnes	2008	893 857	4 924 389
		% of EU-22	2008	17.8	100
	Of which: North-east Atlantic	Tonnes	2008	893 228	3 694 110
		% of EU-22	2008	23.4	100
Employment in the fishery sector	Fishing (Total)	Persons	2005	3 241	234 551
		% of EU-22	2005	1.3	100

Source: Eurostat (Agriculture and fisheries)

### • Research Development

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Patent application to the EPO	Ships or other waterborne vessels; related equipment	Per kilo of Inhab	2005	0.185	0.122

Source: Eurostat (Science and Technology (Patent))

### • Environment

		Unit	Year	National level	EU having sea coasts
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	1 147	14 346
	Areas complying with guide values	Value	2006	966	12 680
	Areas complying with mandatory values	Value	2006	106	1 112
	Areas not complying with mandatory values	Value	2006	67	217
	Areas not sufficiently sampled or data not available	Value	2006	0	57
	Areas where bathing was prohibited	Value	2006	8	279
Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0	100.0
	Areas complying with guide values	%	2006	84.2	77.5
	Areas complying with mandatory values	%	2006	9.2	19.1
	Areas not complying with mandatory values	%	2006	5.8	2.8
	Areas not sufficiently sampled or data not available	%	2006	0.0	0.1
	Areas where bathing was prohibited	%	2006	0.7	0.5
Protected marine area <sup>(2)</sup>		km <sup>2</sup>	2007	7 959	78 282
		% of EU-22	2007	10.2	100

(1) Source: Eurostat (Environment)

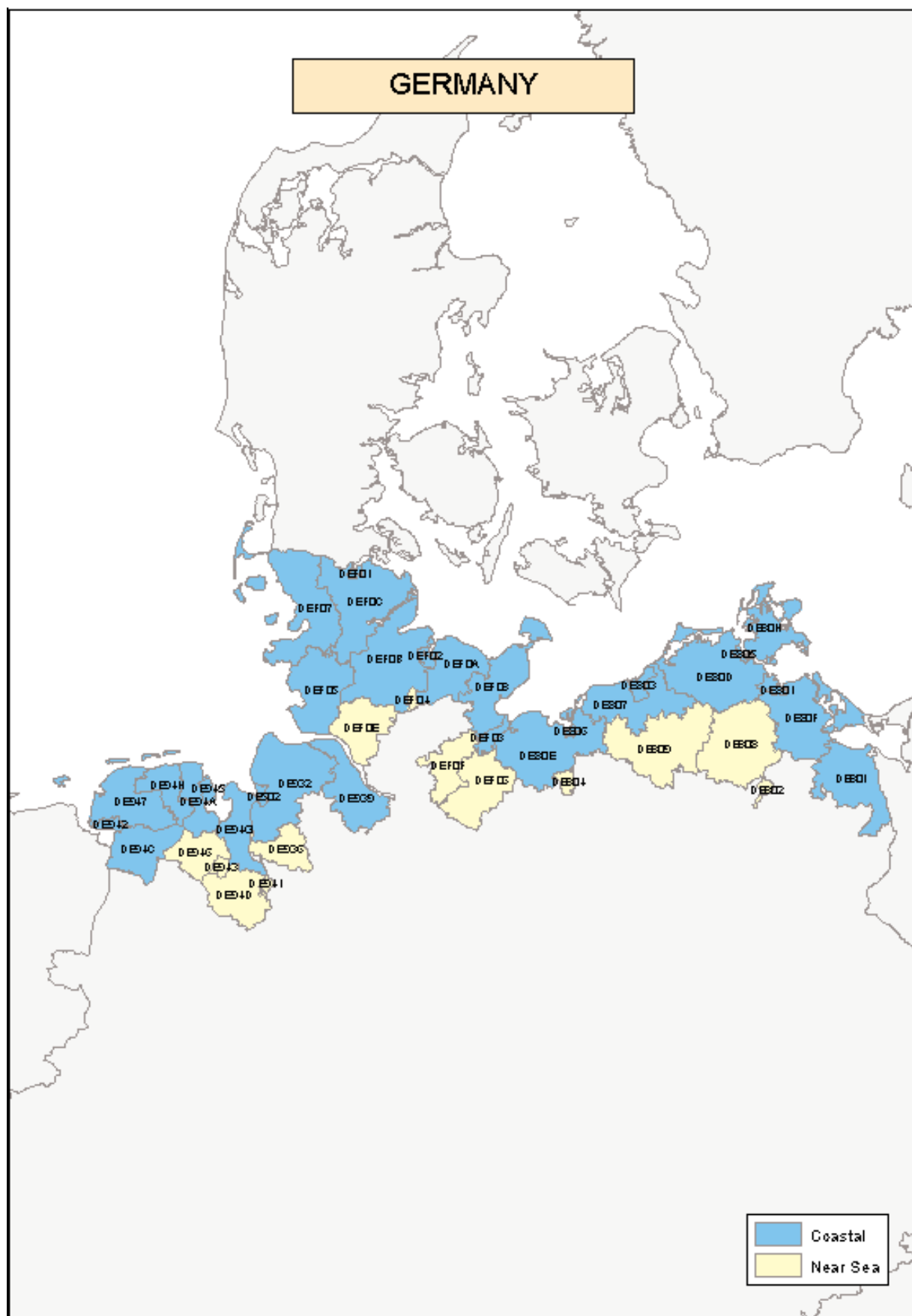
(2) Source: DG ENV

### • Ports activity

		Unit	Year	National level	EU having sea coasts
Maritime transport - Number of passengers	Total	1000 passengers	2006	48 145	397 550
		% of EU-22	2006	12.1	100
	Inwards	1000 passengers	2006	24 068	199 384
		% of EU-22	2006	12.1	100
	Outwards	1000 passengers	2006	24 077	198 164
		% of EU-22	2006	12.2	100
Maritime goods transports in weight between Maritime Coastal Area	Total	1000 tonnes	2006	88 414	3 512 401
		% of EU-22	2006	2.5	100
	Inwards	1000 tonnes	2006	52 523	2 350 247
		% of EU-22	2006	2.2	100
	Outwards	1000 tonnes	2006	43 503	1 350 770
		% of EU-22	2006	3.2	100

Source: Eurostat (Transport)

### 3.4 Germany



### General figures

- Germany's coastline has a length of 3 204 km, representing 2.4% of the total coastline length of the EU-22 coastal Member States. The country's coastal zone (within a range of 10 km from the coast) covers 13 727 km<sup>2</sup> which represents 3.3% of the corresponding EU's coastal area.
- Germany has two coastal regions, the North Sea region which includes the country's North-west coastline, and the Baltic Sea region which includes the north-east coastline.
- In 2005, 5.45 million people or the 6.6% of the country's population lived in Germany's coastal regions. This population corresponds to 2.7% of the total population living in all the EU's-22 coastal regions. The density of the population amounted to 139 inhabitants/km<sup>2</sup> (2005 data). This is 40% lower compared to the country's average population density but 28.7% higher than the corresponding density in the coastal regions of the EU-22 Member States.
- Coastal regions are responsible for 5.4% of the country's gross value added. In 2005 the coastal regions produced EUR 108.4 million representing 2.6% of the gross value added produced in all the coastal regions of the EU-22 and 1.2% of the total EU-22 Member States' gross value added. The Baltic Sea region contributed 58.2% of the gross added value produced by Germany's coastal regions and the North Sea region contributed the remaining 41.8%.
- As of 2004, 6% of the country's labour force was located in the coastal regions. In absolute numbers, the coastal regions' employment reached 2.335 million persons, representing 3.5% of the total employment in the coastal regions of the EU-22 and 1.2% of the EU-22 employed labour force. A slight majority of this employment was located in the Baltic Sea region (59.4%).
- Germany protects 18 086 km<sup>2</sup> (2007 data) of marine sea areas representing almost one fourth (23.1%) of the total sea protected areas in the EU-22 coastal Member States. About 50% of the German coasts lie under a 5 metres elevation which makes them vulnerable to floods, rise in sea level and coastal erosion<sup>(1)</sup>. Regarding the sea water quality in the bathing areas and based on 2006 data, 88.6% of those areas are complying with the guide values, 9.1% complies with only mandatory values, 1.1% is not complying with any of these rules, while in the remaining 1.1% bathing is prohibited.

### Significant Economic Activities

- The GDP per inhabitant in Germany's coastal regions is EUR 22 058, based on 2005 prices. This amount is 4% lower than the average GDP in the EU-22 coastal Member States and 19% lower than the average GDP in Germany. Between the two coastal regions of Germany there are no significant differences in the per capita GDP: as of 2005, this was EUR 22 142 in the Baltic Sea region and EUR 21 943 in the North Sea region.
- There is however significant imbalance between the two coastal regions regarding the share of unemployment persons, with 59.4% of the total unemployment in Germany's coastal regions observed in the Baltic Sea region.

<sup>(1)</sup> "Living with Coastal Erosion in Europe: Sediment and Space for Sustainability", Results from the EuroSION Study, European Commission, DG Environment, 2004 (for details: <http://www.euroSION.org>).

- Tourism is an important economic sector for Germany's coastal regions. 3 288 hotel units are located in coastal areas (2006 data), representing 9.1% of the country's total hotel units. This infrastructure corresponds to 3.4% of the total hotel units in the coastal regions of the EU-22 and 1.8% of the total EU-22. 55.4% of the total hotel units in Germany's coastal regions are located in the Baltic Sea region. Moreover Germany has a flourishing recreational boating sector which employs about 26 900 persons<sup>(2)</sup>.
- Fishing is of major importance for the economy of Germany's coastal regions. The sector employed 3 516 persons. The German fish processing industry represents 70% of employment in this sector and holds the fourth place in the EU<sup>(3)</sup>.
- Some of the biggest ports in Europe are located in Germany. As a result the port activities are generating a considerable value added and employment for the country's economy. In 2006 Germany's ports handled 29.2 million passengers and 294 750 thousand tonnes of maritime goods with an inwards/outwards ratio of 3:2. The country's leading ports are Hamburg, Bremen, Bremerhaven, Wilhelmshaven (cargo traffic) on the North Sea and Rostock (passenger traffic) on the Baltic.
- 28% of Germany's foreign trade is handled by the country's ports. The value of the country's imports in 2005 was EUR 87.3 billion. At the same time Germany's exports were valued EUR 147.1 billion.
- The agriculture sector provided only the 2.1% of the gross value added produced in Germany's coastal regions (2005 data). The sector's value added was EUR 2.23 billion and corresponded to 11.5% of Germany's total added value coming from agricultural activities and 2.2% of the corresponding added value of the agriculture sector in the economy of the EU-22 coastal regions.

<sup>(2)(3)</sup> Source: European Commission-Maritime Affairs. Facts & figures on maritime Europe (available at : [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html))

## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Germany	EU	Germany	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	39 122	1 772 768	357 093	4 095 998
	% of National	2006	11.0	-	100	-
	% of EU coast	2006	2.2	100	-	-
	% of EU-22	2006	1.0	43.3	8.7	100
Length of coasts <sup>(2)</sup>	km		-	-	3 204	136 106
	% of EU-22		-	-	2.4	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	13727	416446
	% of EU-22		-	-	3.3	100
Population <sup>(1)</sup>	1000 Inhab.	2005	5 456	199 015	82 469	457 589
	% of National	2005	6.6	-	100	-
	% of EU coast	2005	2.7	100	-	-
	% of EU-22	2005	1.2	43.5	18.0	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			Germany	EU	Germany	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km <sup>2</sup>	2005	139	100	231	108
Old age Dependency ratio <sup>(4)</sup>	Per 100 adults	2001	24	25	25	24

(3) Source: Eurostat (Regio)

(4) Source: Eurostat (Census)

### • Economics

	Unit	Year	Coastal regions		All regions	
			Germany	EU	Germany	EU having sea coasts
GDP at current market prices	€/inhab	2005	22 058	24 294	27 219	22 984
	Index	2005	96.0	105.7	118.4	100
Gross value added at basic prices	Mio €	2005	108 426	4 200 194	2 022 470	9 383 477
	% of National	2005	5.4	-	100	-
	% of EU coast	2005	2.6	100	-	-
	% of EU-22	2005	1.2	44.8	21.6	100
Gross value added in agriculture sector	Mio €	2005	2 285	103 792	19 910	200 011
	% of total GVA	2005	2.1	2.5	1.0	2.1
	% of National	2005	11.5	-	100	-
	% of EU coast	2005	2.2	100	-	-
	% of EU-22	2005	1.1	51.9	10.0	100



## Chapter 2 - Coastal and sea area profiles - Germany

	Unit	Year	Coastal regions		All regions	
			Germany	EU	Germany	EU having sea coasts
Gross value added in industry sector	Mio €	2005	23 183	1 042 638	593 380	2 492 759
	% of total GVA	2005	21.4	24.8	29.3	26.6
	% of National	2005	3.9	-	100	-
	% of EU coast	2005	2.2	100	-	-
	% of EU-22	2005	0.9	41.8	23.8	100
Gross value added in service sector	Mio €	2005	82 964	3 053 764	1 409 180	6 690 707
	% of total GVA	2005	76.5	72.7	69.7	71.3
	% of National	2005	5.9	-	100	-
	% of EU coast	2005	2.7	100	-	-
	% of EU-22	2005	1.2	45.6	21.1	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			Germany	EU	Germany	EU having sea coasts
Employment	1000 persons	2004	2 335	67 012	38 875	188 779
	% of National	2004	6.0	-	100	-
	% of EU coast	2004	3.5	100	-	-
	% of EU-22	2004	1.2	35.5	20.6	100
Unemployment - Men aged 25 years and over	1000 persons	2006	85	1 736	1 956	6 858
	% of National	2006	4.3	-	100	-
	% of EU coast	2006	4.9	100	-	-
	% of EU-22	2006	1.2	25.3	28.5	100
Unemployment - Women aged 25 years and over	1000 persons	2006	44	1 822	1 629	6 765
	% of National	2006	2.7	-	100	-
	% of EU coast	2006	2.4	100	-	-
	% of EU-22	2006	0.7	26.9	24.1	100

Source: Eurostat (Regio)

### • Tourism

	Unit	Year	Coastal regions		All regions	
			Germany	EU	Germany	EU having sea coasts
Number of hotels	Unit	2006	3 288	95 928	36 201	179 346
	% of National	2006	9.1	-	100	-
	% of EU coast	2006	3.4	100	-	-
	% of EU-22	2006	1.8	53.5	20.2	100

Source: Eurostat (Tourism)

## Coastal areas description

### • Demography

	Unit	Year	German coastal regions		
			Baltic Sea	North Sea	Total
Population density <sup>(1)</sup>	Inhab/km <sup>2</sup>	2005	133	150	139
Old age Dependency ratio <sup>(2)</sup>	Per 100 adults	2001	23.8	25.1	24.3

(1) Source: Eurostat (Regio)

(2) Source: Eurostat (Census)

### • Economics

	Unit	Year	German coastal regions		
			Baltic Sea	North Sea	Total
GDP at current market prices	€/inhab	2005	22 142	21 943	22 058
	Index	2005	100.4	99.5	100
Gross value added at basic prices	%	2005	5 8.2	4 1.8	100
Gross value added in agriculture sector	%	2005	4 7.7	5 2.3	100
Gross value added in industry sector	%	2005	5 3.0	4 7.0	100
Gross value added in service sector	%	2005	6 0.0	4 0.0	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	German coastal regions		
			Baltic Sea	North Sea	Total
Employment	%	2004	59.4	40.6	100
Unemployment - Men aged 25 years and over	%	2006	8 0.5	1 9.5	100
Unemployment - Women aged 25 years and over	%	2006	10 0.0		100

Source: Eurostat (Regio)

### • Tourism

	Unit	Year	German coastal regions		
			Baltic Sea	North Sea	Total
Number of hotels	%	2006	55.4	44.6	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • Enterprise statistics

	<i>NACE</i>	<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Labour cost per employee FTE	Building and repairing of ships	1000 €	2005	61.1	42.7
	Building and repairing of pleasure and sporting boats	1000 €	2005	46.2	32.4

Source: Eurostat (Structural business statistics)

### • External trade

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	113 245	1 398 482	
		% of EU-22	2005	8.1	100	
	Extra Eu25	1000 tonnes	2005	89 484	1 177 573	
		% of EU-22	2005	7.6	100	
	North American Countries	1000 tonnes	2005	5 791	77 094	
		% of EU-22	2005	7.5	100	
	Asia	1000 tonnes	2005	13 738	248 886	
		% of EU-22	2005	5.5	100	
	Africa	1000 tonnes	2005	15 878	247 201	
		% of EU-22	2005	6.4	100	
	South American Countries	1000 tonnes	2005	18 130	168 673	
		% of EU-22	2005	10.7	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	60 710	567 528
			% of EU-22	2005	10.7	100
Extra Eu25		1000 tonnes	2005	42 278	334 751	
		% of EU-22	2005	12.6	100	
North American Countries		1000 tonnes	2005	12 202	94 400	
		% of EU-22	2005	12.9	100	
Asia		1000 tonnes	2005	16 532	88 604	
		% of EU-22	2005	18.7	100	
Africa		1000 tonnes	2005	4 056	57 663	
		% of EU-22	2005	7.0	100	
South American Countries		1000 tonnes	2005	2 719	12 324	
		% of EU-22	2005	22.1	100	

## Chapter 2 - Coastal and sea area profiles - Germany

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in Mio €	World	Mio €	2005	87 279	736 181	
		% of EU-22	2005	11.9	100	
	Extra Eu25	Mio €	2005	76 783	549 798	
		% of EU-22	2005	14.0	100	
	North American Countries	Mio €	2005	9 063	52 363	
		% of EU-22	2005	17.3	100	
	Asia	Mio €	2005	43 136	242 659	
		% of EU-22	2005	17.8	100	
	Africa	Mio €	2005	5 019	72 241	
		% of EU-22	2005	6.9	100	
	South American Countries	Mio €	2005	6 063	38 969	
		% of EU-22	2005	15.6	100	
	Exports in Mio €	World	Mio €	2005	147 128	660 870
			% of EU-22	2005	22.3	100
Extra Eu25		Mio €	2005	126 260	450 086	
		% of EU-22	2005	28.1	100	
North American Countries		Mio €	2005	45 943	138 560	
		% of EU-22	2005	33.2	100	
Asia		Mio €	2005	48 906	147 497	
		% of EU-22	2005	33.2	100	
Africa		Mio €	2005	8 879	54 327	
		% of EU-22	2005	16.3	100	
South American Countries		Mio €	2005	5 862	20 219	
		% of EU-22	2005	29.0	100	
Share of Imports (1000 tonnes)		World	%	2005	65.1	71.1
		Extra Eu25	%	2005	67.9	77.9
	North American Countries	%	2005	32.2	45.0	
	Asia	%	2005	45.4	73.7	
	Africa	%	2005	79.7	81.1	
	South American Countries	%	2005	87.0	93.2	
Share of Exports (1000 tonnes)	World	%	2005	34.9	28.9	
	Extra Eu25	%	2005	32.1	22.1	
	North American Countries	%	2005	67.8	55.0	
	Asia	%	2005	54.6	26.3	
	Africa	%	2005	20.3	18.9	
	South American Countries	%	2005	13.0	6.8	

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Share of Imports (Mio €)	World	%	2005	37.2	52.7
	Extra Eu25	%	2005	37.8	55.0
	North American Countries	%	2005	16.5	27.4
	Asia	%	2005	46.9	62.2
	Africa	%	2005	36.1	57.1
	South American Countries	%	2005	50.8	65.8
Share of Exports (Mio €)	World	%	2005	62.8	47.3
	Extra Eu25	%	2005	62.2	45.0
	North American Countries	%	2005	83.5	72.6
	Asia	%	2005	53.1	37.8
	Africa	%	2005	63.9	42.9
	South American Countries	%	2005	49.2	34.2

Source: Eurostat (Comext)

### • Fisheries

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Employment in the fishery sector	Fishing (Total)	Persons	2005	3 516	284 551
		% of EU-22	2005	1.3	100

Source: Eurostat (Agriculture and fisheries)

### • Research Development

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Patent application to the EPO	Ships or other waterborne vessels; related equipment	Per Mio of Inhab	2005	0.200	0.122

Source: Eurostat (Science and Technology (Patent))

### • Environment

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	352	14 345
	Areas complying with guide values	Value	2006	312	12 680
	Areas complying with mandatory values	Value	2006	32	1 112
	Areas not complying with mandatory values	Value	2006	4	217
	Areas not sufficiently sampled or data not available	Value	2006	0	57
	Areas where bathing was prohibited	Value	2006	4	279

		Unit	Year	National level	EU having sea coasts
Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0	100.0
	Areas complying with guide values	%	2006	88.6	77.5
	Areas complying with mandatory values	%	2006	9.1	19.1
	Areas not complying with mandatory values	%	2006	1.1	2.8
	Areas not sufficiently sampled or data not available	%	2006	0.0	0.1
	Areas where bathing was prohibited	%	2006	1.1	0.5
Protected marine area <sup>(2)</sup>		km <sup>2</sup>	2007	18 086	78 282
		% of EU-22	2007	23.1	100

(1) Source: Eurostat (Environment)

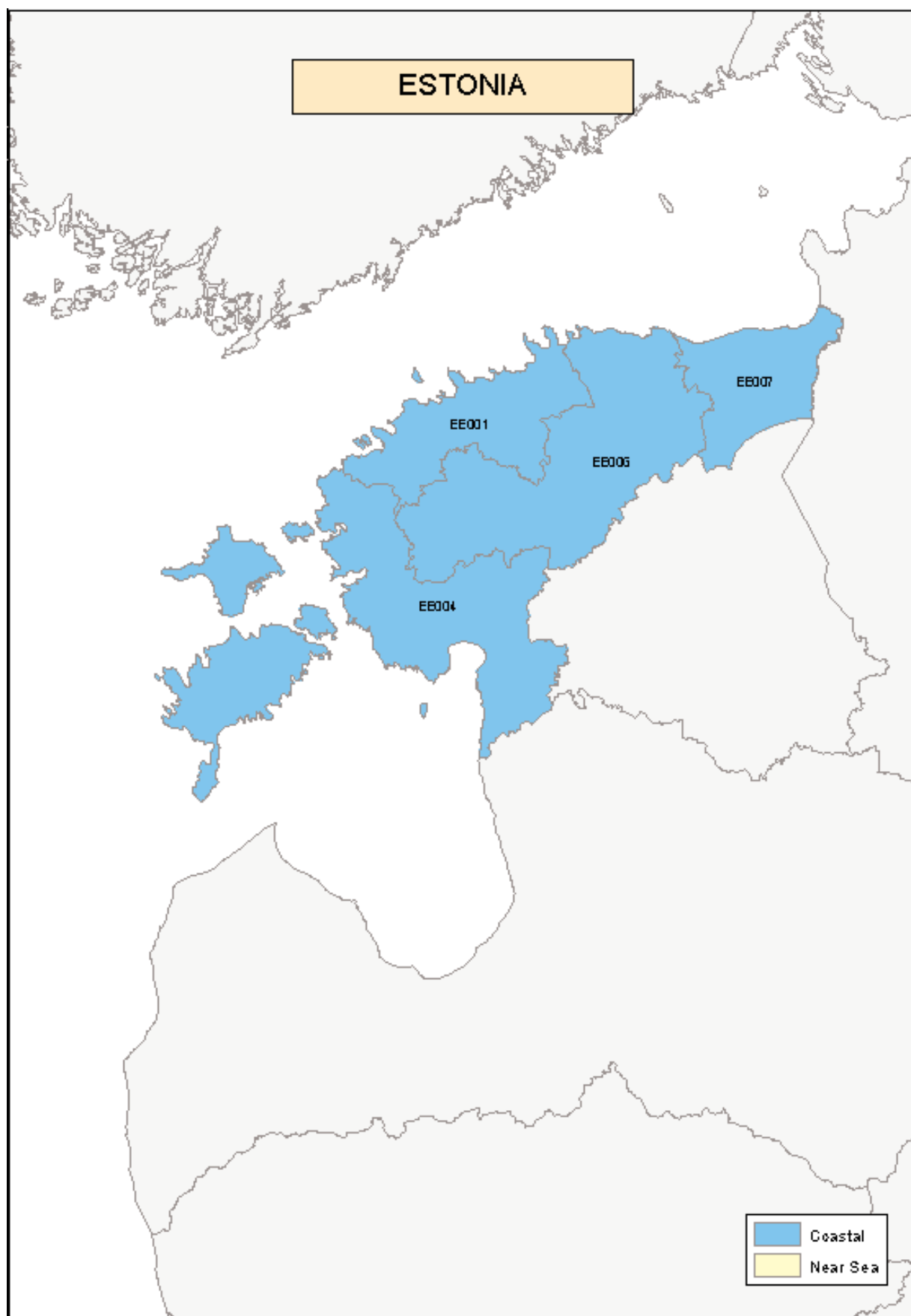
(2) Source: DG ENV

### • Ports activity

		Unit	Year	National level	EU having sea coasts
Mainline transport- Number of passengers	Total	1000 passengers	2008	29 258	397 550
		% of EU-22	2008	7.4	100
	Inwards	1000 passengers	2007	15 030	32 389
		% of EU-22	2007	46.4	100
	Outwards	1000 passengers	2007	15 171	32 014
		% of EU-22	2007	47.4	100
Mainline goods transport in weight between Mainline Coastal Area	Total	1000 tonnes	2008	284 750	3 512 401
		% of EU-22	2008	8.4	100
	Inwards	1000 tonnes	2007	189 037	341 759
		% of EU-22	2007	55.3	100
	Outwards	1000 tonnes	2007	120 935	292 810
		% of EU-22	2007	41.3	100

Source: Eurostat (Transport)

### 3.5 Estonia



### General figures

- Estonia has a coastline of 3 197 km which represents 2.3% of the total EU-22 coastline length. The country's coastal zone (within a range of 10 km from the coast) covers 9 362 km<sup>2</sup> and corresponds to 2.2% of the total EU coastal area. Estonia's single coastal area borders the Baltic Sea.
- 997 000 inhabitants live in the country's coastal regions. This equals to 74.2% of the country's total population. The average population density in the coastal regions is 36 inhabitants per km<sup>2</sup>, three times lower than the average density in the EU-22 coastal Member States.
- Estonia's coastal areas produce 82.5% of the country's gross value added per year (2005 data). The produced EUR 8.15 billion of gross added value represents the 0.2% of the corresponding total added value in all the EU-22 coastal areas.
- 76.5% of the country's employment is generated in its coastal areas (according to 2004 data). The 453 000 persons employed represent 0.7% of the total employed labour force in the EU-22 coastal regions and 0.2% of the EU-22 total employed labour force.
- Estonia protects 3 854 km<sup>2</sup> of marine sea areas (2007 data), or 4.9% of the total marine protected areas in the EU-22 coastal Member States. 47.1% of the country's bathing areas comply with the guide values on water quality, while a 44.1% complies with the mandatory values only (2006 data).

### Significant Economic Activities

- The GDP per inhabitant generated by economic activities undertaken at Estonia's coastal regions was EUR 9 259 in 2005. This was 59.7% lower than the average GDP per inhabitant in all coastal regions of the EU-22. Still, coastal regions' inhabitants in Estonia enjoy on average an 11.3% higher GDP than the average per capita GDP in Estonia.
- Tourism is an economic activity of lesser significance. There are only 255 hotels units located in the coastal areas. This small number - a tiny 0.3% of the total hotel units in the coastal areas of the EU-22 coastal Member States - equals to 74.8% of the Estonia total.
- Agriculture in coastal areas produced EUR 221 million of gross value added, equal to 2.7% of the coastal areas' total gross value added. While the proportion of the arable land is 65.1%, the livestock density per holding is 22 units, a density approximately 30% below the average density in the EU-22 coastal regions.
- The fishing sector is a key employment generator for the Estonian economy. According to 2005 data, it employs 54 010 workers - 12% of the country's employment - or 20.4% of the total labour force employed in the sector in the EU-22 coastal Member States. Despite the large number of persons employed in the fishing sector, the production remains rather small, as it stands at only 81 643 tonnes (as in 2006), or 1.7% of the respective total production in the entire EU-22.
- Estonian ports handled 6.69 million passengers in 2006, or 1.7% of the total passengers that have used all the EU-22 port facilities. The country's ports also handled 47.46 million tonnes of maritime goods, the main Estonian ports being Tallin (cargo and passenger traffic), Kuivastu (passenger traffic), Kunda and Muuga (cargo traffic). The inward/outward ratio of the transported maritime goods is almost 1.7, as Estonia is an export-oriented country. In 2005 the value of the country's exports amounted to EUR 2.69 billion, while imports were valued EUR 2.35 billion.



## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Estonia	EU	Estonia	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	27 899	1 772 768	45 288	4 095 998
	% of National	2006	61.6	-	100	-
	% of EU coast	2006	1.6	100	-	-
	% of EU-22	2006	0.7	43.3	1.1	100
Length of coasts <sup>(2)</sup>	km		-	-	3 197	136 106
	% of EU-22		-	-	2.3	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	9362	416446
	% of EU-22		-	-	2.2	100
Population <sup>(1)</sup>	1000 Inhab.	2006	997	199 353	1 344	458 036
	% of National	2006	74.2	-	100	-
	% of EU coast	2006	0.5	100	-	-
	% of EU-22	2006	0.2	43.5	0.3	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			Estonia	EU	Estonia	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km <sup>2</sup>	2005	36	100	31	108
Crude Birth rate <sup>(3)</sup>	1000 Inhab.	2006	11.3	10.3	11.1	10.1
Crude Death rate <sup>(3)</sup>	1000 Inhab.	2006	12.7	9.4	12.9	10.0
Old age Dependency ratio <sup>(4)</sup>	Per 100 adults	2001	21	25	22	24

(3) Source: Eurostat (Regio)

(4) Source: Eurostat (Census)

### • Economics

	Unit	Year	Coastal regions		All regions	
			Estonia	EU	Estonia	EU having sea coasts
GDP at current market prices	€/inhab	2005	9 259	24 294	8 319	22 984
	Index	2005	40.3	105.7	36.2	100
Gross value added at basic prices	Mio €	2005	8 155	4 200 194	9 880	9 383 477
	% of National	2005	82.5	-	100	-
	% of EU coast	2005	0.2	100	-	-
	% of EU-22	2005	0.1	44.8	0.1	100
Gross value added in agriculture sector	Mio €	2005	221	103 792	357	200 011
	% of total GVA	2005	2.7	2.5	3.6	2.1
	% of National	2005	62.0	-	100	-
	% of EU coast	2005	0.2	100	-	-
	% of EU-22	2005	0.1	51.9	0.2	100

## Chapter 2 - Coastal and sea area profiles - Estonia

	Unit	Year	Coastal regions		All regions	
			Estonia	EU	Estonia	EU having sea coasts
Gross value added in industry sector	Mio €	2005	2 308	1 042 638	2 808	2 492 759
	% of total GVA	2005	28.3	24.8	28.4	26.6
	% of National	2005	82.2	-	100	-
	% of EU coast	2005	0.2	100	-	-
	% of EU-22	2005	0.1	41.8	0.1	100
Gross value added in service sector	Mio €	2005	5 626	3 053 764	6 715	6 690 707
	% of total GVA	2005	69.0	72.7	68.0	71.3
	% of National	2005	83.8	-	100	-
	% of EU coast	2005	0.2	100	-	-
	% of EU-22	2005	0.1	45.6	0.1	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			Estonia	EU	Estonia	EU having sea coasts
Employment	1000 persons	2004	453	67 012	593	188 779
	% of National	2004	76.5	-	100	-
	% of EU coast	2004	0.7	100	-	-
	% of EU-22	2004	0.2	35.5	0.3	100
Unemployment - Men between 15 and 24 years	1000 persons	2006	3	571	4	2 355
	% of National	2006	79.1	-	100	-
	% of EU coast	2006	0.6	100	-	-
	% of EU-22	2006	0.1	24.2	0.2	100
Unemployment - Men aged 25 years and over	1000 persons	2006	13	1 736	17	6 858
	% of National	2006	77.1	-	100	-
	% of EU coast	2006	0.8	100	-	-
	% of EU-22	2006	0.2	25.3	0.2	100
Unemployment - Women between 15 and 24 years	1000 persons	2006	3	525	5	2 043
	% of National	2006	71.7	-	100	-
	% of EU coast	2006	0.6	100	-	-
	% of EU-22	2006	0.2	25.7	0.2	100
Unemployment - Women aged 25 years and over	1000 persons	2006	13	1 822	15	6 765
	% of National	2006	87.0	-	100	-
	% of EU coast	2006	0.7	100	-	-
	% of EU-22	2006	0.2	26.9	0.2	100

Source: Eurostat (Regio)

## • Education

	Unit	Year	Coastal regions		All regions	
			Estonia	EU	Estonia	EU having sea coasts
Population having university level education	%	2001	36.2	20.8	35.1	20.1
	Index	2001	179.9	103.5	174.6	100

Source: Eurostat (Census)

## • Agriculture

	Unit	Year	Coastal regions		All regions	
			Estonia	EU	Estonia	EU having sea coasts
Agricultural area	1000 ha	2005	487	42 976	829	138 246
	% of National	2005	58.7	-	100	-
	% of EU coast	2005	1.1	100	-	-
	% of EU-22	2005	0.4	31.1	0.6	100
Proportion of arable land	%	2005	65.1	51.5	70.5	60.2
Livestock density per holding	Livestock Unit	2005	22	30	21	17
Standard gross margin	Per holding	2005	5	15	5	11
Standard gross margin	Per Annual Working Unit	2005	4	17	4	12

Source: Eurostat (Regio)

## • Tourism

	Unit	Year	Coastal regions		All regions	
			Estonia	EU	Estonia	EU having sea coasts
Number of hotels	Unit	2006	255	95 928	341	179 346
	% of National	2006	74.8	-	100	-
	% of EU coast	2006	0.3	100	-	-
	% of EU-22	2006	0.1	53.5	0.2	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • Enterprise statistics

	NACE	Unit	Year	National level	EU having sea coasts
Labour cost per employee FTE	Building and repairing of ships	1000 €	2005	9.9	42.7
	Building and repairing of pleasure and sporting boats	1000 €	2005	8.6	32.4

Source: Eurostat (Structural business statistics)

### • External trade by sea

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	2 029	1 398 482	
		% of EU-22	2005	0.1	100	
	Extra Eu25	1000 tonnes	2005	636	1 177 573	
		% of EU-22	2005	0.1	100	
	North American Countries	1000 tonnes	2005	88	77 094	
		% of EU-22	2005	0.1	100	
	Asia	1000 tonnes	2005	102	248 886	
		% of EU-22	2005	0.0	100	
	Africa	1000 tonnes	2005	3	247 201	
		% of EU-22	2005	0.0	100	
	South American Countries	1000 tonnes	2005	13	168 673	
		% of EU-22	2005	0.0	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	5 642	567 528
			% of EU-22	2005	1.0	100
Extra Eu25		1000 tonnes	2005	1 774	334 751	
		% of EU-22	2005	0.5	100	
North American Countries		1000 tonnes	2005	436	94 400	
		% of EU-22	2005	0.5	100	
Asia		1000 tonnes	2005	329	88 604	
		% of EU-22	2005	0.4	100	
Africa		1000 tonnes	2005	107	57 663	
		% of EU-22	2005	0.2	100	
South American Countries		1000 tonnes	2005	13	12 324	
		% of EU-22	2005	0.1	100	
Imports in Mio €		World	Mio €	2005	2 351	736 181
			% of EU-22	2005	0.3	100
	Extra Eu25	Mio €	2005	407	549 798	
		% of EU-22	2005	0.1	100	
	North American Countries	Mio €	2005	87	52 363	
		% of EU-22	2005	0.2	100	
	Asia	Mio €	2005	157	242 659	
		% of EU-22	2005	0.1	100	
	Africa	Mio €	2005	3	72 241	
		% of EU-22	2005	0.0	100	
	South American Countries	Mio €	2005	19	38 969	
		% of EU-22	2005	0.0	100	

## Chapter 2 - Coastal and sea area profiles - Estonia

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Exports in Mio €	World	Mio €	2005	2 693	660 870	
		% of EU-22	2005	0.4	100	
	Extra Eu25	Mio €	2005	658	450 086	
		% of EU-22	2005	0.1	100	
	North American Countries	Mio €	2005	200	138 560	
		% of EU-22	2005	0.1	100	
	Asia	Mio €	2005	115	147 497	
		% of EU-22	2005	0.1	100	
	Africa	Mio €	2005	33	54 327	
		% of EU-22	2005	0.1	100	
	South American Countries	Mio €	2005	11	20 219	
		% of EU-22	2005	0.1	100	
	Share of Imports (1000 tonnes)	World	%	2005	26.5	71.1
		Extra Eu25	%	2005	26.4	77.9
North American Countries		%	2005	16.8	45.0	
Asia		%	2005	23.6	73.7	
Africa		%	2005	2.6	81.1	
South American Countries		%	2005	50.5	93.2	
Share of Exports (1000 tonnes)	World	%	2005	73.5	28.9	
	Extra Eu25	%	2005	73.6	22.1	
	North American Countries	%	2005	83.2	55.0	
	Asia	%	2005	76.4	26.3	
	Africa	%	2005	97.4	18.9	
	South American Countries	%	2005	49.5	6.8	
Share of Imports (Mio €)	World	%	2005	46.6	52.7	
	Extra Eu25	%	2005	38.2	55.0	
	North American Countries	%	2005	30.3	27.4	
	Asia	%	2005	57.7	62.2	
	Africa	%	2005	7.6	57.1	
	South American Countries	%	2005	64.7	65.8	
Share of Exports (Mio €)	World	%	2005	53.4	47.3	
	Extra Eu25	%	2005	61.8	45.0	
	North American Countries	%	2005	69.7	72.6	
	Asia	%	2005	42.3	37.8	
	Africa	%	2005	92.4	42.9	
	South American Countries	%	2005	35.3	34.2	

Source: Eurostat (Comext)

### • Fisheries

		Unit	Year	National level	EU having sea coasts
Catches by fishing area	Marine animals (tonnes) for All fishing areas	Tonnes	2008	81 043	4 924 389
		% of EU-22	2008	1.7	100
	Of which: North-east Atlantic	Tonnes	2008	71 709	3 094 110
		% of EU-22	2008	1.9	100
Employment in the fishery sector	Fishing (Total)	Persons	2005	54 010	234 551
		% of EU-22	2005	20.4	100
	Fishing - Marine (Coastal)	Persons	2008	2 572	29 987
		% of EU-22	2008	8.6	100
	Fishing - Marine (Deep-sea)	Persons	2008	475	9 087
		% of EU-22	2008	4.9	100

Source: Eurostat (Agriculture and fisheries)

### • Environment

		Unit	Year	National level	EU having sea coasts
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	34	14 345
	Areas complying with guide values	Value	2006	16	12 680
	Areas complying with mandatory values	Value	2006	15	1 112
	Areas not complying with mandatory values	Value	2006	3	217
	Areas not sufficiently sampled or data not available	Value	2006	0	57
	Areas where bathing was prohibited	Value	2006	0	279
	Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0
Areas complying with guide values		%	2006	47.1	77.5
Areas complying with mandatory values		%	2006	44.1	19.1
Areas not complying with mandatory values		%	2006	8.8	2.8
Areas not sufficiently sampled or data not available		%	2006	0.0	0.1
Areas where bathing was prohibited		%	2006	0.0	0.5
Protected marine area <sup>(2)</sup>			km <sup>2</sup>	2007	3 854
		% of EU-22	2007	4.9	100

(1) Source: Eurostat (Environment)

(2) Source: DG ENV

### • Ports activity

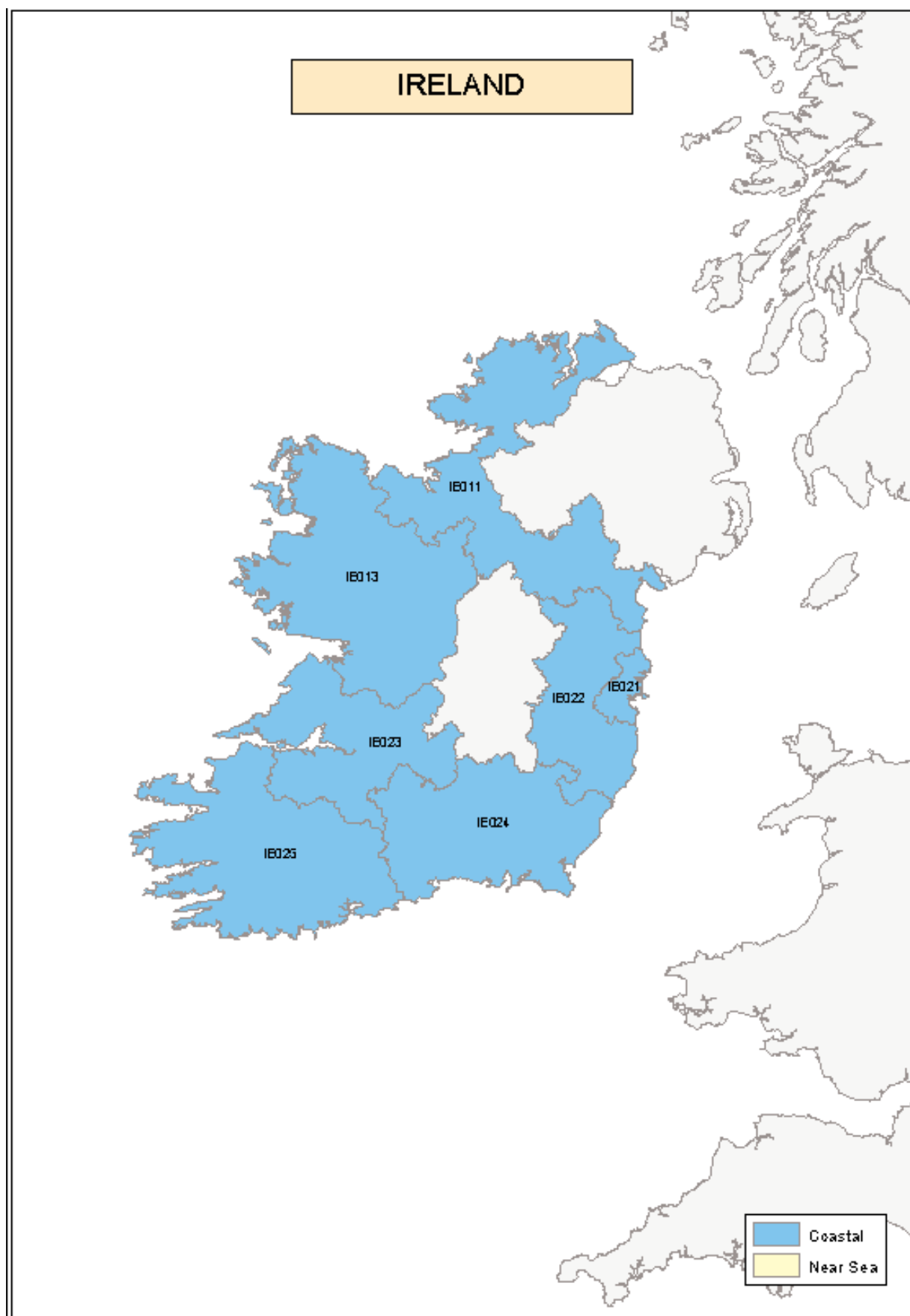
		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Maritime transport - Number of passengers	Total	1000 passengers	2006	6 691	397 550
		% of EU-22	2006	1.7	100
	Inwards	1000 passengers	2006	3 359	199 384
		% of EU-22	2006	1.7	100
	Outwards	1000 passengers	2006	3 332	198 164
		% of EU-22	2006	1.7	100
Maritime goods transports in weight between Maritime Coastal Area	Total	1000 tonnes	2006	47 455	3 512 401
		% of EU-22	2006	1.4	100
	Inwards	1000 tonnes	2006	6 127	2 350 247
		% of EU-22	2006	0.3	100
	Outwards	1000 tonnes	2006	41 568	1 350 770
		% of EU-22	2006	3.1	100

Source: Eurostat (Transport)





### 3.6 Ireland



### General figures

- Ireland has a total coastline length of 7 711 km, corresponding to 5.7% of the coastline of the total EU-22 coastal Member States. The country's coastal zone (within a range of 10 km from the coast) covers 21 857 km<sup>2</sup>, which is 5.2% of the total EU-22 coastal area.
- 3.9 million people - 94.1% of Ireland's population - live in the Member State's coastal regions, the average density being 63 inhabitants per km<sup>2</sup> (2005 data). This density is substantially lower than the EU-22 coastal regions respective average (108 inhabitants/km<sup>2</sup>).
- Unsurprisingly, coastal regions are the backbone of Ireland's economic development. According to 2005 data, they contributed EUR 137 million per year of gross value added, which is 96.1% of the country's total. This amount also represented 3.3% of the total gross value generated by all EU coastal areas and 1.5% of the gross value added by the EU 22 coastal Member States.
- Because of the insular characteristics of the Member State and the concentration of production activities in coastal areas, Ireland's coastal regions generate employment corresponding to 94.5% of the country's total employed labour force (2004 data). In absolute terms there are 1 768 million employed citizens, about 2.6% of the total labour force employed in the EU-22 coastal regions.
- Ireland protects 3 386 km<sup>2</sup> of marine sea area, which is equal to 4.3% of the total surface of protected sea areas in the EU-22 coastal Member States. As regards the sea water quality in Ireland's bathing areas, 91% comply with the guide values, whereas only 3.3% are not complying with the mandatory or guide values.

### Significant Economic Activities

- In 2005, the GDP per inhabitant generated by economic activities in the Irish coastal regions was 73% higher than the average GDP per inhabitant in the EU-22 Member States. The per capita GDP stands at 39 755 € and is higher than that observed in any other coastal region of the EU-22 coastal Member States.
- There is no significant imbalance as regards the GDP per inhabitant between the coastal region and the rest of the country's population in coastal areas the GDP/inhabitant is just 2.1% higher.
- Tourism is a key economic activity in Ireland's coastal areas. In total, 4 124 hotel units are located in this region (as of 2006), representing the majority (96.0%) of the hotel units existing in Ireland. This number of hotels represents 4.3% of the total hotel units in the coastal areas of the EU-22. Moreover, 3 836 persons are employed in the coastal tourism sector in Ireland, whereas recreation boating generates an additional 800 jobs<sup>(1)</sup>.
- Agriculture is another key economic activity in Ireland's coastal areas. The sector's gross value added in 2005 was EUR 2.58 billion, representing 92.1% of the total value added of the country's agriculture. The proportion of arable land is low, and stands at 27.5% of the coastal region. Still, its size represented 8.8% of the EU-22 coastal area that is used for agriculture. Farming in Ireland's coastal areas is marked by a high livestock density, at an average 63 units per holding, almost four times the average observed in the rest of the EU-22 coastal Member States, or double the average of the EU-22 coastal regions.

<sup>(1)</sup> Employment data sources: European Commission, DG Fisheries and Maritime Affairs studies: "Employment trends in all sectors related to the sea or using sea resources" and "Employment in the fisheries sector" as reported in: [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html)

- Fishing is a key employment generator and occupies 10 584 persons. The fishing fleet consists of 1 800 vessels, the majority of which are small coastal boats. Still, the Irish fleet also comprises some of the largest fishing vessels in the EU<sup>(2)</sup>. Ireland's annual fishery production in 2006 amounted to 210 669 tonnes or 4.3% of the total EU-22 production.
- Port-related economic activities with references to both passengers and cargo represent an important economic cluster of the Irish coastal areas. This is certainly linked to the insular characteristics of the country. In 2006, 3.2 million passengers embarked or disembarked in Irish ports. During the same year, 36 448 million tonnes of maritime goods were transported between the EU maritime coastal regions; the inwards/outwards ratio being 2:3.

<sup>(2)</sup> European Commission-Maritime Affairs. Facts & figures on maritime Europe (available at: [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html))

## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Ireland	EU	Ireland	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	63 147	1 772 768	69 797	4 095 998
	% of National	2006	90.5	-	100	-
	% of EU coast	2006	3.6	100	-	-
	% of EU-22	2006	1.5	43.3	1.7	100
Length of coasts <sup>(2)</sup>	km		-	-	7 711	136 106
	% of EU-22		-	-	5.7	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	21857	416446
	% of EU-22		-	-	5.2	100
Population <sup>(1)</sup>	1000 Inhab.	2005	3 914	199 015	4 159	457 589
	% of National	2005	94.1	-	100	-
	% of EU coast	2005	2.0	100	-	-
	% of EU-22	2005	0.9	43.5	0.9	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			Ireland	EU	Ireland	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km <sup>2</sup>	2005	63	100	61	108
Crude Birth rate <sup>(3)</sup>	1000 Inhab.	2005	14.7	11.0	14.7	10.4
Crude Death rate <sup>(3)</sup>	1000 Inhab.	2005	6.6	9.5	6.6	9.7
Old age Dependency ratio <sup>(4)</sup>	Per 100 adults	2001	16	25	16	24

(3) Source: Eurostat (Regio)

(4) Source: Eurostat (Census)

### • Economics

	Unit	Year	Coastal regions		All regions	
			Ireland	EU	Ireland	EU having sea coasts
GDP at current market prices	€/inhab	2005	39 755	24 294	38 928	22 984
	Index	2005	173.0	105.7	169.4	100
Gross value added at basic prices	Mio €	2005	137 046	4 200 194	142 619	9 383 477
	% of National	2005	96.1	-	100	-
	% of EU coast	2005	3.3	100	-	-
	% of EU-22	2005	1.5	44.8	1.5	100
Gross value added in agriculture sector	Mio €	2005	2 573	103 792	2 793	200 011
	% of total GVA	2005	1.9	2.5	2.0	2.1
	% of National	2005	92.1	-	100	-
	% of EU coast	2005	2.5	100	-	-
	% of EU-22	2005	1.3	51.9	1.4	100

## Chapter 2 - Coastal and sea area profiles - Ireland

	Unit	Year	Coastal regions		All regions	
			Ireland	EU	Ireland	EU having sea coasts
Gross value added in industry sector	Mio €	2005	46 786	1 042 638	50 942	2 492 759
	% of total GVA	2005	34.1	24.8	35.7	26.6
	% of National	2005	91.8	-	100	-
	% of EU coast	2005	4.5	100	-	-
	% of EU-22	2005	1.9	41.8	2.0	100
Gross value added in service sector	Mio €	2005	76 141	3 053 764	88 885	6 690 707
	% of total GVA	2005	55.6	72.7	62.3	71.3
	% of National	2005	85.7	-	100	-
	% of EU coast	2005	2.5	100	-	-
	% of EU-22	2005	1.1	45.6	1.3	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			Ireland	EU	Ireland	EU having sea coasts
Employment	1000 persons	2004	1 768	67 012	1 870	188 779
	% of National	2004	94.5	-	100	-
	% of EU coast	2004	2.6	100	-	-
	% of EU-22	2004	0.9	35.5	1.0	100
Unemployment - Men between 15 and 24 years	1000 persons	2006	8	571	17	2 355
	% of National	2006	45.4	-	100	-
	% of EU coast	2006	1.4	100	-	-
	% of EU-22	2006	0.3	24.2	0.7	100
Unemployment - Men aged 25 years and over	1000 persons	2006	37	1 736	39	6 858
	% of National	2006	96.1	-	100	-
	% of EU coast	2006	2.1	100	-	-
	% of EU-22	2006	0.5	25.3	0.6	100
Unemployment - Women between 15 and 24 years	1000 persons	2006	3	525	13	2 043
	% of National	2006	23.4	-	100	-
	% of EU coast	2006	0.6	100	-	-
	% of EU-22	2006	0.1	25.7	0.6	100
Unemployment - Women aged 25 years and over	1000 persons	2006	19	1 822	24	6 765
	% of National	2006	76.5	-	100	-
	% of EU coast	2006	1.0	100	-	-
	% of EU-22	2006	0.3	26.9	0.4	100

Source: Eurostat (Regio)

### • Education

	Unit	Year	Coastal regions		All regions	
			Ireland	EU	Ireland	EU having sea coasts
Population having university level education	%	2001	33.9	20.8	33.4	20.1
	Index	2001	168.3	103.5	166.0	100

Source: Eurostat (Census)

### • Agriculture

	Unit	Year	Coastal regions		All regions	
			Ireland	EU	Ireland	EU having sea coasts
Agricultural area	1000 ha	2005	3 784	42 976	4 219	138 246
	% of National	2005	89.7	-	100	-
	% of EU coast	2005	8.8	100	-	-
	% of EU-22	2005	2.7	31.1	3.1	100
Proportion of arable land	%	2005	27.5	51.5	27.3	60.2
Livestock density per holding	Livestock Unit	2005	63	30	65	17
Standard gross margin	Per holding	2005	19	15	19	11
Standard gross margin	Per Annual Working Unit	2005	17	17	17	12

Source: Eurostat (Regio)

### • Tourism

	Unit	Year	Coastal regions		All regions	
			Ireland	EU	Ireland	EU having sea coasts
Number of hotels	Unit	2006	4 124	95 928	4 296	179 346
	% of National	2006	96.0	-	100	-
	% of EU coast	2006	4.3	100	-	-
	% of EU-22	2006	2.3	53.5	2.4	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • Enterprise statistics

	NACE	Unit	Year	National level	EU having sea coasts
Number of enterprises	Renting of water transport equipment	Unit	2002	25	1 510
		% of EU-22	2002	1.6	100
	Renting of water transport equipment	Unit	2002	218	2 462
		% of EU-22	2002	8.9	100
	Renting of water transport equipment	Mio €	2002	14	229
		% of EU-22	2002	6.2	100

	<i>NACE</i>	<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Labour cost per employee FTE	Building and repairing of ships	1000 €	2005	33.6	42.7
	Building and repairing of pleasure and sporting boats	1000 €	2005	25.4	32.4

Source: Eurostat (Structural business statistics)

### • External trade by sea

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	23 545	1 398 482	
		% of EU-22	2005	1.7	100	
	Extra Eu25	1000 tonnes	2005	11 996	1 177 573	
		% of EU-22	2005	1.0	100	
	North American Countries	1000 tonnes	2005	1 269	77 094	
		% of EU-22	2005	1.6	100	
	Asia	1000 tonnes	2005	1 319	248 886	
		% of EU-22	2005	0.5	100	
	Africa	1000 tonnes	2005	3 263	247 201	
		% of EU-22	2005	1.3	100	
	South American Countries	1000 tonnes	2005	1 636	168 673	
		% of EU-22	2005	1.0	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	6 342	567 528
			% of EU-22	2005	1.1	100
Extra Eu25		1000 tonnes	2005	2 234	334 751	
		% of EU-22	2005	0.7	100	
North American Countries		1000 tonnes	2005	347	94 400	
		% of EU-22	2005	0.4	100	
Asia		1000 tonnes	2005	595	88 604	
		% of EU-22	2005	0.7	100	
Africa		1000 tonnes	2005	227	57 663	
		% of EU-22	2005	0.4	100	
South American Countries		1000 tonnes	2005	37	12 324	
		% of EU-22	2005	0.3	100	

## Chapter 2 - Coastal and sea area profiles - Ireland

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in Mio €	World	Mio €	2005	25 298	736 181	
		% of EU-22	2005	3.4	100	
	Extra Eu25	Mio €	2005	9 601	549 798	
		% of EU-22	2005	1.7	100	
	North American Countries	Mio €	2005	1 984	52 363	
		% of EU-22	2005	3.8	100	
	Asia	Mio €	2005	4 980	242 659	
		% of EU-22	2005	2.1	100	
	Africa	Mio €	2005	269	72 241	
		% of EU-22	2005	0.4	100	
	South American Countries	Mio €	2005	268	38 969	
		% of EU-22	2005	0.7	100	
	Exports in Mio €	World	Mio €	2005	44 163	660 870
			% of EU-22	2005	6.7	100
Extra Eu25		Mio €	2005	11 783	450 086	
		% of EU-22	2005	2.6	100	
North American Countries		Mio €	2005	3 537	138 560	
		% of EU-22	2005	2.6	100	
Asia		Mio €	2005	3 078	147 497	
		% of EU-22	2005	2.1	100	
Africa		Mio €	2005	596	54 327	
		% of EU-22	2005	1.1	100	
South American Countries		Mio €	2005	128	20 219	
		% of EU-22	2005	0.6	100	
Share of Imports (1000 tonnes)		World	%	2005	78.8	71.1
		Extra Eu25	%	2005	84.3	77.9
	North American Countries	%	2005	78.5	45.0	
	Asia	%	2005	68.9	73.7	
	Africa	%	2005	93.5	81.1	
	South American Countries	%	2005	97.8	93.2	
Share of Exports (1000 tonnes)	World	%	2005	21.2	28.9	
	Extra Eu25	%	2005	15.7	22.1	
	North American Countries	%	2005	21.5	55.0	
	Asia	%	2005	31.1	26.3	
	Africa	%	2005	6.5	18.9	
	South American Countries	%	2005	2.2	6.8	



		Unit	Year	National level	EU having sea coasts
Share of Imports (Mio €)	World	%	2005	36.4	52.7
	Extra Eu25	%	2005	44.9	55.0
	North American Countries	%	2005	35.9	27.4
	Asia	%	2005	61.8	62.2
	Africa	%	2005	31.1	57.1
	South American Countries	%	2005	67.8	65.8
Share of Exports (Mio €)	World	%	2005	63.6	47.3
	Extra Eu25	%	2005	55.1	45.0
	North American Countries	%	2005	64.1	72.6
	Asia	%	2005	38.2	37.8
	Africa	%	2005	68.9	42.9
	South American Countries	%	2005	32.2	34.2

Source: Eurostat (Comext)

### • Fisheries

		Unit	Year	National level	EU having sea coasts
Catches by fishing area	Mainline animals (tonnes) for All fishing areas	Tonnes	2008	210 089	4 924 389
		% of EU-22	2008	4.3	100
	Of which: North-east Atlantic	Tonnes	2008	210 089	3 094 110
		% of EU-22	2008	5.7	100
Employment in the fishery sector	Fishing (Total)	Persons	2005	10 584	234 551
		% of EU-22	2005	4.0	100

Source: Eurostat (Agriculture and fisheries)

### • Research Development

		Unit	Year	National level	EU having sea coasts
Patent application to the EPO	Ships or other waterborne vessels; related equipment	Per Mio of Inhab	2003	0.252	0.435

Source: Eurostat (Science and Technology (Patent))

### • Environment

		Unit	Year	National level	EU having sea coasts
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	122	14 345
	Areas complying with guide values	Value	2006	111	12 680
	Areas complying with mandatory values	Value	2006	7	1 112
	Areas not complying with mandatory values	Value	2006	4	217
	Areas not sufficiently sampled or data not available	Value	2006	0	57
	Areas where bathing was prohibited	Value	2006	0	270

## Chapter 2 - Coastal and sea area profiles - Ireland

		Unit	Year	National level	EU having sea coasts
Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0	100.0
	Areas complying with guide values	%	2006	91.0	77.5
	Areas complying with mandatory values	%	2006	5.7	19.1
	Areas not complying with mandatory values	%	2006	3.3	2.8
	Areas not sufficiently sampled or data not available	%	2006	0.0	0.1
	Areas where bathing was prohibited	%	2006	0.0	0.5
Protected marine area <sup>(2)</sup>		km <sup>2</sup>	2007	3 386	78 282
		% of EU-22	2007	4.3	100

(1) Source: Eurostat (Environment)

(2) Source: DG ENV

### • Ports activity

		Unit	Year	National level	EU having sea coasts
Maritime transport - Number of passengers	Total	1000 passengers	2006	3 207	397 550
		% of EU-22	2006	0.8	100
	Inwards	1000 passengers	2006	1 665	199 384
		% of EU-22	2006	0.8	100
	Outwards	1000 passengers	2006	1 542	198 164
		% of EU-22	2006	0.8	100
Maritime goods transports in weight between Maritime Coastal Area	Total	1000 tonnes	2006	36 448	3 512 401
		% of EU-22	2006	1.0	100
	Inwards	1000 tonnes	2006	25 895	2 350 247
		% of EU-22	2006	1.1	100
	Outwards	1000 tonnes	2006	11 232	1 350 770
		% of EU-22	2006	0.8	100

Source: Eurostat (Transport)

### 3.7 Greece



### General figures

- Greece is a country comprising more than 6 000 islands and islets. This feature results in the presence of an extensive coastline of 18 090 km, which is the fourth largest in the EU, representing 13.3% of the total EU coastline. Greece has one coastal region which lies in the Aegean Sea in the East, the Ionian Sea in the West and the Libyan Sea in the South. The Greek coastal zone (within a range of 10 km from the coast) covers 49 442 km<sup>2</sup> (13.3% of the corresponding EU's coastal area), and is the second largest in the EU.
- As of 2006, 10.4 million people, or 93.6% of the country's population lived in coastal regions. The average density of the coastal regions' population is 94 inhabitants/km<sup>2</sup> and is slightly lower than the respective average density in the total EU-22 coastal regions (108 inhabitants/km<sup>2</sup>).
- Given the country's geographical morphology, coastal regions are key regions for the development of the Greek economy. They are responsible for 50.3% of the country's gross value added, or EUR 642.7 million in absolute terms (2005 data). This value represents 15.3% of the gross value added produced by the coastal areas of the EU-22 Member States and 6.8% of the total EU-22 gross added value. Coastal regions produce 95.3% of the country's gross value added, in absolute numbers EUR 69.7 million (2005 prices). This value represented 4% of the total gross added value produced in the all the EU-22 coastal areas.
- 4.3 million persons, the equivalent of 94.3% of the country's total labour force, is employed in the country's coastal regions (2004 data). This is the outcome of the concentration of the production activities in coastal regions, and the fact that the majority of the large cities are located near the coastline. In total, these persons employed represent 6.4% of the total employment in the EU-22 coastal areas.
- Greece protects 5 998 km<sup>2</sup> of marine sea areas. This area represents the 7.7% of all the protected marine sea areas in the EU and ranks fourth in terms of size among the EU-22 coastal Member States. 96.9% of the bathing sea water areas comply with the guide values on water quality while another 2.8% is complying with the relevant mandatory values (2006 data).

### Significant Economic Activities

- The GDP per inhabitant generated by economic activities undertaken in the Greek coastal regions is 18 256 € per inhabitant (2005 prices) and stands at 79.4% of the average GDP per inhabitant in the EU-22 coastal Member States.
- 84.7% of the unemployed persons are living in the coastal regions of Greece, as the majority of the country's population lives there.
- Greece ranks 15th worldwide as a tourist destination and tourism is hence one of the most important economic sectors in Greece<sup>(1)</sup>. Almost 196 000 persons are working in the coastal tourism sector, while touristic activities contributes about 19% to the annual Gross National Product<sup>(2)</sup>. According to 2006 data, 8 769 hotel units, or 96.2% of the country's total, operate in coastal regions. This hotel infrastructure represents 9.1% of the total hotel units in the EU's coastal regions and 4.9% of the total hotel units in the entire EU.

<sup>(1)</sup> Source: European Commission-Maritime Affairs. Facts & figures on maritime Europe (available at : [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html))

<sup>(2)</sup> Employment data sources: European Commission, DG Fisheries and Maritime Affairs studies: "Employment trends in all sectors related to the sea or using sea resources" and "Employment in the fisheries sector" as reported in: [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html)

- Agriculture contributes 4.1% to the gross added value produced in the Greek coastal regions. By generating more than EUR 7 billion gross added value (2005 data), agricultural activities in coastal regions represent 6.8% of the total contribution of agriculture by all the EU's coastal regions. It also stands for 91.3% of Greece's total agriculture production. The proportion of arable land is 47.6% of the coastal regions' surface. The livestock density per holding is only 8 units (2005 data), which is almost four times lower than the average density in the EU. and almost half of the average density in the EU-22 coastal Member States.
- Fishing is another important economic activity in Greek coastal regions. According to 2006 data, 13 199 people were working in the fishing sector, a share of 5% in the EU's-22 total labour force working in the fishing sector. The country's production in 2006 amounted to 94 309 tonnes of marine animals, representing 1.9% of the EU-22 total fishing production.
- Port-related economic activities with reference to passenger or cargo traffic represent another important economic activity. This is not least because of the presence of numerous inhabited islands within the country's territory. Passenger traffic in Greek ports reached almost 90.5 million passengers in 2006. This is the highest volume of its kind among the EU Member States and represents 22.7% of the total EU port passenger traffic. The country's ports also handled 108 million tonnes of cargo, or 3.1 % of the corresponding EU-22 throughput, with an inward/outward ratio of 1.38. The country's leading ports are Piraeus, Thessaloniki, Heraklion, (cargo and passenger traffic), Patras, and Igoumenitsa (passenger traffic).
- In 2005 Greek imports were valued EUR 19.6 billion while the exports value was EUR 5.5 billion.

## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Greece	EU	Greece	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	111 496	1 772 768	131 957	4 095 998
	% of National	2006	84.5	-	100	-
	% of EU coast	2006	6.3	100	-	-
	% of EU-22	2006	2.7	43.3	3.2	100
Length of coasts <sup>(2)</sup>	km		-	-	18 090	136 106
	% of EU-22		-	-	13.3	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	49442	416446
	% of EU-22		-	-	11.9	100
Population <sup>(1)</sup>	1000 Inhab.	2006	10 432	199 353	11 149	458 036
	% of National	2006	93.6	-	100	-
	% of EU coast	2006	5.2	100	-	-
	% of EU-22	2006	2.3	43.5	2.4	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			Greece	EU	Greece	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km <sup>2</sup>	2005	94	100	85	108
Crude Birth rate <sup>(3)</sup>	1000 Inhab.	2006	10.1	10.3	10.1	10.1
Crude Death rate <sup>(3)</sup>	1000 Inhab.	2006	9.4	9.4	9.5	10.0
Old age Dependency ratio <sup>(4)</sup>	Per 100 adults	2001	26	25	25	24

(3) Source: Eurostat (Regio)

(4) Source: Eurostat (Census)

### • Economics

	Unit	Year	Coastal regions		All regions	
			Greece	EU	Greece	EU having sea coasts
GDP at current market prices	€/inhab	2005	18 256	24 294	17 921	22 984
	Index	2005	79.4	105.7	78.0	100
Gross value added at basic prices	Mio €	2005	169 682	4 200 194	178 017	9 383 477
	% of National	2005	95.3	-	100	-
	% of EU coast	2005	4.0	100	-	-
	% of EU-22	2005	1.8	44.8	1.9	100
Gross value added in agriculture sector	Mio €	2005	7 027	103 792	7 697	200 011
	% of total GVA	2005	4.1	2.5	4.3	2.1
	% of National	2005	91.3	-	100	-
	% of EU coast	2005	6.8	100	-	-
	% of EU-22	2005	3.5	51.9	3.8	100

	<i>Unit</i>	<i>Year</i>	<i>Coastal regions</i>		<i>All regions</i>	
			<i>Greece</i>	<i>EU</i>	<i>Greece</i>	<i>EU having sea coasts</i>
Gross value added in industry sector	Mio €	2005	36 751	1 042 638	39 462	2 492 759
	% of total GVA	2005	21.7	24.8	22.2	26.6
	% of National	2005	93.1	-	100	-
	% of EU coast	2005	3.5	100	-	-
	% of EU-22	2005	1.5	41.8	1.6	100
Gross value added in service sector	Mio €	2005	125 904	3 053 764	130 858	6 690 707
	% of total GVA	2005	74.2	72.7	73.5	71.3
	% of National	2005	96.2	-	100	-
	% of EU coast	2005	4.1	100	-	-
	% of EU-22	2005	1.9	45.6	2.0	100

Source: Eurostat (Regio)

### • Labour market

	<i>Unit</i>	<i>Year</i>	<i>Coastal regions</i>		<i>All regions</i>	
			<i>Greece</i>	<i>EU</i>	<i>Greece</i>	<i>EU having sea coasts</i>
Employment	1000 persons	2004	4 294	67 012	4 554	188 779
	% of National	2004	94.3	-	100	-
	% of EU coast	2004	6.4	100	-	-
	% of EU-22	2004	2.3	35.5	2.4	100
Unemployment - Men between 15 and 24 years	1000 persons	2006	19	571	39	2 355
	% of National	2006	48.2	-	100	-
	% of EU coast	2006	3.3	100	-	-
	% of EU-22	2006	0.8	24.2	1.6	100
Unemployment - Men aged 25 years and over	1000 persons	2006	96	1 736	124	6 858
	% of National	2006	77.4	-	100	-
	% of EU coast	2006	5.5	100	-	-
	% of EU-22	2006	1.4	25.3	1.8	100
Unemployment - Women between 15 and 24 years	1000 persons	2006	32	525	60	2 043
	% of National	2006	53.6	-	100	-
	% of EU coast	2006	6.1	100	-	-
	% of EU-22	2006	1.6	25.7	2.9	100
Unemployment - Women aged 25 years and over	1000 persons	2006	181	1 822	212	6 765
	% of National	2006	85.2	-	100	-
	% of EU coast	2006	9.9	100	-	-
	% of EU-22	2006	2.7	26.9	3.1	100

Source: Eurostat (Regio)

### • Education

	Unit	Year	Coastal regions		All regions	
			Greece	EU	Greece	EU having sea coasts
Population having university level education	%	2001	18.9	20.8	22.7	20.1
	Index	2001	93.8	103.5	112.7	100

Source: Eurostat (Census)

### • Agriculture

	Unit	Year	Coastal regions		All regions	
			Greece	EU	Greece	EU having sea coasts
Agricultural area	1000 ha	2005	2 192	42 976	2 467	138 246
	% of National	2005	88.9	-	100	-
	% of EU coast	2005	5.1	100	-	-
	% of EU-22	2005	1.6	31.1	1.8	100
Proportion of arable land	%	2005	47.6	51.5	51.7	60.2
Livestock density per holding	Livestock Unit	2005	8	30	8	17
Standard gross margin	Per holding	2005	7	15	7	11
Standard gross margin	Per Annual Working Unit	2005	9	17	9	12

Source: Eurostat (Regio)

### • Tourism

	Unit	Year	Coastal regions		All regions	
			Greece	EU	Greece	EU having sea coasts
Number of hotels	Unit	2006	8 769	95 928	9 111	179 346
	% of National	2006	96.2	-	100	-
	% of EU coast	2006	9.1	100	-	-
	% of EU-22	2006	4.9	53.5	5.1	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • Enterprise statistics

	NACE	Unit	Year	National level	EU having sea coasts
Labour cost per employee FTE	Building and repairing of ships	1000 €	2005	27.2	42.7
	Building and repairing of pleasure and sporting boats	1000 €	2005	14.5	32.4

Source: Eurostat (Structural business statistics)



### • External trade by sea

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	38 684	1 398 482	
		% of EU-22	2005	2.8	100	
	Extra Eu25	1000 tonnes	2005	32 359	1 177 573	
		% of EU-22	2005	2.7	100	
	North American Countries	1000 tonnes	2005	1 105	77 094	
		% of EU-22	2005	1.4	100	
	Asia	1000 tonnes	2005	14 363	248 886	
		% of EU-22	2005	5.8	100	
	Africa	1000 tonnes	2005	3 577	247 201	
		% of EU-22	2005	1.4	100	
	South American Countries	1000 tonnes	2005	1 190	168 673	
		% of EU-22	2005	0.7	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	14 875	567 528
			% of EU-22	2005	2.6	100
Extra Eu25		1000 tonnes	2005	9 882	334 751	
		% of EU-22	2005	3.0	100	
North American Countries		1000 tonnes	2005	3 180	94 400	
		% of EU-22	2005	3.4	100	
Asia		1000 tonnes	2005	1 940	88 604	
		% of EU-22	2005	2.2	100	
Africa		1000 tonnes	2005	1 538	57 663	
		% of EU-22	2005	2.7	100	
South American Countries		1000 tonnes	2005	97	12 324	
		% of EU-22	2005	0.8	100	
Imports in Mio €		World	Mio €	2005	19 622	736 181
			% of EU-22	2005	2.7	100
	Extra Eu25	Mio €	2005	13 615	549 798	
		% of EU-22	2005	2.5	100	
	North American Countries	Mio €	2005	535	52 363	
		% of EU-22	2005	1.0	100	
	Asia	Mio €	2005	7 581	242 659	
		% of EU-22	2005	3.1	100	
	Africa	Mio €	2005	1 084	72 241	
		% of EU-22	2005	1.5	100	
	South American Countries	Mio €	2005	397	38 969	
		% of EU-22	2005	1.0	100	

## Chapter 2 - Coastal and sea area profiles - Greece

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Exports in Mio €	World	Mio €	2005	5 523	660 870	
		% of EU-22	2005	0.8	100	
	Extra Eu25	Mio €	2005	3 287	450 086	
		% of EU-22	2005	0.7	100	
	North American Countries	Mio €	2005	665	138 560	
		% of EU-22	2005	0.5	100	
	Asia	Mio €	2005	1 031	147 497	
		% of EU-22	2005	0.7	100	
	Africa	Mio €	2005	575	54 327	
		% of EU-22	2005	1.1	100	
	South American Countries	Mio €	2005	65	20 219	
		% of EU-22	2005	0.3	100	
	Share of Imports (1000 tonnes)	World	%	2005	72.2	71.1
		Extra Eu25	%	2005	76.6	77.9
North American Countries		%	2005	25.8	45.0	
Asia		%	2005	88.1	73.7	
Africa		%	2005	69.9	81.1	
South American Countries		%	2005	92.4	93.2	
Share of Exports (1000 tonnes)	World	%	2005	27.8	28.9	
	Extra Eu25	%	2005	23.4	22.1	
	North American Countries	%	2005	74.2	55.0	
	Asia	%	2005	11.9	26.3	
	Africa	%	2005	30.1	18.9	
	South American Countries	%	2005	7.6	6.8	
Share of Imports (Mio €)	World	%	2005	78.0	52.7	
	Extra Eu25	%	2005	80.6	55.0	
	North American Countries	%	2005	44.6	27.4	
	Asia	%	2005	88.0	62.2	
	Africa	%	2005	65.3	57.1	
	South American Countries	%	2005	86.0	65.8	
Share of Exports (Mio €)	World	%	2005	22.0	47.3	
	Extra Eu25	%	2005	19.4	45.0	
	North American Countries	%	2005	55.4	72.6	
	Asia	%	2005	12.0	37.8	
	Africa	%	2005	34.7	42.9	
	South American Countries	%	2005	14.0	34.2	

Source: Eurostat (Comext)

### • Fisheries

		Unit	Year	National level	EU having sea coasts
Catches by fishing area	Marine animals (tonnes) for All fishing areas	Tonnes	2006	94 309	4 824 389
		% of EU-22	2006	1.9	100
	Mediterranean and Black Sea	Tonnes	2006	89 819	930 858
		% of EU-22	2006	18.0	100
Employment in the fishery sector	Fishing (Total)	Persons	2006	13 199	234 551
		% of EU-22	2006	5.0	100
	Fishing - Marine (Coastal)	Persons	2006	11 788	29 987
		% of EU-22	2006	39.2	100
	Fishing - Marine (Deep-sea)	Persons	2006	1 433	9 667
		% of EU-22	2006	14.8	100

Source: Eurostat (Agriculture and fisheries)

### • Research Development

		Unit	Year	National level	EU having sea coasts
Patent application to the EPO	Ships or other waterborne vessels; related equipment	Per kilo of Inhab	2005	0.090	0.122

Source: Eurostat (Science and Technology (Patent))

### • Environment

		Unit	Year	National level	EU having sea coasts
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	2 047	14 345
	Areas complying with guide values	Value	2006	1 983	12 680
	Areas complying with mandatory values	Value	2006	57	1 112
	Areas not complying with mandatory values	Value	2006	0	217
	Areas not sufficiently sampled or data not available	Value	2006	7	57
	Areas where bathing was prohibited	Value	2006	0	279

## Chapter 2 - Coastal and sea area profiles - Greece

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0	100.0
	Areas complying with guide values	%	2006	96.9	77.5
	Areas complying with mandatory values	%	2006	2.8	19.1
	Areas not complying with mandatory values	%	2006	0.0	2.8
	Areas not sufficiently sampled or data not available	%	2006	0.3	0.1
	Areas where bathing was prohibited	%	2006	0.0	0.5
Protected marine area <sup>(2)</sup>		km <sup>2</sup>	2007	5 998	78 282
		% of EU-22	2007	7.7	100

(1) Source: Eurostat (Environment)

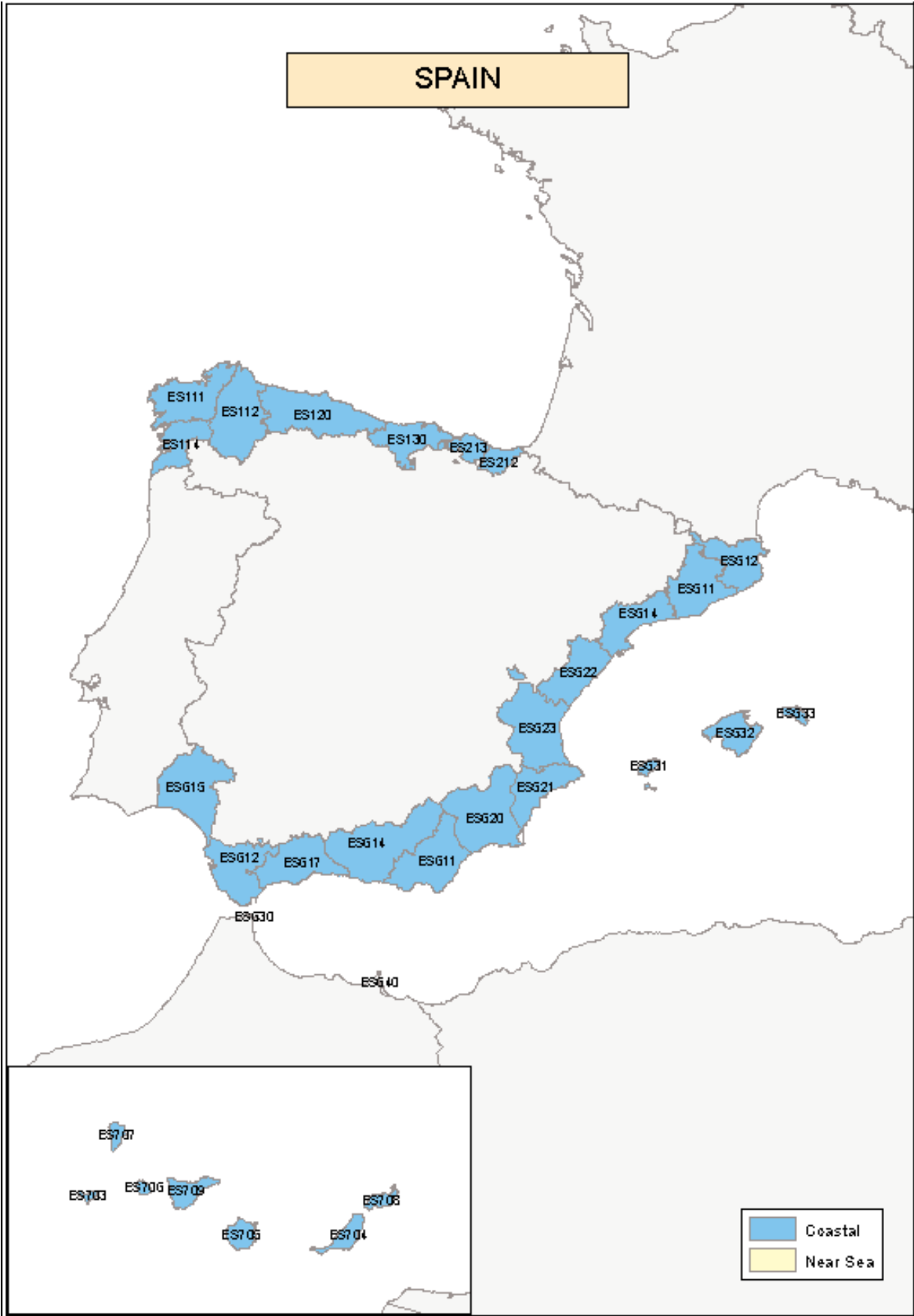
(2) Source: DG ENV

### • Ports activity

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Maritime transport - Number of passengers	Total	1000 passengers	2006	90 402	397 550
		% of EU-22	2006	22.7	100
	Inwards	1000 passengers	2006	45 291	199 384
		% of EU-22	2006	22.7	100
	Outwards	1000 passengers	2006	45 112	198 164
		% of EU-22	2006	22.8	100
Maritime goods transports in weight between Maritime Coastal Area	Total	1000 tonnes	2006	108 004	3 512 401
		% of EU-22	2006	3.1	100
	Inwards	1000 tonnes	2006	75 966	2 350 247
		% of EU-22	2006	3.2	100
	Outwards	1000 tonnes	2006	55 537	1 350 770
		% of EU-22	2006	4.1	100

Source: Eurostat (Transport)

### 3.8 Spain



### General figures

- Spain has a 9 082 km coastline, which represents 6.7% of the total EU-22 coastline length. The Spanish coastal zone (within a range of 10 km from the coast) covers 38 596 km<sup>2</sup> and has a share of 9.3% of the total EU coastal area.
- Spain has three coastal regions, the Atlantic Ocean region, the Mediterranean Sea region and the Outermost region. The latter includes the Canary Islands.
- 25.69 million people - 59.2% of the country's total population - live in these coastal regions. This population is the third biggest population group among those living in the EU-22 coastal Member States. The population density in the Spanish coastal regions is 154 inhabitants per km<sup>2</sup>, almost 34% over the average density observed in the EU-22. The Mediterranean region has an 18.4% higher population density (161 inhabitants/km<sup>2</sup>) than the Atlantic region (136 inhabitants/km<sup>2</sup>).
- Spanish coastal regions generated 55.7% (2005 data) of the country's gross value added. The EUR 453.5 million per annum corresponds to 10.8% of the total value generated in all the EU-22 coastal regions.
- About 9.6 million people - or 51.9% of the country's employed labour force (2004 data) - are employed in the coastal regions. These jobs represent 14.3% of the total employed labour force in the EU-22 coastal areas and 5.1% of the employed labour force throughout the EU-22 coastal Member States.
- Spain protects 5 217 km<sup>2</sup> of marine sea area, a surface which stands at 6.7% of the total marine protected areas of the EU-22. 92.7% of the Spanish bathing areas comply with guide values on water quality, while another 6.2% comply with only the relevant mandatory values (2006 data).

### Significant Economic Activities

- The GDP per inhabitant in the Spanish coastal regions was 20 582 in 2005. This is 15.7% lower than the average GDP per inhabitant in the EU-22 coastal regions. The GDP does not differ between the Atlantic Ocean coast and the Mediterranean coast.
- Tourism is a key economic activity in Spain's coastal regions, especially along the Mediterranean. In total, 11 541 hotel units are located in these regions. These units are 63.1% of the country's total and 12% of the corresponding total hotel infrastructure in the EU-22 coastal regions. 66.3% of these hotels are located in the Mediterranean regions while another 29.1% are located in the Atlantic regions (2006 data). Coastal tourism provides approximately 1.5 million jobs in total<sup>(1)</sup>.
- Agriculture produced EUR 2.2 billion, or 2.7%, of the coastal region's total gross value added (2005 data). This value represents 11.8% of the corresponding agriculture gross value added in the EU-22 coastal regions and 6.1% of the total gross value added generated by the agriculture sector in the EU-22 coastal Member States. The proportion of arable land is 28% of the total coastal areas. Most of this arable land (79.8%) lies in the Mediterranean region, while the remainder is located in the Atlantic region. The livestock density is 31 units per holding, with a remarkable difference existing between the two major coastal regions. In the Mediterranean region the livestock density per holding is 61 units while in the Atlantic region the corresponding density is only 17.

<sup>(1)</sup> Employment data sources: European Commission, DG Fisheries and Maritime Affairs studies: "Employment trends in all sectors related to the sea or using sea resources" and "Employment in the fisheries sector" as reported in: [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html)

- The Spanish fishing sector is an important economic generator, which employs 55 800 persons (2005 data), or 21.1% of the total employment in the fishing sector in all the EU-22 coastal Member States.
- In 2006, the Spanish ports handled 22.17 million passengers and 389.6 million tonnes of maritime goods with the inwards/outwards ratio of the latter being about 5:2. The leading Spanish ports are Algeciras, Barcelona (cargo and passenger traffic), Valencia, Bilbao and Tarragona (cargo traffic).
- The value of Spanish imports reached EUR 79.74 billion in 2005 while the total exports value was EUR 42.1 billion.

## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Spain	EU	Spain	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	154 856	1 772 768	505 987	4 095 998
	% of National	2006	30.6	-	100	-
	% of EU coast	2006	8.7	100	-	-
	% of EU-22	2006	3.8	43.3	12.4	100
Length of coasts <sup>(2)</sup>	km		-	-	9 082	136 106
	% of EU-22		-	-	6.7	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	38596	416446
	% of EU-22		-	-	9.3	100
Population <sup>(1)</sup>	1000 Inhab.	2005	25 691	199 015	43 398	457 589
	% of National	2005	59.2	-	100	-
	% of EU coast	2005	12.9	100	-	-
	% of EU-22	2005	5.6	43.5	9.5	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			Spain	EU	Spain	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km <sup>2</sup>	2003	154	115	83	113
Crude Birth rate <sup>(3)</sup>	1000 Inhab.	2005	10.9	11.0	10.7	10.4
Crude Death rate <sup>(3)</sup>	1000 Inhab.	2005	9.0	9.5	8.9	9.7
Old age Dependency ratio <sup>(4)</sup>	Per 100 adults	2001	24	25	24	24

(3) Source: Eurostat (Regio)

(4) Source: Eurostat (Census)

### • Economics

	Unit	Year	Coastal regions		All regions	
			Spain	EU	Spain	EU having sea coasts
GDP at current market prices	€/inhab	2005	20 582	24 294	20 933	22 984
	Index	2005	89.6	105.7	91.1	100
Gross value added at basic prices	Mio €	2005	453 422	4 200 194	813 434	9 383 477
	% of National	2005	55.7	-	100	-
	% of EU coast	2005	10.8	100	-	-
	% of EU-22	2005	4.8	44.8	8.7	100
Gross value added in agriculture sector	Mio €	2005	12 205	103 792	25 877	200 011
	% of total GVA	2005	2.7	2.5	3.2	2.1
	% of National	2005	47.2	-	100	-
	% of EU coast	2005	11.8	100	-	-
	% of EU-22	2005	6.1	51.9	12.9	100



	Unit	Year	Coastal regions		All regions	
			Spain	EU	Spain	EU having sea coasts
Gross value added in industry sector	Mio €	2005	142 387	1 042 638	243 962	2 492 759
	% of total GVA	2005	31.4	24.8	30.0	26.6
	% of National	2005	58.4	-	100	-
	% of EU coast	2005	13.7	100	-	-
	% of EU-22	2005	5.7	41.8	9.8	100
Gross value added in service sector	Mio €	2005	298 830	3 053 764	543 595	6 690 707
	% of total GVA	2005	65.9	72.7	66.8	71.3
	% of National	2005	55.0	-	100	-
	% of EU coast	2005	9.8	100	-	-
	% of EU-22	2005	4.5	45.6	8.1	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			Spain	EU	Spain	EU having sea coasts
Employment	1000 persons	2004	9 598	67 012	18 502	188 779
	% of National	2004	51.9	-	100	-
	% of EU coast	2004	14.3	100	-	-
	% of EU-22	2004	5.1	35.5	9.8	100
Unemployment - Men between 15 and 24 years	1000 persons	2006	111	571	206	2 355
	% of National	2006	54.0	-	100	-
	% of EU coast	2006	19.5	100	-	-
	% of EU-22	2006	4.7	24.2	8.7	100
Unemployment - Men aged 25 years and over	1000 persons	2006	316	1 736	586	6 858
	% of National	2006	53.9	-	100	-
	% of EU coast	2006	18.2	100	-	-
	% of EU-22	2006	4.6	25.3	8.5	100
Unemployment - Women between 15 and 24 years	1000 persons	2006	126	525	238	2 043
	% of National	2006	53.0	-	100	-
	% of EU coast	2006	24.0	100	-	-
	% of EU-22	2006	6.2	25.7	11.6	100
Unemployment - Women aged 25 years and over	1000 persons	2006	409	1 822	808	6 765
	% of National	2006	50.6	-	100	-
	% of EU coast	2006	22.4	100	-	-
	% of EU-22	2006	6.0	26.9	11.9	100

Source: Eurostat (Regio)

## Chapter 2 - Coastal and sea area profiles - Spain

### • Education

	Unit	Year	Coastal regions		All regions	
			Spain	EU	Spain	EU having sea coasts
Population having university educational level	%	2001	10.2	20.8	11.1	20.1
	Index	2001	50.7	103.5	55.4	100

Source: Eurostat (Census)

### • Agriculture

	Unit	Year	Coastal regions		All regions	
			Spain	EU	Spain	EU having sea coasts
Agricultural area	1000 ha	2005	2 592	42 976	17 461	138 246
	% of National	2005	14.8	-	100	-
	% of EU coast	2005	6.0	100	-	-
	% of EU-22	2005	1.9	31.1	12.6	100
Proportion of arable land	%	2005	28.0	51.5	48.0	60.2
Livestock density per holding	Livestock Unit	2005	31	30	49	17
Standard gross margin	Per holding	2005	15	15	19	11
Standard gross margin	Per Annual Working Unit	2005	15	17	20	12

Source: Eurostat (Regio)

### • Tourism

	Unit	Year	Coastal regions		All regions	
			Spain	EU	Spain	EU having sea coasts
Number of hotels	Unit	2006	11 541	95 928	18 304	179 346
	% of National	2006	63.1	-	100	-
	% of EU coast	2006	12.0	100	-	-
	% of EU-22	2006	6.4	53.5	10.2	100

Source: Eurostat (Tourism)

## Coastal areas description

### • Demography

	Unit	Year	Spanish coastal regions			Total
			Atlantic Ocean	Mediterranean Sea	Outermost regions	
Population density <sup>(1)</sup>	Inhab./km <sup>2</sup>	2003	136	161		154
Crude Birth rate <sup>(1)</sup>	1000 Inhab.	2005	8.4	11.8		10.9
Crude Death rate <sup>(1)</sup>	1000 Inhab.	2005	10.3	8.6		9.0
Old age Dependency ratio <sup>(2)</sup>	Per 100 adults	2001	28.3	22.6		24.1

(1) Source: Eurostat (Regio)

(2) Source: Eurostat (Census)

## • Economics

<i>Spanish coastal regions</i>						
	<i>Unit</i>	<i>Year</i>	<i>Atlantic Ocean</i>	<i>Mediterr. Sea</i>	<i>Outer-most regions</i>	<i>Total</i>
GDP at current market prices	€/inhab	2005	20 563	20 589		20 582
	Index	2005	99.9	100.0		100
Gross value added at basic prices	%	2005	2 3.6	6 9.2	7.3	100
Gross value added in agriculture sector	%	2005	2 6.9	6 9.1	4.0	100
Gross value added in industry sector	%	2005	2 6.9	6 8.7	4.4	100
Gross value added in service sector	%	2005	2 1.8	6 9.4	8.7	100

Source: Eurostat (Regio)

## • Labour market

<i>Spanish coastal regions</i>						
	<i>Unit</i>	<i>Year</i>	<i>Atlantic Ocean</i>	<i>Mediterr. Sea</i>	<i>Outer-most regions</i>	<i>Total</i>
Employment	%	2004	25.2	74.8		100
Unemployment - Men between 15 and 24 years	%	2006	2 1.5	7 8.5		100
Unemployment - Men aged 25 years and over	%	2006	2 1.6	7 8.4		100
Unemployment - Women between 15 and 24 years	%	2006	2 0.6	7 9.4		100
Unemployment - Women aged 25 years and over	%	2006	2 5.2	7 4.8		100

Source: Eurostat (Regio)

## • Education

<i>Spanish coastal regions</i>						
	<i>Unit</i>	<i>Year</i>	<i>Atlantic Ocean</i>	<i>Mediterr. Sea</i>	<i>Outer-most regions</i>	<i>Total</i>
Population having university educational level	%	2001	11.3	9.8		10.2
	Index	2001	110.9	96.1		100

Source: Eurostat (Census)

### • Agriculture

	Unit	Year	Spanish coastal regions			Total
			Atlantic Ocean	Mediterr. Sea	Outer-most regions	
Agricultural area	%	2005	2 0.2	7 9.8		100
Proportion of arable land	%	2005	10.6	35.0		28.0
Livestock density per holding	Livestock Unit	2005	17	61		31
Standard gross margin	Per holding	2005	9	18		15
Standard gross margin	Per Annual Working Unit	2005	7	20		15

Source: Eurostat (Regio)

### • Tourism

	Unit	Year	Spanish coastal regions			Total
			Atlantic Ocean	Mediterr. Sea	Outer-most regions	
Number of hotels	%	2006	29.1	66.3	4.6	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • Enterprise statistics

	NACE	Unit	Year	National level	EU having sea coasts
Labour cost per employee FTE	Building and repairing of ships	1000 €	2005	36.5	42.7
	Building and repairing of pleasure and sporting boats	1000 €	2005	26.2	32.4

Source: Eurostat (Structural business statistics)

### • External trade by sea

Imports in 1000 tonnes	World	1000 tonnes	2005	210 328	1 398 482
		% of EU-22	2005	15.0	100
	Extra Eu25	1000 tonnes	2005	177 962	1 177 573
		% of EU-22	2005	15.1	100
	North American Countries	1000 tonnes	2005	10 298	77 094
		% of EU-22	2005	13.4	100
	Asia	1000 tonnes	2005	38 945	248 886
		% of EU-22	2005	15.6	100
	Africa	1000 tonnes	2005	56 958	247 201
		% of EU-22	2005	23.0	100
	South American Countries	1000 tonnes	2005	22 461	168 673
		% of EU-22	2005	13.3	100

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Exports in 1000 tonnes	World	1000 tonnes	2005	50 960	567 528	
		% of EU-22	2005	9.0	100	
	Extra Eu25	1000 tonnes	2005	33 855	334 751	
		% of EU-22	2005	10.1	100	
	North American Countries	1000 tonnes	2005	5 360	94 400	
		% of EU-22	2005	5.7	100	
	Asia	1000 tonnes	2005	6 332	88 604	
		% of EU-22	2005	7.1	100	
	Africa	1000 tonnes	2005	7 639	57 663	
		% of EU-22	2005	13.2	100	
	South American Countries	1000 tonnes	2005	2 692	12 324	
		% of EU-22	2005	21.8	100	
	Imports in Mio €	World	Mio €	2005	79 740	736 181
			% of EU-22	2005	10.8	100
Extra Eu25		Mio €	2005	64 197	549 798	
		% of EU-22	2005	11.7	100	
North American Countries		Mio €	2005	3 655	52 363	
		% of EU-22	2005	7.0	100	
Asia		Mio €	2005	25 920	242 659	
		% of EU-22	2005	10.7	100	
Africa		Mio €	2005	15 097	72 241	
		% of EU-22	2005	20.9	100	
South American Countries		Mio €	2005	5 925	38 969	
		% of EU-22	2005	15.2	100	
Exports in Mio €		World	Mio €	2005	42 083	660 870
			% of EU-22	2005	6.4	100
	Extra Eu25	Mio €	2005	28 360	450 086	
		% of EU-22	2005	6.3	100	
	North American Countries	Mio €	2005	4 962	138 560	
		% of EU-22	2005	3.6	100	
	Asia	Mio €	2005	6 437	147 497	
		% of EU-22	2005	4.4	100	
	Africa	Mio €	2005	5 824	54 327	
		% of EU-22	2005	10.7	100	
	South American Countries	Mio €	2005	2 577	20 219	
		% of EU-22	2005	12.7	100	

## Chapter 2 - Coastal and sea area profiles - Spain

		Unit	Year	National level	EU having sea coasts
Share of Imports (1000 tonnes)	World	%	2005	80.5	71.1
	Extra Eu25	%	2005	84.0	77.9
	North American Countries	%	2005	65.8	45.0
	Asia	%	2005	86.0	73.7
	Africa	%	2005	88.2	81.1
	South American Countries	%	2005	89.3	93.2
Share of Exports (1000 tonnes)	World	%	2005	19.5	28.9
	Extra Eu25	%	2005	16.0	22.1
	North American Countries	%	2005	34.2	55.0
	Asia	%	2005	14.0	26.3
	Africa	%	2005	11.8	18.9
	South American Countries	%	2005	10.7	6.8
Share of Imports (Mio €)	World	%	2005	65.5	52.7
	Extra Eu25	%	2005	69.4	55.0
	North American Countries	%	2005	42.4	27.4
	Asia	%	2005	80.1	62.2
	Africa	%	2005	72.2	57.1
	South American Countries	%	2005	69.7	65.8
Share of Exports (Mio €)	World	%	2005	34.5	47.3
	Extra Eu25	%	2005	30.6	45.0
	North American Countries	%	2005	57.6	72.6
	Asia	%	2005	19.9	37.8
	Africa	%	2005	27.8	42.9
	South American Countries	%	2005	30.3	34.2

Source: Eurostat (Comext)

### • Fisheries

		Unit	Year	National level	EU having sea coasts
Catches by fishing area	Mainline animals (tonnes) for All fishing areas	Tonnes	2008	710 147	4 924 369
		% of EU-22	2008	14.4	100
	Of which: North-east Atlantic	Tonnes	2008	372 629	3 094 110
		% of EU-22	2008	10.1	100
	Mediterranean and Black Sea	Tonnes	2008	130 089	930 658
		% of EU-22	2008	23.3	100
Employment in the fishery sector	Fishing (Total)	Persons	2005	55 800	234 551
		% of EU-22	2005	21.1	100

Source: Eurostat (Agriculture and fisheries)

## • Research Development

		Unit	Year	National level	EU having sea coasts
Patent application to the EPO	Ships or other waterborne vessels; related equipment	Per Mio of Inhab	2004	0.047	0.288

Source: Eurostat (Science and Technology (Patent))

## • Environment

		Unit	Year	National level	EU having sea coasts
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	1 863	14 345
	Areas complying with guide values	Value	2006	1 727	12 680
	Areas complying with mandatory values	Value	2006	116	1 112
	Areas not complying with mandatory values	Value	2006	13	217
	Areas not sufficiently sampled or data not available	Value	2006	7	57
	Areas where bathing was prohibited	Value	2006	0	279
Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0	100.0
	Areas complying with guide values	%	2006	92.7	77.5
	Areas complying with mandatory values	%	2006	6.2	19.1
	Areas not complying with mandatory values	%	2006	0.7	2.8
	Areas not sufficiently sampled or data not available	%	2006	0.4	0.1
	Areas where bathing was prohibited	%	2006	0.0	0.5
Protected marine area <sup>(2)</sup>		km <sup>2</sup>	2007	5 217	78 282
		% of EU-22	2007	6.7	100

(1) Source: Eurostat (Environment)

(2) Source: DG ENV

## • Ports activity

		Unit	Year	National level	EU having sea coasts
Maritime transport - Number of passengers	Total	1000 passengers	2006	22 167	397 550
		% of EU-22	2006	5.6	100
	Inwards	1000 passengers	2006	11 418	199 384
		% of EU-22	2006	5.7	100
	Outwards	1000 passengers	2006	10 748	198 164
		% of EU-22	2006	5.4	100

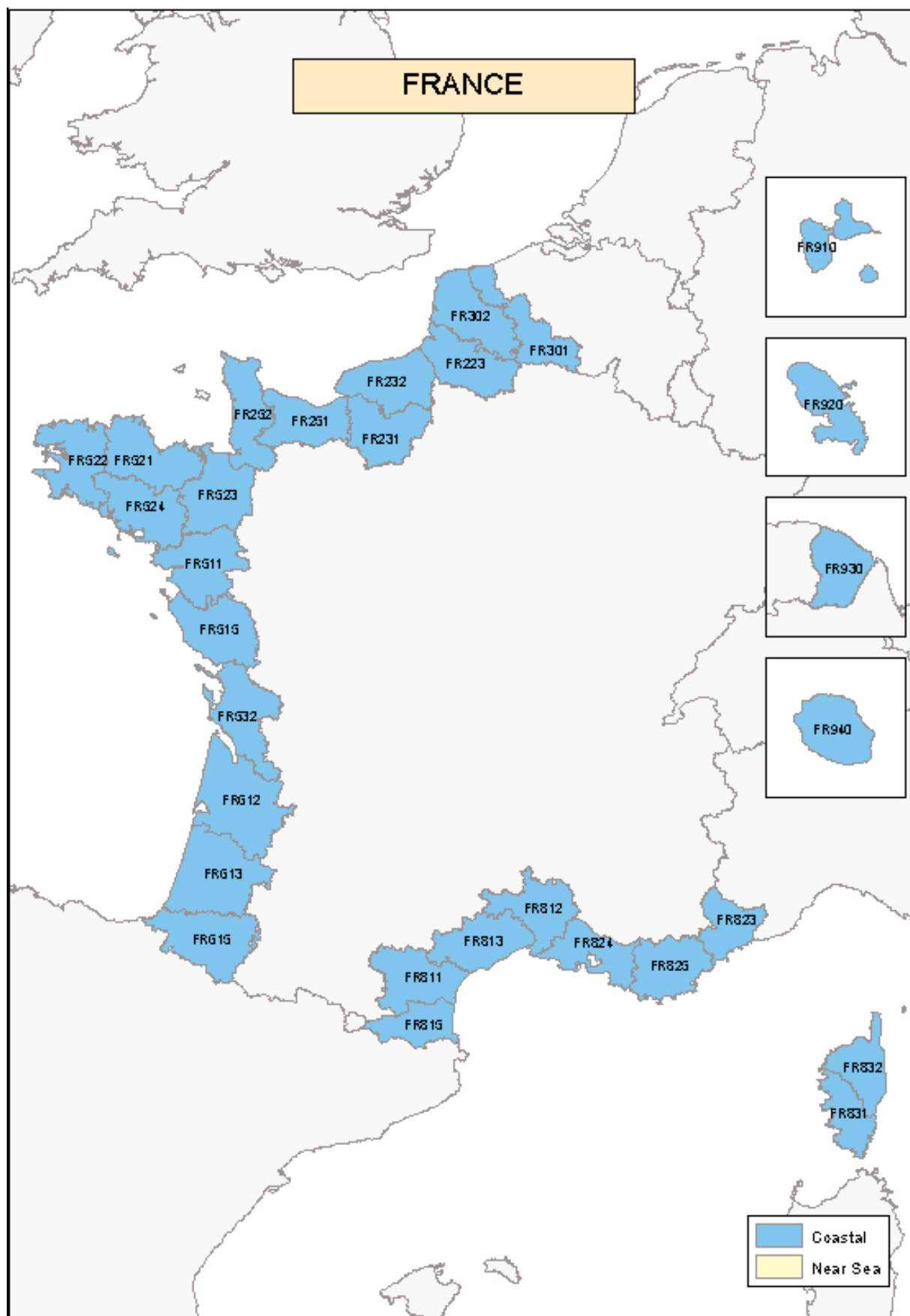
## Chapter 2 - Coastal and sea area profiles - Spain

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Maritime goods transports in weight between Maritime Coastal Area	Total	1000 tonnes	2006	389 615	3 512 401
		% of EU-22	2006	11.1	100
	Inwards	1000 tonnes	2006	298 636	2 350 247
		% of EU-22	2006	12.7	100
	Outwards	1000 tonnes	2006	115 742	1 350 770
		% of EU-22	2006	8.6	100

Source: Eurostat (Transport)



### 3.9 France



### General figures

- France has a coastline length of 8 411 km, which stands at 6.2% of the EU's-22 coastline. In the West, the country borders the Atlantic Ocean while in the South the country's coastline borders the Mediterranean Sea. In total, the French coastal zone (within a range of 10 km from the coast) covers 35 334 km<sup>2</sup>, which corresponds to 8.5% of the total EU coastal area.
- The country has three coastal areas, the Atlantic Ocean, the Mediterranean Sea and the Outermost region which includes the French overseas areas (Guadeloupe, French Guiana, Martinique and Réunion).
- According to 2005 data, 37% of the country's population – or 23.9 million people - lived in coastal regions with an average density of 94 inhabitants per km<sup>2</sup>. This population density is slightly lower compared to the respective average of all the EU-22 coastal regions (108 inhabitants per km<sup>2</sup>). The population of the French coastal areas represented 5.2% of the total EU-22 population.
- A gross added value of EUR 501.86 billion, or 32.6% of the French gross added value, was produced in the country's coastal regions (2005 data). This gross value added represented 11.9% of the gross value added generated by all the EU-22 coastal areas, and 5.3% of the respective EU-22 coastal Member States total.
- The coastal regions of France employ 34.8% of the country's employed labour force. The 8 769 million persons that worked in the coastal regions in 2004 represented 13.1% of the employed citizens in all the EU-22 coastal regions.
- France protects 5 593 km<sup>2</sup> of marine sea areas, according to 2007 data. This area is 7.1% of the total protected sea surface in the EU. France has about 1 900 bathing areas from which 79% comply with guide values on sea water quality and another 17.4% comply with relevant mandatory values.

### Significant Economic Activities

- The per capita GDP generated by economic activities undertaken in the French coastal regions was EUR 23 462 (2005 prices) and was higher by 2.1% of the average GDP per inhabitant in the EU-22.
- A significant imbalance is observed between the country's three coastal areas as regards the population density. According to 2004 data, in the Mediterranean Sea area lived 143 inhabitants/km<sup>2</sup> comparing to 131 inhabitants/km<sup>2</sup> in the Atlantic Ocean area and only 20 inhabitants/km<sup>2</sup> in the Outermost region. At the same time, the GDP per inhabitant in the Outermost region was 31.7% lower than the nation's average GDP per inhabitant. The GDP per inhabitant in the other two coastal regions is 4.4% (Mediterranean Sea region) and 1.8% (Atlantic Ocean area) higher than the national average.
- Tourism plays an important role in the French economy. Almost 191 000 jobs were counted in the coastal tourism sector<sup>(1)</sup>. The existing 6 603 hotel units (as of 2006) represented 36.4% of the country's corresponding infrastructure and 6.9% of the total hotel units in the coastal areas of the EU-22 Member States. More than half of these hotel units (54.9%) are located on the Atlantic shores' region, 41.2% are located in the Mediterranean Sea coastal region and the rest is located in the Outermost region.

<sup>(1)</sup> Employment data sources: European Commission, DG Fisheries and Maritime Affairs studies: "Employment trends in all sectors related to the sea or using sea resources" and "Employment in the fisheries sector" as reported in: [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html)

- Agriculture provides 2.9% of the coastal regions' gross value added, or EUR 14.5 billion per year (2005 data). The arable land covers 68.9% of the coastal region, the majority being in the Atlantic Ocean regions. The average livestock density per holding in the coastal regions is 72 units, about four times the average livestock density in the EU-22 coastal regions. The bigger livestock density is observed in the Atlantic Ocean region with 83 units per holding, followed by the Mediterranean Sea region with 28 units and the Outermost region with only 7 units per holding. France's major agriculture products include wheat, cereals, wine grapes, beef, dairy products and fish.
- 7% of the total labour force employed in the fishing sector in the EU-22 Member States is from the French coastal regions. In total, 18 415 people work in the French fishing sector, which in 2006 produced 563 436 tonnes, representing 11.4% of the total EU-22 production.
- The port industry employs 27 259 people. In 2006 passenger throughput in French ports amounted to 26.4 million, a share of 6.6% of the EU's passenger traffic. During the same year, cargo traffic reached 339.8 million tonnes, with the inwards/outwards ratio being 5:2. The leading ports, handling a very large share of the country's international trade are Le Havre (cargo and passenger traffic), Calais (passenger traffic), Marseille, Nantes, and Bordeaux (cargo traffic).
- The value of France's imports in 2005 was EUR 64.4 billion while that of exports was EUR 48.9 billion.

## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			France	EU	France	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	251 997	1 772 768	632 834	4 095 998
	% of National	2006	39.8	-	100	-
	% of EU coast	2006	14.2	100	-	-
	% of EU-22	2006	6.2	43.3	15.5	100
Length of coasts <sup>(2)</sup>	km		-	-	8 411	136 106
	% of EU-22		-	-	6.2	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	35334	416446
	% of EU-22		-	-	8.5	100
Population <sup>(1)</sup>	1000 Inhab.	2005	23 879	199 015	62 818	457 589
	% of National	2005	38.0	-	100	-
	% of EU coast	2005	12.0	100	-	-
	% of EU-22	2005	5.2	43.5	13.7	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			France	EU	France	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km <sup>2</sup>	2004	94	117	99	117
Crude Birth rate <sup>(3)</sup>	1000 Inhab.	2004	12.6	11.0	12.8	10.5
Crude Death rate <sup>(3)</sup>	1000 Inhab.	2004	8.8	9.4	8.3	9.6
Old age Dependency ratio <sup>(4)</sup>	Per 100 adults	2001	26	25	24	24

(3) Source: Eurostat (Regio)

(4) Source: Eurostat (Census)

### • Economics

	Unit	Year	Coastal regions		All regions	
			France	EU	France	EU having sea coasts
GDP at current market prices	€/inhab	2005	23 462	24 294	27 348	22 984
	Index	2005	102.1	105.7	119.0	100
Gross value added at basic prices	Mio €	2005	501 862	4 200 194	1 539 607	9 383 477
	% of National	2005	32.6	-	100	-
	% of EU coast	2005	11.9	100	-	-
	% of EU-22	2005	5.3	44.8	16.4	100
Gross value added in agriculture sector	Mio €	2005	14 405	103 792	35 256	200 011
	% of total GVA	2005	2.9	2.5	2.3	2.1
	% of National	2005	40.9	-	100	-
	% of EU coast	2005	13.9	100	-	-
	% of EU-22	2005	7.2	51.9	17.6	100

	Unit	Year	Coastal regions		All regions	
			France	EU	France	EU having sea coasts
Gross value added in industry sector	Mio €	2005	105 226	1 042 638	318 507	2 492 759
	% of total GVA	2005	21.0	24.8	20.7	26.6
	% of National	2005	33.0	-	100	-
	% of EU coast	2005	10.1	100	-	-
	% of EU-22	2005	4.2	41.8	12.8	100
Gross value added in service sector	Mio €	2005	382 231	3 053 764	1 185 844	6 690 707
	% of total GVA	2005	76.2	72.7	77.0	71.3
	% of National	2005	32.2	-	100	-
	% of EU coast	2005	12.5	100	-	-
	% of EU-22	2005	5.7	45.6	17.7	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			France	EU	France	EU having sea coasts
Employment	1000 persons	2004	8 769	67 012	25 163	188 779
	% of National	2004	34.8	-	100	-
	% of EU coast	2004	13.1	100	-	-
	% of EU-22	2004	4.6	35.5	13.3	100

Source: Eurostat (Regio)

### • Education

	Unit	Year	Coastal regions		All regions	
			France	EU	France	EU having sea coasts
Population having university level education	%	2001	23.2	20.8	25.3	20.1
	Index	2001	115.1	103.5	125.7	100

Source: Eurostat (Census)

### • Agriculture

	Unit	Year	Coastal regions		All regions	
			France	EU	France	EU having sea coasts
Agricultural area	1000 ha	2005	7 456	42 976	23 586	138 246
	% of National	2005	31.6	-	100	-
	% of EU coast	2005	17.3	100	-	-
	% of EU-22	2005	5.4	31.1	17.1	100
Proportion of arable land	%	2005	68.9	51.5	66.5	60.2
Livestock density per holding	Livestock Unit	2005	72	30	67	17
Standard gross margin	Per holding	2005	51	15	50	11
Standard gross margin	Per Annual Working Unit	2005	33	17	33	12

Source: Eurostat (Regio)

## • Tourism

	Unit	Year	Coastal regions		All regions	
			France	EU	France	EU having sea coasts
Number of hotels	Unit	2006	6 603	95 928	18 135	179 346
	% of National	2006	36.4	-	100	-
	% of EU coast	2006	6.9	100	-	-
	% of EU-22	2006	3.7	53.5	10.1	100

Source: Eurostat (Tourism)

## Coastal areas description

### • Demography

	Unit	Year	French coastal regions			
			Atlantic Ocean	Mediterranean Sea	Outermost regions	Total
Population density <sup>(1)</sup>	Inhab/km <sup>2</sup>	2004	131	143	20	94
Crude Birth rate <sup>(1)</sup>	1000 Inhab.	2004	12.4	11.5	18.0	12.6
Crude Death rate <sup>(1)</sup>	1000 Inhab.	2004	8.9	9.3	5.5	8.8
Old age Dependency ratio <sup>(2)</sup>	Per 100 adults	2001	24.9	29.4		26.2

(1) Source: Eurostat (Regio)

(2) Source: Eurostat (Census)

### • Economics

	Unit	Year	French coastal regions			
			Atlantic Ocean	Mediterranean Sea	Outermost regions	Total
GDP at current market prices	€/inhab	2005	23 890	24 505	16 028	23 462
	Index	2005	101.8	104.4	68.3	100
Gross value added at basic prices	%	2005	6 5.7	2 9.1	5.2	100
Gross value added in agriculture sector	%	2005	7 5.7	1 8.9	5.4	100
Gross value added in industry sector	%	2005	7 3.3	2 3.0	3.7	100
Gross value added in service sector	%	2005	6 3.2	3 1.2	5.6	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	French coastal regions			
			Atlantic Ocean	Mediterranean Sea	Outermost regions	Total
Employment	%	2004	67.2	27.3	5.6	100

Source: Eurostat (Regio)

### • Education

<i>French coastal regions</i>						
	<i>Unit</i>	<i>Year</i>	<i>Atlantic Ocean</i>	<i>Mediterr. Sea</i>	<i>Outer-most regions</i>	<i>Total</i>
Population having university educational level	%	2001	22.0	26.3		23.2
	Index	2001	94.8	113.4		100

Source: Eurostat (Census)

### • Agriculture

<i>French coastal regions</i>						
	<i>Unit</i>	<i>Year</i>	<i>Atlantic Ocean</i>	<i>Mediterr. Sea</i>	<i>Outer-most regions</i>	<i>Total</i>
Agricultural area	%	2005	8 8.4	1 0.5	1.1	100
Proportion of arable land	%	2005	76.5	26.7	53.0	68.9
Livestock density per holding	Livestock Unit	2005	83	28	7	72
Standard gross margin	Per holding	2005	61	36	18	51
Standard gross margin	Per Annual Working Unit	2005	38	23	13	33

Source: Eurostat (Regio)

### • Tourism

<i>French coastal regions</i>						
	<i>Unit</i>	<i>Year</i>	<i>Atlantic Ocean</i>	<i>Mediterr. Sea</i>	<i>Outer-most regions</i>	<i>Total</i>
Number of hotels	%	2006	54.9	41.2	3.9	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • Enterprise statistics

	<i>NACE</i>	<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Labour cost per employee FTE	Building and repairing of ships	1000 €	2005	43.6	42.7
	Building and repairing of pleasure and sporting boats	1000 €	2005	33.9	32.4

Source: Eurostat (Structural business statistics)

### • External trade by sea

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	139 934	1 398 482	
		% of EU-22	2005	10.0	100	
	Extra Eu25	1000 tonnes	2005	139 934	1 177 573	
		% of EU-22	2005	11.9	100	
	North American Countries	1000 tonnes	2005	3 573	77 094	
		% of EU-22	2005	4.6	100	
	Asia	1000 tonnes	2005	39 451	248 886	
		% of EU-22	2005	15.9	100	
	Africa	1000 tonnes	2005	36 319	247 201	
		% of EU-22	2005	14.7	100	
	South American Countries	1000 tonnes	2005	14 194	168 673	
		% of EU-22	2005	8.4	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	35 504	567 528
			% of EU-22	2005	6.3	100
Extra Eu25		1000 tonnes	2005	35 382	334 751	
		% of EU-22	2005	10.6	100	
North American Countries		1000 tonnes	2005	6 437	94 400	
		% of EU-22	2005	6.8	100	
Asia		1000 tonnes	2005	8 424	88 604	
		% of EU-22	2005	9.5	100	
Africa		1000 tonnes	2005	14 181	57 663	
		% of EU-22	2005	24.6	100	
South American Countries		1000 tonnes	2005	998	12 324	
		% of EU-22	2005	8.1	100	
Imports in Mio €		World	Mio €	2005	64 624	736 181
			% of EU-22	2005	8.8	100
	Extra Eu25	Mio €	2005	64 624	549 798	
		% of EU-22	2005	11.8	100	
	North American Countries	Mio €	2005	4 341	52 363	
		% of EU-22	2005	8.3	100	
	Asia	Mio €	2005	26 537	242 659	
		% of EU-22	2005	10.9	100	
	Africa	Mio €	2005	13 622	72 241	
		% of EU-22	2005	18.9	100	
	South American Countries	Mio €	2005	3 759	38 969	
		% of EU-22	2005	9.6	100	



## Chapter 2 - Coastal and sea area profiles - France

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Exports in Mio €	World	Mio €	2005	47 929	660 870	
		% of EU-22	2005	7.3	100	
	Extra Eu25	Mio €	2005	47 902	450 086	
		% of EU-22	2005	10.6	100	
	North American Countries	Mio €	2005	11 508	138 560	
		% of EU-22	2005	8.3	100	
	Asia	Mio €	2005	15 293	147 497	
		% of EU-22	2005	10.4	100	
	Africa	Mio €	2005	12 931	54 327	
		% of EU-22	2005	23.8	100	
	South American Countries	Mio €	2005	2 369	20 219	
		% of EU-22	2005	11.7	100	
	Share of Imports (1000 tonnes)	World	%	2005	79.8	71.1
		Extra Eu25	%	2005	79.8	77.9
North American Countries		%	2005	35.7	45.0	
Asia		%	2005	82.4	73.7	
Africa		%	2005	71.9	81.1	
South American Countries		%	2005	93.4	93.2	
Share of Exports (1000 tonnes)	World	%	2005	20.2	28.9	
	Extra Eu25	%	2005	20.2	22.1	
	North American Countries	%	2005	64.3	55.0	
	Asia	%	2005	17.6	26.3	
	Africa	%	2005	28.1	18.9	
	South American Countries	%	2005	6.6	6.8	
Share of Imports (Mio €)	World	%	2005	57.4	52.7	
	Extra Eu25	%	2005	57.4	55.0	
	North American Countries	%	2005	27.4	27.4	
	Asia	%	2005	63.4	62.2	
	Africa	%	2005	51.3	57.1	
	South American Countries	%	2005	61.3	65.8	
Share of Exports (Mio €)	World	%	2005	42.6	47.3	
	Extra Eu25	%	2005	42.6	45.0	
	North American Countries	%	2005	72.6	72.6	
	Asia	%	2005	36.6	37.8	
	Africa	%	2005	48.7	42.9	
	South American Countries	%	2005	38.7	34.2	

Source: Eurostat (Comext)

### • Fisheries

		Unit	Year	National level	EU having sea coasts
Catches by fishing area	Marine animals (tonnes) for All fishing areas	Tonnes	2008	533 438	4 824 389
		% of EU-22	2008	11.4	100
	Of which: North-east Atlantic	Tonnes	2008	403 633	3 694 110
		% of EU-22	2008	10.9	100
	Mediterranean and Black Sea	Tonnes	2008	32 282	530 658
		% of EU-22	2008	5.8	100
Employment in the fishery sector	Fishing (Total)	Persons	2005	18 415	234 551
		% of EU-22	2005	7.0	100
	Fishing - Marine (Coastal)	Persons	2003	12 994	33 679
		% of EU-22	2003	38.4	100
	Fishing - Marine (Deep-sea)	Persons	2003	4 969	10 679
		% of EU-22	2003	45.9	100

Source: Eurostat (Agriculture and fisheries)

### • Research Development

		Unit	Year	National level	EU having sea coasts
Patent application to the EPO	Ships or other waterborne vessels; related equipment	Per kilo of Inhab	2005	0.075	0.122

Source: Eurostat (Science and Technology (Patent))

### • Environment

		Unit	Year	National level	EU having sea coasts
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	1 893	14 345
	Areas complying with guide values	Value	2006	1 495	12 680
	Areas complying with mandatory values	Value	2006	330	1 112
	Areas not complying with mandatory values	Value	2006	67	217
	Areas not sufficiently sampled or data not available	Value	2006	1	57
	Areas where bathing was prohibited	Value	2006	0	279

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0	100.0
	Areas complying with guide values	%	2006	79.0	77.5
	Areas complying with mandatory values	%	2006	17.4	19.1
	Areas not complying with mandatory values	%	2006	3.5	2.8
	Areas not sufficiently sampled or data not available	%	2006	0.1	0.1
	Areas where bathing was prohibited	%	2006	0.0	0.5
Protected marine area <sup>(2)</sup>		km <sup>2</sup>	2007	5 593	78 282
		% of EU-22	2007	7.1	100

(1) Source: Eurostat (Environment)

(2) Source: DG ENV

### • Ports activity

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Maritime transport - Number of passengers	Total	1000 passengers	2006	26 402	397 550
		% of EU-22	2006	6.6	100
	Inwards	1000 passengers	2006	13 248	199 384
		% of EU-22	2006	6.6	100
	Outwards	1000 passengers	2006	13 154	198 164
		% of EU-22	2006	6.6	100
Maritime goods transports in weight between Maritime Coastal Area	Total	1000 tonnes	2006	339 760	3 512 401
		% of EU-22	2006	9.7	100
	Inwards	1000 tonnes	2006	246 651	2 350 247
		% of EU-22	2006	10.5	100
	Outwards	1000 tonnes	2006	98 080	1 350 770
		% of EU-22	2006	7.3	100

Source: Eurostat (Transport)



### 3.10 Italy



### General figures

- Italy has a coastline of 9 136 km which constitutes 6.7% of the total coastline length of the EU-22 coastal Member States. The country's coastal zone (within a range of 10 km from the coast) covers 47 267 km<sup>2</sup>, representing 11.4% of the corresponding EU's coastal area). With most Italian regions being coastal ones and the presence of a number of islands, the coastal regions cover 60.1% of the Italy's surface. In absolute terms this means a coastal zone of 181 246 km<sup>2</sup>.
- As of 2006, 380 000 people, or 60.6% of the country's population lives in the Italian coastal regions. This is the second largest among the corresponding populations of the other coastal regions of the EU Member States. The density of the population is 220 inhabitants/km<sup>2</sup>. This is more than double the country's average population density (109 inhabitants/km<sup>2</sup>) or the EU-22 coastal regions respective average (108 inhabitants/km<sup>2</sup>).
- Coastal regions are key regions for the economic development of Italy. They result in 50.3% of the country's gross value added, or EUR 642.7 million in absolute terms (2005 data). This value represents 15.3% of the gross value added produced by the coastal areas of the EU-22 Member States and 6.8% of the total EU-22 gross added value.
- Italy protects 2 244 km<sup>2</sup> of marine sea areas (2.9% of the EU-22 total marine sea protected areas), a small portion of the entire coastline length. Of the bathing sea water quality 2.3% complies with mandatory values, 91.1% complies with guide values, whereas in the rest 262 areas bathing is prohibited (2006 data).

### Significant Economic Activities

- The GDP per inhabitant in Italy's coastal regions is EUR 21 140 (2005 prices), standing at 92% of the average GDP per coastal inhabitant in all the EU-22 coastal Member States. The inhabitants of Italy's coastal regions, which lie in the Mediterranean Sea, are experiencing 13% lower GDP than the Italy's average value.
- At the same time the country's coastal regions host about 73% of the country's unemployment population, in absolute numbers this is almost 2 million persons. Unemployment levels are slightly higher in the case of men and women under 24 years old.
- Tourism is among the main economic sectors developed in Italian coastal regions. Italy has the third largest hotel infrastructure in the EU-22 with 33 768 hotel units (2006 data). 50.3% of these hotels are located in the country's coastal regions and, as a result, 18.7% of all the hotels located in the EU-22 coastal regions are in Italy's coastal regions.
- Fishing is a large employer in the Italian economy, as 42 137 persons are working in this industry. Italy offers 15.9% of total persons employed in the EU-22 fishing sector, as the Italian fishing fleet is made up of some 14 000 vessels, placing it in second place in the EU (after Greece)<sup>(1)</sup>. In 2006, the fisheries production was 312 040 tonnes per year. This production is caught mostly in the Mediterranean waters around the Italian peninsula and represents 6.3% of the total fishing production in the EU-22.

<sup>(1)</sup> Source: European Commission-Maritime Affairs. Facts & figures on maritime Europe (available at : [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html))

- Port related economic activities with references to either passengers or cargoes represent a significant economic activity in the Italian coastal areas. Almost 86 million passengers were served by the Italian ports in 2006, whereas the country's ports throughput reached 438.6 million tonnes of freight (12.5% of the corresponding EU-22 throughput) with an inward/outward ratio of 2.2. Employment in seaport reached 26 048 jobs<sup>(2)</sup>. The country's leading ports are Gioia Tauro, Augusta (cargo traffic), Trieste, Genoa and Venice (cargo and passenger traffic).
- The value of Italy's imports in 200 was EUR 93.6 billion while the exports valued at EUR 75.1 billion.
- Agriculture is a comparatively less important economic activity in Italy's coastal areas. In 2005, the sector contributed EUR 17.15 billion gross value added in Italy's coastal regions, or 16.5% of the corresponding gross added value in the coastal areas of the EU. Nonetheless, agriculture activities in the coastal regions are responsible for 61.1% of the country's gross value added produced by the sector. The proportion of the arable land is 59.3% and represents 11.3% of the total EU-22 coastal area that is used for agriculture. The livestock density per holding is low, and stands at 8 units (2000 data). This is half Italy's average value and 75% lower than the respective average value in the EU-22.

<sup>(2)</sup> Employment data sources: European Commission, DG Fisheries and Maritime Affairs studies: "Employment trends in all sectors related to the sea or using sea resources" and "Employment in the fisheries sector" as reported in: [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html)

## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Italy	EU	Italy	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	181 246	1 772 768	301 336	4 095 998
	% of National	2006	60.1	-	100	-
	% of EU coast	2006	10.2	100	-	-
	% of EU-22	2006	4.4	43.3	7.4	100
Length of coasts <sup>(2)</sup>	km		-	-	9 136	136 106
	% of EU-22		-	-	6.7	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	47267	416446
	% of EU-22		-	-	11.4	100
Population <sup>(1)</sup>	1000 Inhab.	2006	35 716	199 353	58 942	458 036
	% of National	2006	60.6	-	100	-
	% of EU coast	2006	17.9	100	-	-
	% of EU-22	2006	7.8	43.5	12.9	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			Italy	EU	Italy	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km <sup>2</sup>	2005	220	100	199	108
Crude Birth rate <sup>(3)</sup>	1000 Inhab.	2005	9.4	11.0	9.5	10.4
Crude Death rate <sup>(3)</sup>	1000 Inhab.	2005	9.5	9.5	9.7	9.7
Old age Dependency ratio <sup>(4)</sup>	Per 100 adults	2001	27	25	28	24

(3) Source: Eurostat (Regio)

(4) Source: Eurostat (Census)

### • Economics

	Unit	Year	Coastal regions		All regions	
			Italy	EU	Italy	EU having sea coasts
GDP at current market prices	€/inhab	2005	21 140	24 294	24 281	22 984
	Index	2005	92.0	105.7	105.6	100
Gross value added at basic prices	Mio €	2005	642 701	4 200 194	1 277 992	9 383 477
	% of National	2005	50.3	-	100	-
	% of EU coast	2005	15.3	100	-	-
	% of EU-22	2005	6.8	44.8	13.6	100
Gross value added in agriculture sector	Mio €	2005	17 147	103 792	28 048	200 011
	% of total GVA	2005	2.7	2.5	2.2	2.1
	% of National	2005	61.1	-	100	-
	% of EU coast	2005	16.5	100	-	-
	% of EU-22	2005	8.6	51.9	14.0	100



	Unit	Year	Coastal regions		All regions	
			Italy	EU	Italy	EU having sea coasts
Gross value added in industry sector	Mio €	2005	140 149	1 042 638	340 059	2 492 759
	% of total GVA	2005	21.8	24.8	26.6	26.6
	% of National	2005	41.2	-	100	-
	% of EU coast	2005	13.4	100	-	-
	% of EU-22	2005	5.6	41.8	13.6	100
Gross value added in service sector	Mio €	2005	485 406	3 053 764	909 886	6 690 707
	% of total GVA	2005	75.5	72.7	71.2	71.3
	% of National	2005	53.3	-	100	-
	% of EU coast	2005	15.9	100	-	-
	% of EU-22	2005	7.3	45.6	13.6	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			Italy	EU	Italy	EU having sea coasts
Unemployment - Men between 15 and 24 years	1000 persons	2006	165	571	223	2 355
	% of National	2006	74.0	-	100	-
	% of EU coast	2006	29.0	100	-	-
	% of EU-22	2006	7.0	24.2	9.5	100
Unemployment - Men aged 25 years and over	1000 persons	2006	425	1 736	577	6 858
	% of National	2006	73.6	-	100	-
	% of EU coast	2006	24.5	100	-	-
	% of EU-22	2006	6.2	25.3	8.4	100
Unemployment - Women between 15 and 24 years	1000 persons	2006	157	525	201	2 043
	% of National	2006	77.8	-	100	-
	% of EU coast	2006	29.8	100	-	-
	% of EU-22	2006	7.7	25.7	9.9	100
Unemployment - Women aged 25 years and over	1000 persons	2006	452	1 822	671	6 765
	% of National	2006	67.4	-	100	-
	% of EU coast	2006	24.8	100	-	-
	% of EU-22	2006	6.7	26.9	9.9	100

Source: Eurostat (Regio)

### • Education

	Unit	Year	Coastal regions		All regions	
			Italy	EU	Italy	EU having sea coasts
Population having university level education	%	2001	14.3	20.8	13.4	20.1
	Index	2001	70.9	103.5	66.4	100

Source: Eurostat (Census)

### • Agriculture

	Unit	Year	Coastal regions		All regions	
			Italy	EU	Italy	EU having sea coasts
Agricultural area	1000 ha	2005	4 861	42 976	8 534	138 246
	% of National	2005	57.0	-	100	-
	% of EU coast	2005	11.3	100	-	-
	% of EU-22	2005	3.5	31.1	6.2	100
Proportion of arable land	%	2005	59.3	51.5	55.4	60.2
Livestock density per holding	Livestock Unit	2000	8	33	16	41
Standard gross margin	Per holding	2005	10	15	13	11
Standard gross margin	Per Annual Working Unit	2000	12	16	14	19

Source: Eurostat (Regio)

### • Tourism

	Unit	Year	Coastal regions		All regions	
			Italy	EU	Italy	EU having sea coasts
Number of hotels	Unit	2006	17 956	95 928	33 768	179 346
	% of National	2006	53.2	-	100	-
	% of EU coast	2006	18.7	100	-	-
	% of EU-22	2006	10.0	53.5	18.8	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • Enterprise statistics

	NACE	Unit	Year	National level	EU having sea coasts
Apparent labour productivity	Other supporting water transport activities	1000 €	2005	72	2 657
		% of EU-22	2005	2.7	100
Number of enterprises	Renting of water transport equipment	Unit	2005	1 602	1 795
		% of EU-22	2005	89.2	100
Number of persons employed	Other supporting water transport activities	Unit	2005	8 272	13 362
		% of EU-22	2005	61.9	100
	Renting of water transport equipment	Unit	2005	2 596	2 945
		% of EU-22	2005	88.1	100

	<i>NACE</i>	<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Turnover or gross premiums written	Other supporting water transport activities	Mio €	2005	1 607	4 629
		% of EU-22	2005	34.7	100
	Renting of water transport equipment	Mio €	2005	721	805
		% of EU-22	2005	89.5	100
Labour cost per employee FTE	Building and repairing of ships	1000 €	2005	41.4	42.7
	Building and repairing of pleasure and sporting boats	1000 €	2005	30.7	32.4

Source: Eurostat (Structural business statistics)

### • External trade by sea

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	223 955	1 398 482	
		% of EU-22	2005	16.0	100	
	Extra Eu25	1000 tonnes	2005	213 151	1 177 573	
		% of EU-22	2005	18.1	100	
	North American Countries	1000 tonnes	2005	13 647	77 094	
		% of EU-22	2005	17.7	100	
	Asia	1000 tonnes	2005	60 221	248 886	
		% of EU-22	2005	24.2	100	
	Africa	1000 tonnes	2005	55 062	247 201	
		% of EU-22	2005	22.3	100	
	South American Countries	1000 tonnes	2005	25 439	168 673	
		% of EU-22	2005	15.1	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	62 571	567 528
			% of EU-22	2005	11.0	100
Extra Eu25		1000 tonnes	2005	43 020	334 751	
		% of EU-22	2005	12.9	100	
North American Countries		1000 tonnes	2005	9 197	94 400	
		% of EU-22	2005	9.7	100	
Asia		1000 tonnes	2005	11 829	88 604	
		% of EU-22	2005	13.4	100	
Africa		1000 tonnes	2005	10 083	57 663	
		% of EU-22	2005	17.5	100	
South American Countries		1000 tonnes	2005	1 163	12 324	
		% of EU-22	2005	9.4	100	

## Chapter 2 - Coastal and sea area profiles - Italy

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in Mio €	World	Mio €	2005	93 557	736 181	
		% of EU-22	2005	12.7	100	
	Extra Eu25	Mio €	2005	84 420	549 798	
		% of EU-22	2005	15.4	100	
	North American Countries	Mio €	2005	5 037	52 363	
		% of EU-22	2005	9.6	100	
	Asia	Mio €	2005	37 789	242 659	
		% of EU-22	2005	15.6	100	
	Africa	Mio €	2005	18 054	72 241	
		% of EU-22	2005	25.0	100	
	South American Countries	Mio €	2005	6 615	38 969	
		% of EU-22	2005	17.0	100	
	Exports in Mio €	World	Mio €	2005	75 143	660 870
			% of EU-22	2005	11.4	100
Extra Eu25		Mio €	2005	63 504	450 086	
		% of EU-22	2005	14.1	100	
North American Countries		Mio €	2005	16 103	138 560	
		% of EU-22	2005	11.6	100	
Asia		Mio €	2005	21 896	147 497	
		% of EU-22	2005	14.8	100	
Africa		Mio €	2005	10 006	54 327	
		% of EU-22	2005	18.4	100	
South American Countries		Mio €	2005	3 249	20 219	
		% of EU-22	2005	16.1	100	
Share of Imports (1000 tonnes)		World	%	2005	78.2	71.1
		Extra Eu25	%	2005	83.2	77.9
	North American Countries	%	2005	59.7	45.0	
	Asia	%	2005	83.6	73.7	
	Africa	%	2005	84.5	81.1	
	South American Countries	%	2005	95.6	93.2	
Share of Exports (1000 tonnes)	World	%	2005	21.8	28.9	
	Extra Eu25	%	2005	16.8	22.1	
	North American Countries	%	2005	40.3	55.0	
	Asia	%	2005	16.4	26.3	
	Africa	%	2005	15.5	18.9	
	South American Countries	%	2005	4.4	6.8	

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Share of Imports (Mio €)	World	%	2005	55.5	52.7
	Extra Eu25	%	2005	57.1	55.0
	North American Countries	%	2005	23.8	27.4
	Asia	%	2005	63.3	62.2
	Africa	%	2005	64.3	57.1
	South American Countries	%	2005	67.1	65.8
Share of Exports (Mio €)	World	%	2005	44.5	47.3
	Extra Eu25	%	2005	42.9	45.0
	North American Countries	%	2005	76.2	72.6
	Asia	%	2005	36.7	37.8
	Africa	%	2005	35.7	42.9
	South American Countries	%	2005	32.9	34.2

Source: Eurostat (Comext)

### • Fisheries

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Catches by fishing area	Mainline animals (tonnes) for All fishing areas	Tonnes	2008	312 040	4 824 388
		% of EU-22	2008	6.3	100
	Mediterranean and Black Sea	Tonnes	2008	287 420	530 858
		% of EU-22	2008	53.0	100
Employment in the fishery sector	Fishing (Total)	Persons	2005	42 137	234 551
		% of EU-22	2005	15.9	100

Source: Eurostat (Agriculture and fisheries)

### • Research Development

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Patent application to the EPO	Ships or other waterborne vessels; related equipment	Per kilo of Inhab	2005	0.222	0.122

Source: Eurostat (Science and Technology (Patent))

### • Environment

		Unit	Year	National level	EU having sea coasts
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	4 929	14 346
	Areas complying with guide values	Value	2006	4 491	12 680
	Areas complying with mandatory values	Value	2006	114	1 112
	Areas not complying with mandatory values	Value	2006	22	217
	Areas not sufficiently sampled or data not available	Value	2006	40	57
	Areas where bathing was prohibited	Value	2006	262	279
Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0	100.0
	Areas complying with guide values	%	2006	91.1	77.5
	Areas complying with mandatory values	%	2006	2.3	19.1
	Areas not complying with mandatory values	%	2006	0.4	2.8
	Areas not sufficiently sampled or data not available	%	2006	0.8	0.1
	Areas where bathing was prohibited	%	2006	5.3	0.5
Protected marine area <sup>(2)</sup>		km <sup>2</sup>	2007	2 244	78 282
		% of EU-22	2007	2.9	100

(1) Source: Eurostat (Environment)

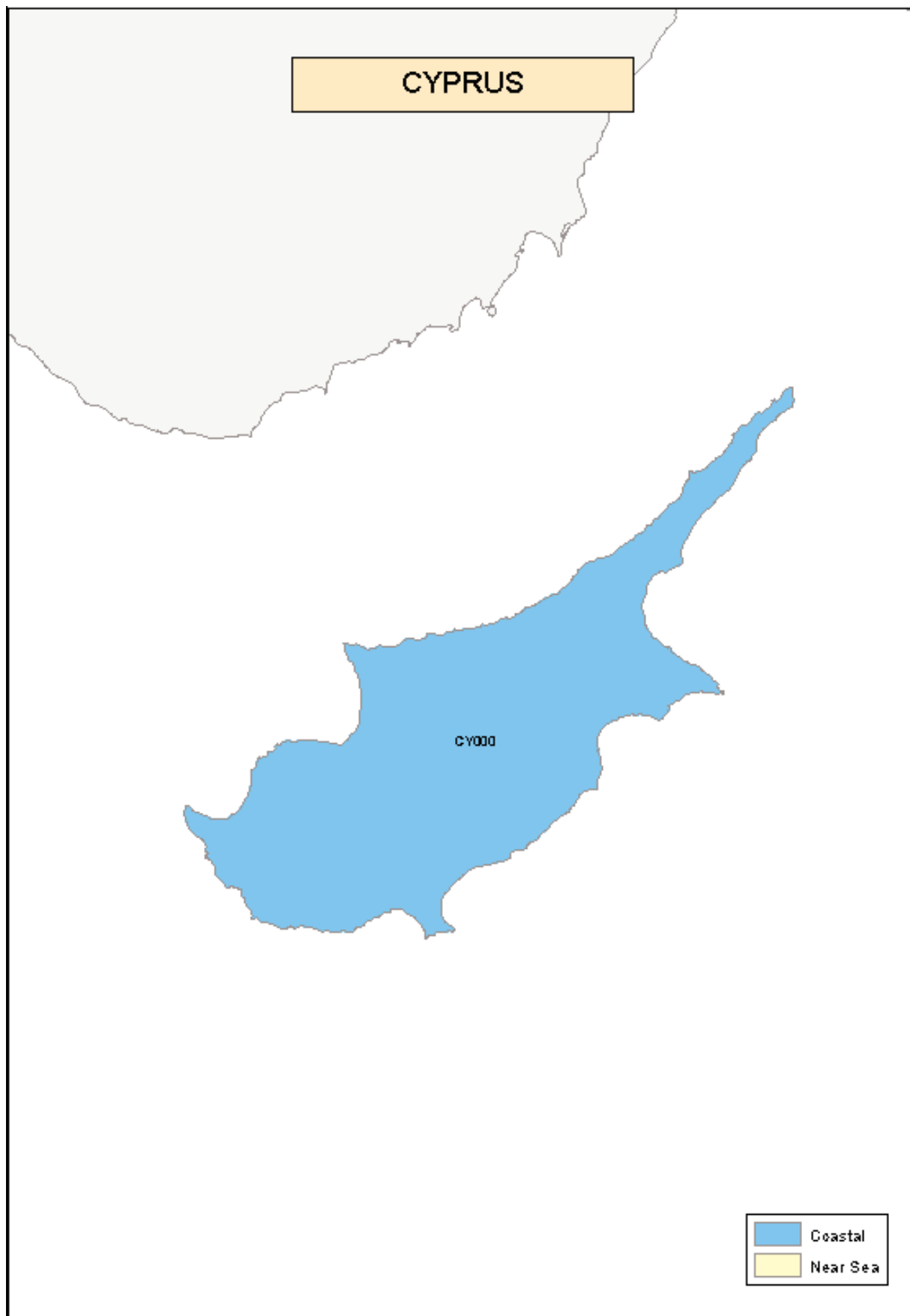
(2) Source: DG ENV

### • Ports activity

		Unit	Year	National level	EU having sea coasts
Maritime transport - Number of passengers	Total	1000 passengers	2006	85 984	397 550
		% of EU-22	2006	21.6	100
	Inwards	1000 passengers	2006	42 969	199 384
		% of EU-22	2006	21.6	100
	Outwards	1000 passengers	2006	43 015	198 164
		% of EU-22	2006	21.7	100
Maritime goods transports in weight between Maritime Coastal Area	Total	1000 tonnes	2006	438 565	3 512 401
		% of EU-22	2006	12.5	100
	Inwards	1000 tonnes	2006	348 648	2 350 247
		% of EU-22	2006	14.8	100
	Outwards	1000 tonnes	2006	157 340	1 350 770
		% of EU-22	2006	11.6	100

Source: Eurostat (Transport)

### 3.11 Cyprus



### General figures

- Cyprus has a coastline of 931 km which represents 0.7% of the total EU-22 coastline length. The Cyprus's coastal zone (within a range of 10 km from the coast) covers 4 743 km<sup>2</sup> and is 1.1% of the total EU coastal zone.
- The total population of Cyprus - 758 000 people according to 2005 data - are living in the coastal region, and represent 0.4% of the total population in the coastal regions of the EU-22. The population density is 82 inhabitants per km<sup>2</sup>, a density that is 24% lower than the average density observed in the EU-22.
- The Cyprus coastal region produces the total of the country's gross value added due to the insular characteristics of the Cyprus. In 2005, this value added was EUR 12.284 billion equal to 0.3% of the total added value generated in all the EU-22 coastal regions.
- Cyprus coastal regions are responsible for the total employment in the country. According to 2004 data 353 000 persons were employed in the coastal regions. These jobs represent 0.5% of the total employed labour force in the EU-22 coastal areas and 0.2% of the employment in the EU-22 coastal Member States.
- Cyprus protects 50 km<sup>2</sup> of marine sea area which stands at 0.1% of the total marine protected areas of EU-22. Cyprus has 100 sea bathing areas from which 99% are complying with the guide values on water quality and the rest 1% is not complying with the guide or the mandatory values (2006 data).

### Significant Economic Activities

- The GDP per inhabitant in the country's coastal regions was EUR 18 025 in 2005 prices. This is 25.8% lower than the average GDP per inhabitant in the EU-22 coastal regions, and 21.6% lower than the average GDP per inhabitant in the EU-22 coastal Member States.
- Tourism is one of the most important economic sectors in Cyprus. 753 hotel units are operating in the country according to 2006 data constituting 0.8% of the total hotel units in the EU-22 coastal regions and 0.4% of the total hotel units in the EU-22 coastal Member States. In 2007, 2.68 million tourists visited Cyprus, a number almost 4 times the country's total population. The sector generates and added value of EUR 1.88 billion to the Cypriot economy<sup>(1)</sup>.
- Agriculture produces an added value of EUR 343 million which stands at 2.8% of the coastal regions gross added value. This value is 0.3% of the total added value generated by agriculture activities in the EU-22 coastal regions. The proportion of arable land is 72.7% of the country's surface. The livestock density of 22 units per holding is 29.4% higher than the average livestock density in the EU-22 coastal Member States and 27% lower than the corresponding average value in the EU-22 coastal regions.
- The fishing sector employs 996 persons (2005 data), or 0.4% of the total employment in the EU-22 fishing sector. The marine animals production in 2006 was 2 098 tonnes.
- Port related activities are of vital importance, due to the insular characteristics of the country. In 2006, passenger transport reached 182 000 passengers. The same year, Cypriot ports also handled 7.75 million tonnes of maritime goods with an inwards/outwards ratio of 9:2. The country's major ports are Larnaca and Limassol (cargo and passenger traffic).
- The value of Cyprus imports in 2005 was EUR 4.05 billion while the value of exports was EUR 576 million.

<sup>(1)</sup> Source: Cyprus Tourism Organisation. Tourism in Cyprus 2007. Available at <http://www.visitcyprus.biz/ctoweb/ctowebtradesection.nsf/>.



## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Cyprus	EU	Cyprus	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	9 250	1 772 768	9 250	4 095 998
	% of National	2006	100	-	100	-
	% of EU coast	2006	0.5	100	-	-
	% of EU-22	2006	0.2	43.3	0.2	100
Length of coasts <sup>(2)</sup>	km		-	-	931	136 106
	% of EU-22		-	-	0.7	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	4743	416446
	% of EU-22		-	-	1.1	100
Population <sup>(1)</sup>	1000 Inhab.	2005	758	199 015	758	457 589
	% of National	2005	100	-	100	-
	% of EU coast	2005	0.4	100	-	-
	% of EU-22	2005	0.2	43.5	0.2	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			Cyprus	EU	Cyprus	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km <sup>2</sup>	2005	82	100	82	108
Crude Birth rate <sup>(3)</sup>	1000 Inhab.	2005	10.9	11.0	10.9	10.4
Crude Death rate <sup>(3)</sup>	1000 Inhab.	2005	7.2	9.5	7.2	9.7
Old age Dependency ratio <sup>(4)</sup>	Per 100 adults	2001	17	25	17	24

(3) Source: Eurostat (Regio)

(4) Source: Eurostat (Census)

### • Economics

	Unit	Year	Coastal regions		All regions	
			Cyprus	EU	Cyprus	EU having sea coasts
GDP at current market prices	€/inhab	2005	18 025	24 294	18 025	22 984
	Index	2005	78.4	105.7	78.4	100
Gross value added at basic prices	Mio €	2005	12 284	4 200 194	12 284	9 383 477
	% of National	2005	100	-	100	-
	% of EU coast	2005	0.3	100	-	-
	% of EU-22	2005	0.1	44.8	0.1	100
Gross value added in agriculture sector	Mio €	2005	343	103 792	343	200 011
	% of total GVA	2005	2.8	2.5	2.8	2.1
	% of National	2005	100	-	100	-
	% of EU coast	2005	0.3	100	-	-
	% of EU-22	2005	0.2	51.9	0.2	100

## Chapter 2 - Coastal and sea area profiles - Cyprus

	Unit	Year	Coastal regions		All regions	
			Cyprus	EU	Cyprus	EU having sea coasts
Gross value added in industry sector	Mio €	2005	2 392	1 042 638	2 392	2 492 759
	% of total GVA	2005	19.5	24.8	19.5	26.6
	% of National	2005	100	-	100	-
	% of EU coast	2005	0.2	100	-	-
	% of EU-22	2005	0.1	41.8	0.1	100
Gross value added in service sector	Mio €	2005	9 550	3 053 764	9 550	6 690 707
	% of total GVA	2005	77.7	72.7	77.7	71.3
	% of National	2005	100	-	100	-
	% of EU coast	2005	0.3	100	-	-
	% of EU-22	2005	0.1	45.6	0.1	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			Cyprus	EU	Cyprus	EU having sea coasts
Employment	1000 persons	2004	353	67 012	353	188 779
	% of National	2004	100	-	100	-
	% of EU coast	2004	0.5	100	-	-
	% of EU-22	2004	0.2	35.5	0.2	100
Unemployment - Men between 15 and 24 years	1000 persons	2006	2	571	2	2 355
	% of National	2006	100	-	100	-
	% of EU coast	2006	0.3	100	-	-
	% of EU-22	2006	0.1	24.2	0.1	100
Unemployment - Men aged 25 years and over	1000 persons	2006	6	1 736	6	6 858
	% of National	2006	100	-	100	-
	% of EU coast	2006	0.4	100	-	-
	% of EU-22	2006	0.1	25.3	0.1	100
Unemployment - Women between 15 and 24 years	1000 persons	2006	2	525	2	2 043
	% of National	2006	100	-	100	-
	% of EU coast	2006	0.4	100	-	-
	% of EU-22	2006	0.1	25.7	0.1	100
Unemployment - Women aged 25 years and over	1000 persons	2006	7	1 822	7	6 765
	% of National	2006	100	-	100	-
	% of EU coast	2006	0.4	100	-	-
	% of EU-22	2006	0.1	26.9	0.1	100

Source: Eurostat (Regio)

## • Education

	Unit	Year	Coastal regions		All regions	
			Cyprus	EU	Cyprus	EU having sea coasts
Population having university level education	%	2001	32.7	20.8	32.7	20.1
	Index	2001	162.4	103.5	162.4	100

Source: Eurostat (Census)

## • Agriculture

	Unit	Year	Coastal regions		All regions	
			Cyprus	EU	Cyprus	EU having sea coasts
Agricultural area	1000 ha	2005	152	42 976	152	138 246
	% of National	2005	100	-	100	-
	% of EU coast	2005	0.4	100	-	-
	% of EU-22	2005	0.1	31.1	0.1	100
Proportion of arable land	%	2005	72.7	51.5	72.7	60.2
Livestock density per holding	Livestock Unit	2005	22	30	22	17
Standard gross margin	Per holding	2005	7	15	7	11
Standard gross margin	Per Annual Working Unit	2005	10	17	10	12

Source: Eurostat (Regio)

## • Tourism

	Unit	Year	Coastal regions		All regions	
			Cyprus	EU	Cyprus	EU having sea coasts
Number of hotels	Unit	2006	753	95 928	753	179 346
	% of National	2006	100	-	100	-
	% of EU coast	2006	0.8	100	-	-
	% of EU-22	2006	0.4	53.5	0.4	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • Enterprise statistics

	NACE	Unit	Year	National level	EU having sea coasts
Apparent labour productivity	Other supporting water transport activities	1000 €	2001	92	2 537
		% of EU-22	2001	3.6	100
Number of persons employed	Other supporting water transport activities	Unit	2001	363	12 679
		% of EU-22	2001	2.9	100

## Chapter 2 - Coastal and sea area profiles - Cyprus

	<i>NACE</i>	<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Turnover or gross premiums written	Other supporting water transport activities	Mio €	2001	37	4 144
		% of EU-22	2001	0.9	100
Labour cost per employee FTE	Building and repairing of ships	1000 €	2005	22.6	42.7
	Building and repairing of pleasure and sporting boats	1000 €	2005	18.2	32.4

Source: Eurostat (Structural business statistics)

### • External trade by sea

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	5 310	1 398 482	
		% of EU-22	2005	0.4	100	
	Extra Eu25	1000 tonnes	2005	2 817	1 177 573	
		% of EU-22	2005	0.2	100	
	North American Countries	1000 tonnes	2005	57	77 094	
		% of EU-22	2005	0.1	100	
	Asia	1000 tonnes	2005	1 305	248 886	
		% of EU-22	2005	0.5	100	
	Africa	1000 tonnes	2005	274	247 201	
		% of EU-22	2005	0.1	100	
	South American Countries	1000 tonnes	2005	478	168 673	
		% of EU-22	2005	0.3	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	1 153	567 528
			% of EU-22	2005	0.2	100
Extra Eu25		1000 tonnes	2005	324	334 751	
		% of EU-22	2005	0.1	100	
North American Countries		1000 tonnes	2005	6	94 400	
		% of EU-22	2005	0.0	100	
Asia		1000 tonnes	2005	137	88 604	
		% of EU-22	2005	0.2	100	
Africa		1000 tonnes	2005	51	57 663	
		% of EU-22	2005	0.1	100	
South American Countries		1000 tonnes	2005	0	12 324	
		% of EU-22	2005	0.0	100	

## Chapter 2 - Coastal and sea area profiles - Cyprus

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in Mio €	World	Mio €	2005	4 053	736 181	
		% of EU-22	2005	0.6	100	
	Extra Eu25	Mio €	2005	1 375	549 798	
		% of EU-22	2005	0.3	100	
	North American Countries	Mio €	2005	47	52 363	
		% of EU-22	2005	0.1	100	
	Asia	Mio €	2005	934	242 659	
		% of EU-22	2005	0.4	100	
	Africa	Mio €	2005	63	72 241	
		% of EU-22	2005	0.1	100	
	South American Countries	Mio €	2005	112	38 969	
		% of EU-22	2005	0.3	100	
	Exports in Mio €	World	Mio €	2005	576	660 870
			% of EU-22	2005	0.1	100
Extra Eu25		Mio €	2005	172	450 086	
		% of EU-22	2005	0.0	100	
North American Countries		Mio €	2005	6	138 560	
		% of EU-22	2005	0.0	100	
Asia		Mio €	2005	87	147 497	
		% of EU-22	2005	0.1	100	
Africa		Mio €	2005	20	54 327	
		% of EU-22	2005	0.0	100	
South American Countries		Mio €	2005	0	20 219	
		% of EU-22	2005	0.0	100	
Share of Imports (1000 tonnes)		World	%	2005	82.2	71.1
		Extra Eu25	%	2005	89.7	77.9
	North American Countries	%	2005	90.4	45.0	
	Asia	%	2005	90.5	73.7	
	Africa	%	2005	84.4	81.1	
	South American Countries	%	2005	100.0	93.2	
	Share of Exports (1000 tonnes)	World	%	2005	17.8	28.9
Extra Eu25	%	2005	10.3	22.1		
North American Countries	%	2005	9.6	55.0		
Asia	%	2005	9.5	26.3		
Africa	%	2005	15.6	18.9		
South American Countries	%	2005	0.0	6.8		

## Chapter 2 - Coastal and sea area profiles - Cyprus

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Share of Imports (Mio €)	World	%	2005	87.6	52.7
	Extra Eu25	%	2005	88.9	55.0
	North American Countries	%	2005	88.2	27.4
	Asia	%	2005	91.5	62.2
	Africa	%	2005	75.9	57.1
	South American Countries	%	2005	99.7	65.8
Share of Exports (Mio €)	World	%	2005	12.4	47.3
	Extra Eu25	%	2005	11.1	45.0
	North American Countries	%	2005	11.8	72.6
	Asia	%	2005	8.5	37.8
	Africa	%	2005	24.1	42.9
	South American Countries	%	2005	0.3	34.2

Source: Eurostat (Comext)

### • Fisheries

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Catches by fishing area	Marine animals (tonnes) for All fishing areas	Tonnes	2006	2 068	4 024 380
		% of EU-22	2006	0.0	100
	Marine animals (tonnes) for Mediterranean and Black Sea	Tonnes	2006	2 068	560 858
		% of EU-22	2006	0.4	100
Employment in the fishery sector	Fishing (Total)	Persons	2004	906	226 654
		% of EU-22	2004	0.4	100

Source: Eurostat (Agriculture and fisheries)

### • Environment

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	100	14 346
	Areas complying with guide values	Value	2006	99	12 680
	Areas complying with mandatory values	Value	2006	0	1 112
	Areas not complying with mandatory values	Value	2006	1	217
	Areas not sufficiently sampled or data not available	Value	2006	0	57
	Areas where bathing was prohibited	Value	2006	0	279

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0	100.0
	Areas complying with guide values	%	2006	99.0	77.5
	Areas complying with mandatory values	%	2006	0.0	19.1
	Areas not complying with mandatory values	%	2006	1.0	2.8
	Areas not sufficiently sampled or data not available	%	2006	0.0	0.1
	Areas where bathing was prohibited	%	2006	0.0	0.5
Protected marine area <sup>(2)</sup>		km <sup>2</sup>	2007	50	78 282
		% of EU-22	2007	0.1	100

(1) Source: Eurostat (Environment)

(2) Source: DG ENV

### • Ports activity

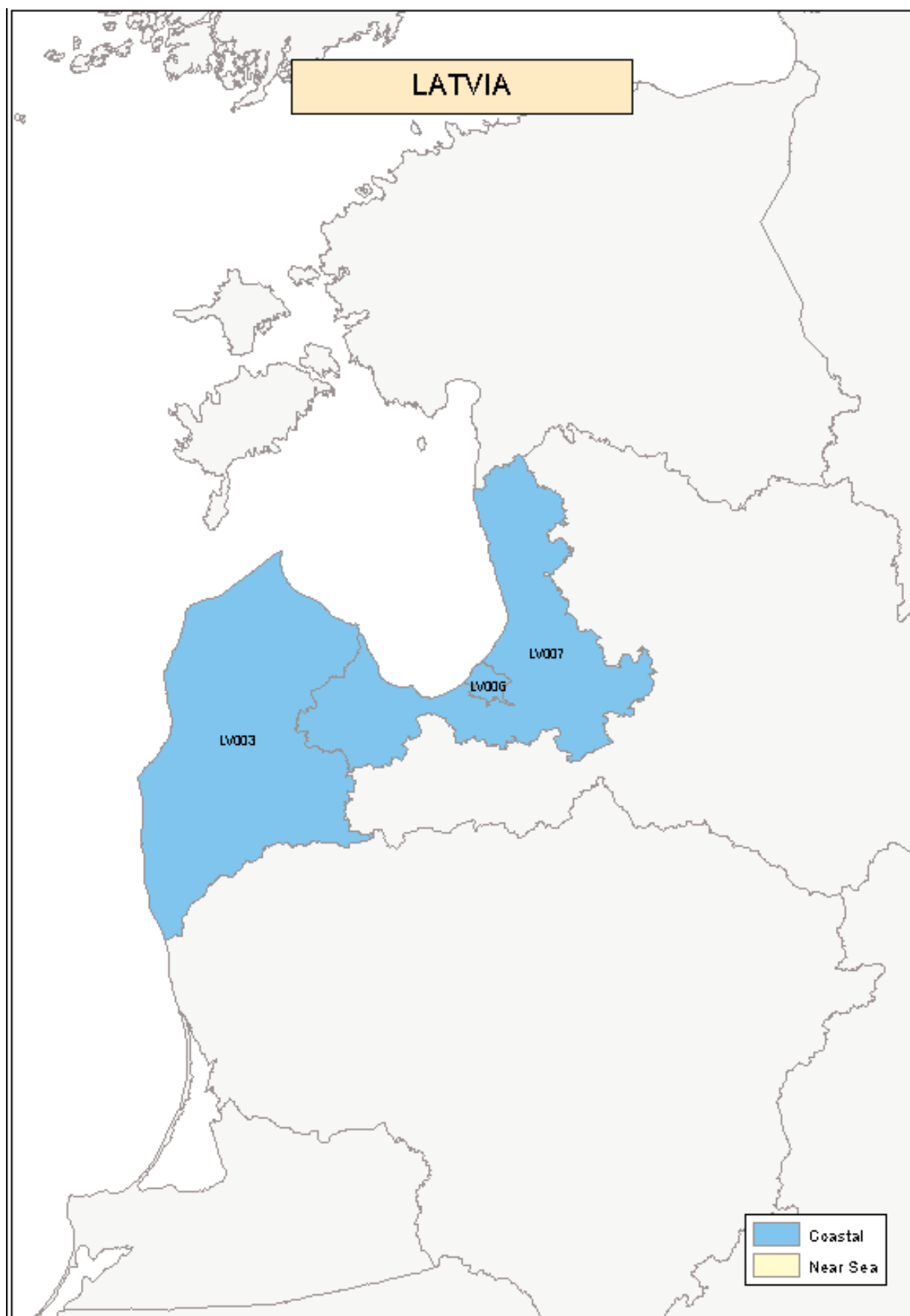
		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Maritime transport - Number of passengers	Total	1000 passengers	2006	182	397 550
		% of EU-22	2006	0.0	100
	Inwards	1000 passengers	2006	108	199 384
		% of EU-22	2006	0.1	100
	Outwards	1000 passengers	2006	73	198 164
		% of EU-22	2006	0.0	100
Maritime goods transports in weight between Maritime Coastal Area	Total	1000 tonnes	2006	7 752	3 512 401
		% of EU-22	2006	0.2	100
	Inwards	1000 tonnes	2006	6 339	2 350 247
		% of EU-22	2006	0.3	100
	Outwards	1000 tonnes	2006	1 416	1 350 770
		% of EU-22	2006	0.1	100

Source: Eurostat (Transport)





### 3.12 Latvia



### General figures

- Latvia has a coastline of 654 km which stands at 0.5% of the total coastline of the EU-22 coastal Member States. Latvia's coastal zone (within a range of 10 km from the coast) covers 4 842 km<sup>2</sup>, the equivalent of 1.2% of the total EU-22 coastal area.
- As of 2005, 1.4 million inhabitants people, or 61.3% of the country's population lives in the coastal areas. This accounts for 2.2% of the total EU coastal population. While density of the population is 66 inhabitants/km<sup>2</sup> and stands at almost double the country's average population density (37 inhabitants/km<sup>2</sup>), it is only two thirds of the total EU-22 (108 inhabitants/km<sup>2</sup>).
- Latvia's coastal regions are key regions for the economic development of the Member State. According to 2005 data they generate EUR 11.5 billion, or 79.1%, of the country's gross value added per annum. This is however a small percentage (0.2%) of the total gross value generated by the total of the EU coastal areas.
- Coastal regions employ 65.3% of the country's total employed labour force (2004 data). The 658 000 persons employed in Latvia's coastal regions are only 1% of the labour force employed in the total of the EU-22 coastal regions.
- Latvia protects 562 km<sup>2</sup> of its marine sea areas (2007 data), that is 0.7% of the entire protected areas in the EU-22 coastal Member States. Furthermore, only 17.8% of the bathing seawater areas are complying with the mandatory values on water quality, while 2.2% of bathing areas are not complying with any mandatory or guide rules.

### Significant Economic Activities

- The GDP generated by economic activities undertaken in Latvia's coastal zones is EUR 7 323 per inhabitant (2005 prices). This stands at 31.9% of the average GDP per inhabitant in the EU-22.
- A significant imbalance as regards the GDP/inhabitant is observed between the country's single coastal area and the hinterland, with the inhabitants of coastal areas enjoying a 29.5% higher average income than that of the inhabitants of the hinterland areas.
- Tourism is a key economic activity for Latvia's coastal regions, with 65.1%, or 209 units of the country's infrastructure in terms of hotel units being located in these regions (2006 data). This number of hotels represents the tiny 0.2% of the total number of hotels units in all the EU coastal areas.
- Agriculture is of minor importance for the economy of Latvia's coastal areas as it contributes only 2.1% of their GDP. The proportion of the arable land is quite extensive – 71.5% of the total – but the livestock density is only 8 units per holding, about 73.3% down from the EU's average livestock density.
- Fishing occupies 2 430 persons employed and the sector's production amounts to 139 534 tonnes per year (2006 data). Despite the country's small population, Latvia offers 1% of the total fishing labour force of the EU-22 and 2.8% of the EU-22 total fisheries production.
- While passenger traffic in Latvian ports is insignificant, the traffic of maritime goods is a significant economic activity, representing 1.6% of the goods traffic in all the EU-22 coastal Member States. In 2006, Latvian ports handled 217 000 passengers and 55.7 million tonnes of maritime goods. The inward/outward ratio for maritime goods is 1:7 and demonstrates that the country's ports mainly facilitate export trade. The leading ports are Riga and Ventspils (cargo and passenger traffic).
- The value of Latvian exports is EUR 1.15 billion (as in 2005) and the corresponding value of the country's imports is EUR 580 million.

## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Latvia	EU	Latvia	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	24 042	1 772 768	64 589	4 095 998
	% of National	2006	37.2	-	100	-
	% of EU coast	2006	1.4	100	-	-
	% of EU-22	2006	0.6	43.3	1.6	100
Length of coasts <sup>(2)</sup>	km		-	-	645	136 106
	% of EU-22		-	-	0.5	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	4842	416446
	% of EU-22		-	-	1.2	100
Population <sup>(1)</sup>	1000 Inhab.	2006	1 404	199 353	2 288	458 036
	% of National	2006	61.3	-	100	-
	% of EU coast	2006	0.7	100	-	-
	% of EU-22	2006	0.3	43.5	0.5	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			Latvia	EU	Latvia	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km <sup>2</sup>	2005	66	100	37	108
Crude Birth rate <sup>(3)</sup>	1000 Inhab.	2006	10.3	10.3	9.7	10.1
Crude Death rate <sup>(3)</sup>	1000 Inhab.	2006	13.7	9.4	14.5	10.0
Old age Dependency ratio <sup>(4)</sup>	Per 100 adults	2001	21	25	22	24

(3) Source: Eurostat (Regio)

(4) Source: Eurostat (Census)

### • Economics

	Unit	Year	Coastal regions		All regions	
			Latvia	EU	Latvia	EU having sea coasts
GDP at current market prices	€/inhab	2005	7 323	24 294	5 657	22 984
	Index	2005	31.9	105.7	24.6	100
Gross value added at basic prices	Mio €	2005	9 121	4 200 194	11 533	9 383 477
	% of National	2005	79.1	-	100	-
	% of EU coast	2005	0.2	100	-	-
	% of EU-22	2005	0.1	44.8	0.1	100
Gross value added in agriculture sector	Mio €	2005	188	103 792	457	200 011
	% of total GVA	2005	2.1	2.5	4.0	2.1
	% of National	2005	41.1	-	100	-
	% of EU coast	2005	0.2	100	-	-
	% of EU-22	2005	0.1	51.9	0.2	100

## Chapter 2 - Coastal and sea area profiles - Latvia

	Unit	Year	Coastal regions		All regions	
			Latvia	EU	Latvia	EU having sea coasts
Gross value added in industry sector	Mio €	2005	1 855	1 042 638	2 488	2 492 759
	% of total GVA	2005	20.3	24.8	21.6	26.6
	% of National	2005	74.5	-	100	-
	% of EU coast	2005	0.2	100	-	-
	% of EU-22	2005	0.1	41.8	0.1	100
Gross value added in service sector	Mio €	2005	7 078	3 053 764	8 587	6 690 707
	% of total GVA	2005	77.6	72.7	74.5	71.3
	% of National	2005	82.4	-	100	-
	% of EU coast	2005	0.2	100	-	-
	% of EU-22	2005	0.1	45.6	0.1	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			Latvia	EU	Latvia	EU having sea coasts
Employment	1000 persons	2004	658	67 012	1 008	188 779
	% of National	2004	65.3	-	100	-
	% of EU coast	2004	1.0	100	-	-
	% of EU-22	2004	0.3	35.5	0.5	100
Unemployment - Men between 15 and 24 years	1000 persons	2006	6	571	9	2 355
	% of National	2006	60.9	-	100	-
	% of EU coast	2006	1.0	100	-	-
	% of EU-22	2006	0.2	24.2	0.4	100
Unemployment - Men aged 25 years and over	1000 persons	2006	18	1 736	36	6 858
	% of National	2006	50.3	-	100	-
	% of EU coast	2006	1.0	100	-	-
	% of EU-22	2006	0.3	25.3	0.5	100
Unemployment - Women between 15 and 24 years	1000 persons	2006	5	525	9	2 043
	% of National	2006	59.8	-	100	-
	% of EU coast	2006	1.0	100	-	-
	% of EU-22	2006	0.3	25.7	0.4	100
Unemployment - Women aged 25 years and over	1000 persons	2006	16	1 822	26	6 765
	% of National	2006	60.9	-	100	-
	% of EU coast	2006	0.9	100	-	-
	% of EU-22	2006	0.2	26.9	0.4	100

Source: Eurostat (Regio)

## • Education

	Unit	Year	Coastal regions		All regions	
			Latvia	EU	Latvia	EU having sea coasts
Population having university level education	%	2001	14.8	20.8	20.4	20.1
	Index	2001	73.4	103.5	101.3	100

Source: Eurostat (Census)

## • Agriculture

	Unit	Year	Coastal regions		All regions	
			Latvia	EU	Latvia	EU having sea coasts
Agricultural area	1000 ha	2005	548	42 976	1 702	138 246
	% of National	2005	32.2	-	100	-
	% of EU coast	2005	1.3	100	-	-
	% of EU-22	2005	0.4	31.1	1.2	100
Proportion of arable land	%	2005	71.5	51.5	63.2	60.2
Livestock density per holding	Livestock Unit	2005	8	30	6	17
Standard gross margin	Per holding	2005	2	15	2	11
Standard gross margin	Per Annual Working Unit	2005	2	17	2	12

Source: Eurostat (Regio)

## • Tourism

	Unit	Year	Coastal regions		All regions	
			Latvia	EU	Latvia	EU having sea coasts
Number of hotels	Unit	2006	209	95 928	321	179 346
	% of National	2006	65.1	-	100	-
	% of EU coast	2006	0.2	100	-	-
	% of EU-22	2006	0.1	53.5	0.2	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • Enterprise statistics

	NACE	Unit	Year	National level	EU having sea coasts
Labour cost per employee FTE	Building and repairing of ships	1000 €	2005	5.1	42.7
	Building and repairing of pleasure and sporting boats	1000 €	2005	3.1	32.4

Source: Eurostat (Structural business statistics)

### • External trade by sea

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	1 004	1 398 482	
		% of EU-22	2005	0.1	100	
	Extra Eu25	1000 tonnes	2005	555	1 177 573	
		% of EU-22	2005	0.0	100	
	North American Countries	1000 tonnes	2005	43	77 094	
		% of EU-22	2005	0.1	100	
	Asia	1000 tonnes	2005	71	248 886	
		% of EU-22	2005	0.0	100	
	Africa	1000 tonnes	2005	4	247 201	
		% of EU-22	2005	0.0	100	
	South American Countries	1000 tonnes	2005	19	168 673	
		% of EU-22	2005	0.0	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	7 657	567 528
			% of EU-22	2005	1.3	100
Extra Eu25		1000 tonnes	2005	947	334 751	
		% of EU-22	2005	0.3	100	
North American Countries		1000 tonnes	2005	122	94 400	
		% of EU-22	2005	0.1	100	
Asia		1000 tonnes	2005	127	88 604	
		% of EU-22	2005	0.1	100	
Africa		1000 tonnes	2005	117	57 663	
		% of EU-22	2005	0.2	100	
South American Countries		1000 tonnes	2005	37	12 324	
		% of EU-22	2005	0.3	100	
Imports in Mio €		World	Mio €	2005	580	736 181
			% of EU-22	2005	0.1	100
	Extra Eu25	Mio €	2005	330	549 798	
		% of EU-22	2005	0.1	100	
	North American Countries	Mio €	2005	46	52 363	
		% of EU-22	2005	0.1	100	
	Asia	Mio €	2005	143	242 659	
		% of EU-22	2005	0.1	100	
	Africa	Mio €	2005	3	72 241	
		% of EU-22	2005	0.0	100	
	South American Countries	Mio €	2005	10	38 969	
		% of EU-22	2005	0.0	100	

## Chapter 2 - Coastal and sea area profiles - Latvia

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Exports in Mio €	World	Mio €	2005	1 142	660 870	
		% of EU-22	2005	0.2	100	
	Extra Eu25	Mio €	2005	361	450 086	
		% of EU-22	2005	0.1	100	
	North American Countries	Mio €	2005	87	138 560	
		% of EU-22	2005	0.1	100	
	Asia	Mio €	2005	66	147 497	
		% of EU-22	2005	0.0	100	
	Africa	Mio €	2005	26	54 327	
		% of EU-22	2005	0.0	100	
	South American Countries	Mio €	2005	14	20 219	
		% of EU-22	2005	0.1	100	
	Share of Imports (1000 tonnes)	World	%	2005	11.6	71.1
		Extra Eu25	%	2005	36.9	77.9
North American Countries		%	2005	26.3	45.0	
Asia		%	2005	36.0	73.7	
Africa		%	2005	3.1	81.1	
South American Countries		%	2005	33.7	93.2	
World		%	2005	88.4	28.9	
Share of Exports (1000 tonnes)	World	%	2005	88.4	28.9	
	Extra Eu25	%	2005	63.1	22.1	
	North American Countries	%	2005	73.7	55.0	
	Asia	%	2005	64.0	26.3	
	Africa	%	2005	96.9	18.9	
	South American Countries	%	2005	66.3	6.8	
	World	%	2005	33.7	52.7	
Share of Imports (Mio €)	World	%	2005	33.7	52.7	
	Extra Eu25	%	2005	47.7	55.0	
	North American Countries	%	2005	34.7	27.4	
	Asia	%	2005	68.4	62.2	
	Africa	%	2005	10.5	57.1	
	South American Countries	%	2005	41.1	65.8	
	World	%	2005	66.3	47.3	
Share of Exports (Mio €)	World	%	2005	66.3	47.3	
	Extra Eu25	%	2005	52.3	45.0	
	North American Countries	%	2005	65.3	72.6	
	Asia	%	2005	31.6	37.8	
	Africa	%	2005	89.5	42.9	
	South American Countries	%	2005	58.9	34.2	

Source: Eurostat (Comext)

### • Fisheries

		Unit	Year	National level	EU having sea coasts
Catches by fishing area	Marine animals (tonnes) for All fishing areas	Tonnes	2008	139 534	4 924 389
		% of EU-22	2008	2.8	100
	Of which: North-east Atlantic	Tonnes	2008	83 445	3 094 110
		% of EU-22	2008	2.3	100
Employment in the fishery sector	Fishing (Total)	Persons	2005	2 430	234 551
		% of EU-22	2005	0.9	100
	Fishing - Marine (Coastal)	Persons	2008	1 060	29 987
		% of EU-22	2008	3.6	100
	Fishing - Marine (Deep-sea)	Persons	2008	635	9 667
		% of EU-22	2008	6.6	100

Source: Eurostat (Agriculture and fisheries)

### • Environment

		Unit	Year	National level	EU having sea coasts
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	46	14 346
	Areas complying with guide values	Value	2006	35	12 680
	Areas complying with mandatory values	Value	2006	8	1 112
	Areas not complying with mandatory values	Value	2006	1	217
	Areas not sufficiently sampled or data not available	Value	2006	0	57
	Areas where bathing was prohibited	Value	2006	1	279
	Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0
Areas complying with guide values		%	2006	77.8	77.5
Areas complying with mandatory values		%	2006	17.8	19.1
Areas not complying with mandatory values		%	2006	2.2	2.8
Areas not sufficiently sampled or data not available		%	2006	0.0	0.1
Areas where bathing was prohibited		%	2006	2.2	0.5
Protected marine area <sup>(2)</sup>			km <sup>2</sup>	2007	562
		% of EU-22	2007	0.7	100

(1) Source: Eurostat (Environment)

(2) Source: DG ENV



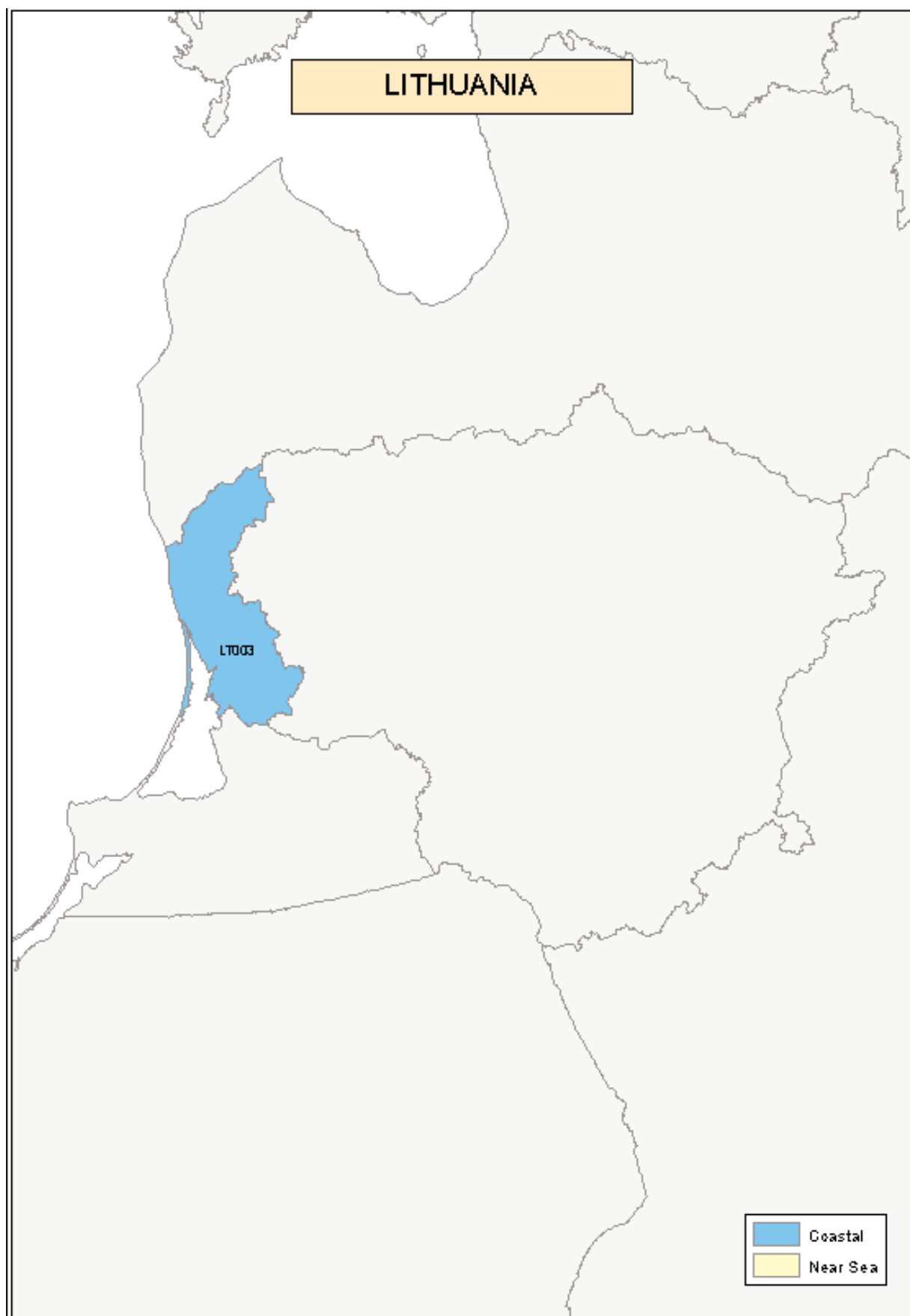
### • Ports activity

		Unit	Year	National level	EU having sea coasts
Maritime transport- Number of passengers	Total	1000 passengers	2008	217	397 650
		% of EU-22	2008	0.1	100
	Inwards	1000 passengers	2007	179	32 389
		% of EU-22	2007	0.6	100
	Outwards	1000 passengers	2007	183	32 014
		% of EU-22	2007	0.6	100
Maritime goods transport In weight between Maritime Coastal Area	Total	1000 tonnes	2008	55 740	3 612 401
		% of EU-22	2008	1.6	100
	Inwards	1000 tonnes	2007	7 481	341 759
		% of EU-22	2007	2.2	100
	Outwards	1000 tonnes	2007	52 204	282 610
		% of EU-22	2007	17.8	100

Source: Eurostat (Transport)



### 3.13 Lithuania



### General figures

- Lithuania has a coastline of 46 km which is the smallest coastline in the EU-22 coastal Member States. The country's coastal zone (within a range of 10 km from the coast) covers 639 km<sup>2</sup>, the equivalent of 0.2% of the total EU-22 coastal area.
- As of 2006, 380 000 people, or 11.2% of the country's population lives in the coastal areas. This population accounts for 2.2% of the total EU coastal population. The density of the population is 82 inhabitants/km<sup>2</sup>. While this is almost 50% higher than the country's average population density (55 inhabitants/km<sup>2</sup>), it is lower than the average observed in the total EU-22 coastal areas (108 inhabitants/km<sup>2</sup>).
- A significant imbalance is observed between the country's single coastal area and the hinterland, as regards the population density. In the coastal region live more inhabitants per km<sup>2</sup> than the average density in the country's hinterland.
- The coastal regions are key regions for the economic development of Lithuania. Despite its small surface according to 2005 data the coastal region contributed EUR 2.2 billion, or 11.8% of the country's gross value added. This amount represents however 0.1% of the total gross value generated by all EU coastal areas.
- 155 000 persons, the equivalent of 10.7% of Lithuania's labour force, is employed in the country's coastal regions (2004 data). Those persons employed represent 0.2% of the labour force employed in all the coastal areas EU-22 coastal Member States.
- Lithuania currently protects 171 km<sup>2</sup> of marine sea, a very extensive area comparing with the size of country's coastline (26.8%). This area corresponds to 0.2% of the total protected areas in the EU-22. The quality sea water in bathing areas is rather satisfying, as 66.7% of these areas are complying with guide values, with the remaining areas complying with the relevant mandatory values.

### Significant Economic Activities

- The GDP per inhabitant generated by economic activities undertaken at Lithuania's coastal regions is EUR 6 409 (2005 prices) and stands at 27.9% of the average GDP per inhabitant in the EU-22. The average GDP/inhabitant of the country's single coastal area is 5.8% higher than the respective average of the inhabitants in the hinterland areas.
- Due to the small coastline of the country, coastal tourism is not a major economic generator for the Lithuanian economy. As of 2006, only 92 hotel units are located in coastal areas - 27.2% of the country's hotel infrastructure. The number of hotels represents a tiny 0.1% of the total number of hotels units in all EU coastal areas.
- Agriculture results in EUR 84 million, or 3.8% (according to 2005 data) of the coastal areas gross added value. The proportion of the arable land is 65.8% of the total land. However, the livestock density is seven units per holding only, that is 76.7% down from the EU's average livestock density per holding (30 units).
- Fishing occupies 2 530 employees - 1% of the total EU-22 fishing labour force - and is another important economic sector. Fisheries production amounts 152 964 tonnes per year (2006 data), a quantity that is 3.1% of the EU-22 total annual production.
- Lithuanian ports facilitate 190 000 passengers and 27.2 million tonnes of maritime goods per year (as in 2006). While passenger traffic is rather small, the traffic of maritime goods is a significant economic activity in coastal areas. The latter also represents 0.8% of the corresponding total of the EU-22 traffic. The inward/outward ratio for maritime goods is 2:3. The country's leading port is Klaipeda (cargo and passenger traffic), with an annual 166 000 passengers and 20.1 million tonnes traffic in 2005<sup>(1)</sup>.
- The value of Lithuanian exports were EUR 3.2 billion in 2005 and that of imports EUR 1.4 billion.

<sup>(1)</sup> European Commission – DG Transport and Energy, "European Transport in Figures", 2007.

## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Lithuania	EU	Lithuania	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	5 209	1 772 768	65 300	4 095 998
	% of National	2006	8.0	-	100	-
	% of EU coast	2006	0.3	100	-	-
	% of EU-22	2006	0.1	43.3	1.6	100
Length of coasts <sup>(2)</sup>	km		-	-	46	136 106
	% of EU-22		-	-	0.0	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	639	416446
	% of EU-22		-	-	0.2	100
Population <sup>(1)</sup>	1000 Inhab.	2006	380	199 353	3 394	458 036
	% of National	2006	11.2	-	100	-
	% of EU coast	2006	0.2	100	-	-
	% of EU-22	2006	0.1	43.5	0.7	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			Lithuania	EU	Lithuania	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km2	2005	82	100	55	108
Crude Birth rate <sup>(3)</sup>	1000 Inhab.	2006	9.7	10.3	9.2	10.1
Crude Death rate <sup>(3)</sup>	1000 Inhab.	2006	12.0	9.4	13.2	10.0
Old age Dependency ratio <sup>(4)</sup>	Per 100 adults	2001	19	25	21	24

(3) Source: Eurostat (Regio)

(4) Source: Eurostat (Census)

### • Economics

	Unit	Year	Coastal regions		All regions	
			Lithuania	EU	Lithuania	EU having sea coasts
GDP at current market prices	€/inhab	2005	6 409	24 294	6 055	22 984
	Index	2005	27.9	105.7	26.3	100
Gross value added at basic prices	Mio €	2005	2 208	4 200 194	18 676	9 383 477
	% of National	2005	11.8	-	100	-
	% of EU coast	2005	0.1	100	-	-
	% of EU-22	2005	0.0	44.8	0.2	100
Gross value added in agriculture sector	Mio €	2005	84	103 792	1 061	200 011
	% of total GVA	2005	3.8	2.5	5.7	2.1
	% of National	2005	7.9	-	100	-
	% of EU coast	2005	0.1	100	-	-
	% of EU-22	2005	0.0	51.9	0.5	100

## Chapter 2 - Coastal and sea area profiles - Lithuania

	Unit	Year	Coastal regions		All regions	
			Lithuania	EU	Lithuania	EU having sea coasts
Gross value added in industry sector	Mio €	2005	759	1 042 638	6 175	2 492 759
	% of total GVA	2005	34.4	24.8	33.1	26.6
	% of National	2005	12.3	-	100	-
	% of EU coast	2005	0.1	100	-	-
	% of EU-22	2005	0.0	41.8	0.2	100
Gross value added in service sector	Mio €	2005	1 366	3 053 764	11 440	6 690 707
	% of total GVA	2005	61.9	72.7	61.3	71.3
	% of National	2005	11.9	-	100	-
	% of EU coast	2005	0.0	100	-	-
	% of EU-22	2005	0.0	45.6	0.2	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			Lithuania	EU	Lithuania	EU having sea coasts
Employment	1000 persons	2004	155	67 012	1 441	188 779
	% of National	2004	10.7	-	100	-
	% of EU coast	2004	0.2	100	-	-
	% of EU-22	2004	0.1	35.5	0.8	100
Unemployment - Men between 15 and 24 years	1000 persons	2006	4	571	8	2 355
	% of National	2006	53.2	-	100	-
	% of EU coast	2006	0.7	100	-	-
	% of EU-22	2006	0.2	24.2	0.3	100
Unemployment - Men aged 25 years and over	1000 persons	2006	6	1 736	39	6 858
	% of National	2006	14.7	-	100	-
	% of EU coast	2006	0.3	100	-	-
	% of EU-22	2006	0.1	25.3	0.6	100
Unemployment - Women aged 25 years and over	1000 persons	2006	6	1 822	37	6 765
	% of National	2006	15.2	-	100	-
	% of EU coast	2006	0.3	100	-	-
	% of EU-22	2006	0.1	26.9	0.5	100

Source: Eurostat (Regio)

### • Education

	Unit	Year	Coastal regions		All regions	
			Lithuania	EU	Lithuania	EU having sea coasts
Population having university level education	%	2001	29.9	20.8	34.8	20.1
	Index	2001	148.4	103.5	173.1	100

Source: Eurostat (Census)

## • Agriculture

	Unit	Year	Coastal regions		All regions	
			Lithuania	EU	Lithuania	EU having sea coasts
Agricultural area	1000 ha	2005	223	42 976	2 792	138 246
	% of National	2005	8.0	-	100	-
	% of EU coast	2005	0.5	100	-	-
	% of EU-22	2005	0.2	31.1	2.0	100
Proportion of arable land	%	2005	65.8	51.5	67.1	60.2
Livestock density per holding	Livestock Unit	2005	7	30	6	17
Standard gross margin	Per holding	2005	2	15	2	11
Standard gross margin	Per Annual Working Unit	2005	2	17	2	12

Source: Eurostat (Regio)

## • Tourism

	Unit	Year	Coastal regions		All regions	
			Lithuania	EU	Lithuania	EU having sea coasts
Number of hotels	Unit	2006	92	95 928	338	179 346
	% of National	2006	27.2	-	100	-
	% of EU coast	2006	0.1	100	-	-
	% of EU-22	2006	0.1	53.5	0.2	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • Enterprise statistics

	NACE	Unit	Year	National level	EU having sea coasts
Apparent labour productivity	Other supporting water transport activities	1000 €	2001	11	2 537
		% of EU-22	2001	0.4	100
Number of enterprises	Renting of water transport equipment	Unit	2001	17	1 397
		% of EU-22	2001	1.2	100
Number of persons employed	Other supporting water transport activities	Unit	2001	129	12 679
		% of EU-22	2001	1.0	100
Turnover or gross premiums written	Other supporting water transport activities	Mio €	2001	4	4 144
		% of EU-22	2001	0.1	100
Labour cost per employee FTE	Building and repairing of ships	1000 €	2005	8.1	42.7
	Building and repairing of pleasure and sporting boats	1000 €	2005	5.5	32.4

Source: Eurostat (Structural business statistics)

### • External trade by sea

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	2 227	1 398 482	
		% of EU-22	2005	0.2	100	
	Extra Eu25	1000 tonnes	2005	1 603	1 177 573	
		% of EU-22	2005	0.1	100	
	North American Countries	1000 tonnes	2005	87	77 094	
		% of EU-22	2005	0.1	100	
	Asia	1000 tonnes	2005	244	248 886	
		% of EU-22	2005	0.1	100	
	Africa	1000 tonnes	2005	225	247 201	
		% of EU-22	2005	0.1	100	
	South American Countries	1000 tonnes	2005	124	168 673	
		% of EU-22	2005	0.1	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	10 456	567 528
			% of EU-22	2005	1.8	100
Extra Eu25		1000 tonnes	2005	4 050	334 751	
		% of EU-22	2005	1.2	100	
North American Countries		1000 tonnes	2005	1 939	94 400	
		% of EU-22	2005	2.1	100	
Asia		1000 tonnes	2005	1 372	88 604	
		% of EU-22	2005	1.5	100	
Africa		1000 tonnes	2005	42	57 663	
		% of EU-22	2005	0.1	100	
South American Countries		1000 tonnes	2005	1	12 324	
		% of EU-22	2005	0.0	100	
Imports in Mio €		World	Mio €	2005	1 396	736 181
			% of EU-22	2005	0.2	100
	Extra Eu25	Mio €	2005	728	549 798	
		% of EU-22	2005	0.1	100	
	North American Countries	Mio €	2005	131	52 363	
		% of EU-22	2005	0.3	100	
	Asia	Mio €	2005	380	242 659	
		% of EU-22	2005	0.2	100	
	Africa	Mio €	2005	27	72 241	
		% of EU-22	2005	0.0	100	
	South American Countries	Mio €	2005	39	38 969	
		% of EU-22	2005	0.1	100	



## Chapter 2 - Coastal and sea area profiles - Lithuania

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Exports in Mio €	World	Mio €	2005	3 205	660 870	
		% of EU-22	2005	0.5	100	
	Extra Eu25	Mio €	2005	1 314	450 086	
		% of EU-22	2005	0.3	100	
	North American Countries	Mio €	2005	693	138 560	
		% of EU-22	2005	0.5	100	
	Asia	Mio €	2005	342	147 497	
		% of EU-22	2005	0.2	100	
	Africa	Mio €	2005	17	54 327	
		% of EU-22	2005	0.0	100	
	South American Countries	Mio €	2005	3	20 219	
		% of EU-22	2005	0.0	100	
	Share of Imports (1000 tonnes)	World	%	2005	17.6	71.1
		Extra Eu25	%	2005	28.4	77.9
North American Countries		%	2005	4.3	45.0	
Asia		%	2005	15.1	73.7	
Africa		%	2005	84.2	81.1	
South American Countries		%	2005	98.9	93.2	
Share of Exports (1000 tonnes)	World	%	2005	82.4	28.9	
	Extra Eu25	%	2005	71.6	22.1	
	North American Countries	%	2005	95.7	55.0	
	Asia	%	2005	84.9	26.3	
	Africa	%	2005	15.8	18.9	
	South American Countries	%	2005	1.1	6.8	
Share of Imports (Mio €)	World	%	2005	30.3	52.7	
	Extra Eu25	%	2005	35.6	55.0	
	North American Countries	%	2005	15.9	27.4	
	Asia	%	2005	52.6	62.2	
	Africa	%	2005	62.2	57.1	
	South American Countries	%	2005	93.5	65.8	
Share of Exports (Mio €)	World	%	2005	69.7	47.3	
	Extra Eu25	%	2005	64.4	45.0	
	North American Countries	%	2005	84.1	72.6	
	Asia	%	2005	47.4	37.8	
	Africa	%	2005	37.8	42.9	
	South American Countries	%	2005	6.5	34.2	

Source: Eurostat (Comext)

### • Fisheries

		Unit	Year	National level	EU having sea coasts
Catches by fishing area	Marine animals (tonnes) for All fishing areas	Tonnes	2008	152 934	4 824 389
		% of EU-22	2008	3.1	100
	Of which: North-east Atlantic	Tonnes	2008	34 445	3 894 110
		% of EU-22	2008	0.9	100
Employment in the fishery sector	Fishing (Total)	Persons	2005	2 530	234 551
		% of EU-22	2005	1.0	100
	Fishing - Marine (Coastal)	Persons	2001	620	33 647
		% of EU-22	2001	2.4	100
	Fishing - Marine (Deep-sea)	Persons	2001	1 500	11 187
		% of EU-22	2001	13.4	100

Source: Eurostat (Agriculture and fisheries)

### • Environment

		Unit	Year	National level	EU having sea coasts
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	15	14 345
	Areas complying with guide values	Value	2006	10	12 680
	Areas complying with mandatory values	Value	2006	5	1 112
	Areas not complying with mandatory values	Value	2006	0	217
	Areas not sufficiently sampled or data not available	Value	2006	0	57
	Areas where bathing was prohibited	Value	2006	0	279
	Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0
Areas complying with guide values		%	2006	66.7	77.5
Areas complying with mandatory values		%	2006	33.3	19.1
Areas not complying with mandatory values		%	2006	0.0	2.8
Areas not sufficiently sampled or data not available		%	2006	0.0	0.1
Areas where bathing was prohibited		%	2006	0.0	0.5
Protected marine area <sup>(2)</sup>		km <sup>2</sup>	2007	171	78 282
		% of EU-22	2007	0.2	100

(1) Source: Eurostat (Environment)

(2) Source: DG ENV

### • Ports activity

		Unit	Year	National level	EU-22
Maritime transport- Number of passengers	Total	1000 passengers	2008	190	397 550
		% of EU-22	2008	0.0	100
	Inwards	1000 passengers	2007	104	32 389
		% of EU-22	2007	0.3	100
	Outwards	1000 passengers	2007	108	32 014
		% of EU-22	2007	0.3	100
Maritime goods transport In weight between Maritime Coastal Area	Total	1000 tonnes	2008	27 235	3 512 401
		% of EU-22	2008	0.8	100
	Inwards	1000 tonnes	2007	10 907	341 759
		% of EU-22	2007	3.2	100
	Outwards	1000 tonnes	2007	18 348	292 610
		% of EU-22	2007	6.3	100

Source: Eurostat (Transport)



### 3.14 Malta



### General figures

- Malta has a coastline of 253 km, which represents 0.2% of the EU-22 Member States coastline. The country's coastal zone (within a range of 10 km from the coast) covers 315 km<sup>2</sup>.
- This is an island Member State with the entire population of 404 000 people living in the coastal areas of Malta, Gozo and Comino which are the three populated islands in the Maltese archipelago.
- Due to the concentration of many inhabitants in a small total area of 316 km<sup>2</sup>. The population density of 1 278 inhabitants per km<sup>2</sup> (2005 data) is the largest density in the EU-22 coastal Member States, with this density being almost 13 times more than the average EU density.
- As a result, the coastal region creates the total of the gross value added for the Maltese economy. In 2005, this value was EUR 4 086 billion, accounting however for only 0.1% of the gross value added generated in all the coastal regions of the EU.
- The country's total labour force was employed in coastal regions. In 2004, this labour force was 157 000 persons, representing 0.2% of the total labour force in the coastal regions of the EU-22.
- Concerning the environmental dimension, Malta protects 8 km<sup>2</sup> of marine sea. 73% of the bathing sea areas are complying with guide values on water quality, and 12.6% with the mandatory values, while 3.4% of the bathing sea areas are not complying with any particular mandatory or guide values.

### Significant Economic Activities

- The GDP per inhabitant in the Maltese coastal regions was EUR 11 790 per inhabitant in 2005, a 48.7% lower level than the average GDP per inhabitant in the EU-22 coastal Member States.
- Tourism is the key economic activity of the Malta's coastal region. In total 173 hotel units offered services in this region in 2006, representing the 0.2% of the hotel infrastructure of the EU-22 coastal regions. Overall, coastal tourism employees 28 000 citizens<sup>(1)</sup>.
- Agriculture produces only 2.7% of the coastal regions' gross value added (2005 data). The proportion of the arable land stands at 79.9% of the total coastal region, and the livestock density per holding is only 15 units, that is half of the EU's average value of livestock density.
- The fishing sector employees 2 477 persons or 1.6% of the country's total employment, with 1 348 tonnes fishes caught per year. This small production related to the existence of a large number of small coastal vessels (almost 1 400), with the majority of them having limited capabilities<sup>(2)</sup>.
- In 2007 the Maltese ports handled 218 000 passengers and 3 578 million tonnes of maritime goods with an inward/outward ratio of 20:1. The port of Valletta is a major harbour for cruise liners sailing in the Mediterranean: in 2005, the port hosted 327 cruise liners<sup>(3)</sup>.
- The total of international trade towards and from Malta passes through ports. The value of imports in 2005 was almost EUR 2 billion and the value of exports was EUR 747 million.

<sup>(1)</sup> Employment data sources: European Commission, DG Fisheries and Maritime Affairs studies: "Employment trends in all sectors related to the sea or using sea resources" and "Employment in the fisheries sector" as reported in: [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html)

<sup>(2)</sup> Source: European Commission. "EU Maritime Policy: Facts and Figures-Malta", DG Fisheries and Maritime Affairs. Available online at: [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html)

<sup>(3)</sup> Source: European Commission-Maritime Affairs. Facts & figures on maritime Europe (available at : [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html))

## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Malta	EU	Malta	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	316	1 772 768	316	4 095 998
	% of National	2006	100	-	100	-
	% of EU coast	2006	0.0	100	-	-
	% of EU-22	2006	0.0	43.3	0.0	100
Length of coasts <sup>(2)</sup>	km		-	-	253	136 106
	% of EU-22		-	-	0.2	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	315	416446
	% of EU-22		-	-	0.1	100
Population <sup>(1)</sup>	1000 Inhab.	2005	404	199 015	404	457 589
	% of National	2005	100	-	100	-
	% of EU coast	2005	0.2	100	-	-
	% of EU-22	2005	0.1	43.5	0.1	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			Malta	EU	Malta	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km <sup>2</sup>	2005	1 278	100	1 279	108
Crude Birth rate <sup>(3)</sup>	1000 Inhab.	2005	9.5	11.0	9.6	10.4
Crude Death rate <sup>(3)</sup>	1000 Inhab.	2005	7.7	9.5	7.8	9.7

(3) Source: Eurostat (Regio)

### • Economics

	Unit	Year	Coastal regions		All regions	
			Malta	EU	Malta	EU having sea coasts
GDP at current market prices	€/inhab	2005	11 790	24 294	11 790	22 984
	Index	2005	51.3	105.7	51.3	100
Gross value added at basic prices	Mio €	2005	4 086	4 200 194	4 096	9 383 477
	% of National	2005	99.8	-	100	-
	% of EU coast	2005	0.1	100	-	-
	% of EU-22	2005	0.0	44.8	0.0	100
Gross value added in agriculture sector	Mio €	2005	112	103 792	112	200 011
	% of total GVA	2005	2.7	2.5	2.7	2.1
	% of National	2005	100	-	100	-
	% of EU coast	2005	0.1	100	-	-
	% of EU-22	2005	0.1	51.9	0.1	100

## Chapter 2 - Coastal and sea area profiles - Malta

	Unit	Year	Coastal regions		All regions	
			Malta	EU	Malta	EU having sea coasts
Gross value added in industry sector	Mio €	2005	919	1 042 638	919	2 492 759
	% of total GVA	2005	22.5	24.8	22.4	26.6
	% of National	2005	100	-	100	-
	% of EU coast	2005	0.1	100	-	-
	% of EU-22	2005	0.0	41.8	0.0	100
Gross value added in service sector	Mio €	2005	3 055	3 053 764	3 065	6 690 707
	% of total GVA	2005	74.8	72.7	74.8	71.3
	% of National	2005	99.7	-	100	-
	% of EU coast	2005	0.1	100	-	-
	% of EU-22	2005	0.0	45.6	0.0	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			Malta	EU	Malta	EU having sea coasts
Employment	1000 persons	2004	157	67 012	157	188 779
	% of National	2004	100	-	100	-
	% of EU coast	2004	0.2	100	-	-
	% of EU-22	2004	0.1	35.5	0.1	100
Unemployment - Men between 15 and 24 years	1000 persons	2006	3	571	3	2 355
	% of National	2006	90.6	-	100	-
	% of EU coast	2006	0.5	100	-	-
	% of EU-22	2006	0.1	24.2	0.1	100
Unemployment - Men aged 25 years and over	1000 persons	2006	4	1 736	4	6 858
	% of National	2006	95.1	-	100	-
	% of EU coast	2006	0.2	100	-	-
	% of EU-22	2006	0.1	25.3	0.1	100
Unemployment - Women between 15 and 24 years	1000 persons	2006	2	525	2	2 043
	% of National	2006	90.9	-	100	-
	% of EU coast	2006	0.4	100	-	-
	% of EU-22	2006	0.1	25.7	0.1	100
Unemployment - Women aged 25 years and over	1000 persons	2006	2	1 822	3	6 765
	% of National	2006	92.0	-	100	-
	% of EU coast	2006	0.1	100	-	-
	% of EU-22	2006	0.0	26.9	0.0	100

Source: Eurostat (Regio)



## • Agriculture

	Unit	Year	Coastal regions		All regions	
			Malta	EU	Malta	EU having sea coasts
Agricultural area	1000 ha	2005	10	42 976	10	138 246
	% of National	2005	100.1	-	100	-
	% of EU coast	2005	0.0	100	-	-
	% of EU-22	2005	0.0	31.1	0.0	100
Proportion of arable land	%	2005	79.9	51.5	80.0	60.2
Livestock density per holding	Livestock Unit	2005	15	30	16	17
Standard gross margin	Per holding	2005	5	15	5	11
Standard gross margin	Per Annual Working Unit	2005	13	17	13	12

Source: Eurostat (Regio)

## • Tourism

	Unit	Year	Coastal regions		All regions	
			Malta	EU	Malta	EU having sea coasts
Number of hotels	Unit	2006	173	95 928	173	179 346
	% of National	2006	100	-	100	-
	% of EU coast	2006	0.2	100	-	-
	% of EU-22	2006	0.1	53.5	0.1	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • Enterprise statistics

	NACE	Unit	Year	National level	EU having sea coasts
Labour cost per employee FTE	Building and repairing of ships	1000 €	2002	18.9	36.9
	Building and repairing of pleasure and sporting boats	1000 €	2002	7.5	28.3

Source: Eurostat (Structural business statistics)

### • External trade by sea

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	2 094	1 398 482	
		% of EU-22	2005	0.1	100	
	Extra Eu25	1000 tonnes	2005	223	1 177 573	
		% of EU-22	2005	0.0	100	
	North American Countries	1000 tonnes	2005	27	77 094	
		% of EU-22	2005	0.0	100	
	Asia	1000 tonnes	2005	80	248 886	
		% of EU-22	2005	0.0	100	
	Africa	1000 tonnes	2005	35	247 201	
		% of EU-22	2005	0.0	100	
	South American Countries	1000 tonnes	2005	21	168 673	
		% of EU-22	2005	0.0	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	101	567 528
			% of EU-22	2005	0.0	100
Extra Eu25		1000 tonnes	2005	45	334 751	
		% of EU-22	2005	0.0	100	
North American Countries		1000 tonnes	2005	3	94 400	
		% of EU-22	2005	0.0	100	
Asia		1000 tonnes	2005	19	88 604	
		% of EU-22	2005	0.0	100	
Africa		1000 tonnes	2005	18	57 663	
		% of EU-22	2005	0.0	100	
South American Countries		1000 tonnes	2005	0	12 324	
		% of EU-22	2005	0.0	100	
Imports in Mio €		World	Mio €	2005	1 959	736 181
			% of EU-22	2005	0.3	100
	Extra Eu25	Mio €	2005	351	549 798	
		% of EU-22	2005	0.1	100	
	North American Countries	Mio €	2005	59	52 363	
		% of EU-22	2005	0.1	100	
	Asia	Mio €	2005	180	242 659	
		% of EU-22	2005	0.1	100	
	Africa	Mio €	2005	26	72 241	
		% of EU-22	2005	0.0	100	
	South American Countries	Mio €	2005	17	38 969	
		% of EU-22	2005	0.0	100	

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Exports in Mio €	World	Mio €	2005	747	660 870	
		% of EU-22	2005	0.1	100	
	Extra Eu25	Mio €	2005	218	450 086	
		% of EU-22	2005	0.0	100	
	North American Countries	Mio €	2005	32	138 560	
		% of EU-22	2005	0.0	100	
	Asia	Mio €	2005	61	147 497	
		% of EU-22	2005	0.0	100	
	Africa	Mio €	2005	102	54 327	
		% of EU-22	2005	0.2	100	
	South American Countries	Mio €	2005	5	20 219	
		% of EU-22	2005	0.0	100	
	Share of Imports (1000 tonnes)	World	%	2005	95.4	71.1
		Extra Eu25	%	2005	83.2	77.9
North American Countries		%	2005	89.5	45.0	
Asia		%	2005	80.8	73.7	
Africa		%	2005	66.0	81.1	
South American Countries		%	2005	98.1	93.2	
Share of Exports (1000 tonnes)	World	%	2005	4.6	28.9	
	Extra Eu25	%	2005	16.8	22.1	
	North American Countries	%	2005	10.5	55.0	
	Asia	%	2005	19.2	26.3	
	Africa	%	2005	34.0	18.9	
	South American Countries	%	2005	1.9	6.8	
Share of Imports (Mio €)	World	%	2005	72.4	52.7	
	Extra Eu25	%	2005	61.7	55.0	
	North American Countries	%	2005	65.2	27.4	
	Asia	%	2005	74.8	62.2	
	Africa	%	2005	20.0	57.1	
	South American Countries	%	2005	76.3	65.8	
Share of Exports (Mio €)	World	%	2005	27.6	47.3	
	Extra Eu25	%	2005	38.3	45.0	
	North American Countries	%	2005	34.8	72.6	
	Asia	%	2005	25.2	37.8	
	Africa	%	2005	80.0	42.9	
	South American Countries	%	2005	23.7	34.2	

Source: Eurostat (Comext)

### • Fisheries

		Unit	Year	National level	EU having sea coasts
Catches by fishing area	Marine animals (tonnes) for All fishing areas	Tonnes	2008	1 348	4 824 389
		% of EU-22	2008	0.0	100
	Mediterranean and Black Sea	Tonnes	2008	1 348	530 858
		% of EU-22	2008	0.2	100
Employment in the fishery sector	Fishing (Total)	Persons	2005	2 477	234 551
		% of EU-22	2005	0.9	100

Source: Eurostat (Agriculture and fisheries)

### • Environment

		Unit	Year	National level	EU having sea coasts
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	87	14 345
	Areas complying with guide values	Value	2006	73	12 680
	Areas complying with mandatory values	Value	2006	11	1 112
	Areas not complying with mandatory values	Value	2006	3	217
	Areas not sufficiently sampled or data not available	Value	2006	0	57
	Areas where bathing was prohibited	Value	2006	0	279
Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0	100.0
	Areas complying with guide values	%	2006	83.9	77.5
	Areas complying with mandatory values	%	2006	12.6	19.1
	Areas not complying with mandatory values	%	2006	3.4	2.8
	Areas not sufficiently sampled or data not available	%	2006	0.0	0.1
	Areas where bathing was prohibited	%	2006	0.0	0.5
Protected marine area <sup>(2)</sup>		km <sup>2</sup>	2007	8	78 282
		% of EU-22	2007	0.0	100

(1) Source: Eurostat (Environment)

(2) Source: DG ENV

### • Ports activity

		Unit	Year	National level	EU having sea coasts
Maritime transport- Number of passengers	Total	1000 passengers	2008	218	397 550
		% of EU-22	2008	0.1	100
	Inwards	1000 passengers	2007	108	32 389
		% of EU-22	2007	0.3	100
	Outwards	1000 passengers	2007	105	32 014
		% of EU-22	2007	0.3	100
Maritime goods transport In weight between Maritime Coastal Area	Total	1000 tonnes	2008	3 578	3 512 401
		% of EU-22	2008	0.1	100
	Inwards	1000 tonnes	2007	3 077	341 759
		% of EU-22	2007	0.9	100
	Outwards	1000 tonnes	2007	151	292 610
		% of EU-22	2007	0.1	100

Source: Eurostat (Transport)



### 3.15 Netherlands



### General figures

- The Netherlands have 1 571 km coastline, accounting for 1.2% of the total coastline in the EU-22 coastal Member States. The Dutch coastal zone (within a range of 10 km from the coast) covers 6 181 km<sup>2</sup>, the equivalent of 1.5% of the total EU-22 coastal area.
- 54% of the total population, or 8.8 million people, live in the country's coastal regions (2006 data). The population density of 487 inhabitants per square km which is almost five times the average population density of the EU-22 coastal regions.
- The country's coastal region lies on the North Sea and below the sea level. Inhabitants of the coastal regions, enjoy on average 5% higher GDP from those living in the internal regions.
- The coastal regions are key regions for the economic development of the Netherlands. According to 2005 data, the coastal regions contribute 56.2%, or EUR 254 billion, of the country's gross value added. This value added is equal to 6% of the total value added produced from the EU-22 coastal regions. The presence of the port of Rotterdam, which is the biggest port in Europe is among the backbones of the produced added value.
- 3.5 million people are employed in the Dutch coastal regions, standing at 54.3% of the nation's total employed labour force (2004 data). Port related labour force accounts for 5.2% of the total labour force in the EU-22 coastal regions.
- The Netherlands protects 4 025 km<sup>2</sup> of marine sea areas, which is the 5.1% of the total protected sea areas in the EU-22 coastal states. All the bathing sea water areas are complying with either the guide values (90.7%) or the mandatory values (9.3%) on water quality.

### Significant Economic Activities

- The GDP at the Netherlands' coastal region averages EUR 32 793 per inhabitant (2005 prices), marginally higher than the country's average but 42.7% higher than the average GDP per inhabitant in all the EU-22 coastal Member States.
- Port related economic activities are of vital importance for the Dutch economy. In 2006, 2 127 million passenger passed through the Dutch ports which also handled 476.3 million tonnes of cargo with an inward/outward ratio of 3:1. The large amount of imports is due to the role of the Dutch ports which act as gateways for the trade of many central European countries. The Netherlands has two major ports, Rotterdam and Amsterdam (cargo traffic) with the former one being Europe's largest port and among the largest in the world. Almost 70 000 people are employed in the port of Rotterdam area, with the contribution of the port cluster estimated to be at 1.7% of Dutch GDP<sup>(1)</sup>.
- The value of Dutch exports was EUR 47 billion in 2005, while that of imports was EUR 66.6 billion. Major export commodities are machinery and equipment, chemicals, fuels and foodstuffs while major import commodities are transport equipment, clothing, fuels and chemicals<sup>(2)</sup>.

<sup>(1)</sup> Employment data sources: European Commission, DG Fisheries and Maritime Affairs studies: "Employment trends in all sectors related to the sea or using sea resources" and "Employment in the fisheries sector" as reported in: [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html)

<sup>(2)</sup> Data source: Netherlands Foreign Trade Agency, available online at: <http://www.hollandtrade.com/vko/zoeken/showbouwsteen.asp?bstnum=2391>



- Tourism is a major economic activity in the country's coastal regions. In 2006, 1 807 hotel units, or 58.3% of the total number of hotel units in Netherlands, were located in the coastal region. These represented 1.9% of the total number of hotels in the EU-22 coastal regions. Among the most dynamic touristic sectors is recreational boating, as almost one third of the country's population go sailing at least one a year. As a result the recreational boating sector creates about 21 150 (direct and indirect) jobs<sup>(3)</sup>.
- Agriculture produces 2.3% of the coastal region's gross value added, or 5.8 billion € in absolute numbers (2005 data). This value might be low in peripheral terms but stands at the substantial level of 5.6% of the gross value added produced by the agriculture sector in the coastal regions of the EU-22 Member States. 59.1% of the coastal region is arable land, with the livestock density 90 units per holding, a number that is 6 times higher than the average value in the EU-22 coastal member states.
- The fishing sector provides 3 435 jobs, 1.3% of the total labour force employed in fishing in the EU-22 coastal Member States. Despite this small percentage, fishing catch is quite significant, with 433 005 tonnes fishes per annum being 8.8% of the EU-22 total.

<sup>(3)</sup> Op cit.

## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			NL	EU	NL	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	23 929	1 772 768	41 543	4 095 998
	% of National	2006	57.6	-	100	-
	% of EU coast	2006	1.3	100	-	-
	% of EU-22	2006	0.6	43.3	1.0	100
Length of coasts <sup>(2)</sup>	km		-	-	1 571	136 106
	% of EU-22		-	-	1.2	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	6181	416446
	% of EU-22		-	-	1.5	100
Population <sup>(1)</sup>	1000 Inhab.	2006	8 830	199 353	16 346	458 036
	% of National	2006	54.0	-	100	-
	% of EU coast	2006	4.4	100	-	-
	% of EU-22	2006	1.9	43.5	3.6	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			NL	EU	NL	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km <sup>2</sup>	2005	487	100	483	108
Crude Birth rate <sup>(3)</sup>	1000 Inhab.	2006	11.5	10.3	11.3	10.1
Crude Death rate <sup>(3)</sup>	1000 Inhab.	2006	8.4	9.4	8.3	10.0
Old age Dependency ratio <sup>(4)</sup>	Per 100 adults	2001	20	25	20	24

(3) Source: Eurostat (Regio)

(4) Source: Eurostat (Census)

### • Economics

	Unit	Year	Coastal regions		All regions	
			NL	EU	NL	EU having sea coasts
GDP at current market prices	€/inhab	2005	32 793	24 294	31 192	22 984
	Index	2005	142.7	105.7	135.7	100
Gross value added at basic prices	Mio €	2005	253 939	4 200 194	451 886	9 383 477
	% of National	2005	56.2	-	100	-
	% of EU coast	2005	6.0	100	-	-
	% of EU-22	2005	2.7	44.8	4.8	100
Gross value added in agriculture sector	Mio €	2005	5 808	103 792	9 647	200 011
	% of total GVA	2005	2.3	2.5	2.1	2.1
	% of National	2005	60.2	-	100	-
	% of EU coast	2005	5.6	100	-	-
	% of EU-22	2005	2.9	51.9	4.8	100

	Unit	Year	Coastal regions		All regions	
			NL	EU	NL	EU having sea coasts
Gross value added in industry sector	Mio €	2005	57 781	1 042 638	108 199	2 492 759
	% of total GVA	2005	22.8	24.8	23.9	26.6
	% of National	2005	53.4	-	100	-
	% of EU coast	2005	5.5	100	-	-
	% of EU-22	2005	2.3	41.8	4.3	100
Gross value added in service sector	Mio €	2005	190 351	3 053 764	334 040	6 690 707
	% of total GVA	2005	75.0	72.7	73.9	71.3
	% of National	2005	57.0	-	100	-
	% of EU coast	2005	6.2	100	-	-
	% of EU-22	2005	2.8	45.6	5.0	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			NL	EU	NL	EU having sea coasts
Employment	1000 persons	2004	3 503	67 012	6 453	188 779
	% of National	2004	54.3	-	100	-
	% of EU coast	2004	5.2	100	-	-
	% of EU-22	2004	1.9	35.5	3.4	100
Unemployment - Men between 15 and 24 years	1000 persons	2006	19	571	43	2 355
	% of National	2006	44.1	-	100	-
	% of EU coast	2006	3.3	100	-	-
	% of EU-22	2006	0.8	24.2	1.8	100
Unemployment - Men aged 25 years and over	1000 persons	2006	79	1 736	124	6 858
	% of National	2006	63.8	-	100	-
	% of EU coast	2006	4.5	100	-	-
	% of EU-22	2006	1.2	25.3	1.8	100
Unemployment - Women between 15 and 24 years	1000 persons	2006	28	525	47	2 043
	% of National	2006	59.7	-	100	-
	% of EU coast	2006	5.4	100	-	-
	% of EU-22	2006	1.4	25.7	2.3	100
Unemployment - Women aged 25 years and over	1000 persons	2006	70	1 822	122	6 765
	% of National	2006	57.1	-	100	-
	% of EU coast	2006	3.8	100	-	-
	% of EU-22	2006	1.0	26.9	1.8	100

Source: Eurostat (Regio)

## Chapter 2 - Coastal and sea area profiles - Netherlands

### • Education

	Unit	Year	Coastal regions		All regions	
			NL	EU	NL	EU having sea coasts
Population having university level education	%	2001	24.8	20.8	23.9	20.1
	Index	2001	123.3	103.5	118.9	100

Source: Eurostat (Census)

### • Agriculture

	Unit	Year	Coastal regions		All regions	
			NL	EU	NL	EU having sea coasts
Agricultural area	1000 ha	2005	1 031	42 976	1 958	138 246
	% of National	2005	52.6	-	100	-
	% of EU coast	2005	2.4	100	-	-
	% of EU-22	2005	0.7	31.1	1.4	100
Proportion of arable land	%	2005	59.1	51.5	57.0	60.2
Livestock density per holding	Livestock Unit	2005	90	30	133	17
Standard gross margin	Per holding	2005	128	15	103	11
Standard gross margin	Per Annual Working Unit	2005	51	17	48	12

Source: Eurostat (Regio)

### • Tourism

	Unit	Year	Coastal regions		All regions	
			NL	EU	NL	EU having sea coasts
Number of hotels	Unit	2006	1 807	95 928	3 099	179 346
	% of National	2006	58.3	-	100	-
	% of EU coast	2006	1.9	100	-	-
	% of EU-22	2006	1.0	53.5	1.7	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • Enterprise statistics

	NACE	Unit	Year	National level	EU having sea coasts
Labour cost per employee FTE	Building and repairing of ships	1000 €	2005	63.7	42.7
	Building and repairing of pleasure and sporting boats	1000 €	2005	42.7	32.4

Source: Eurostat (Structural business statistics)

### • External trade by sea

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	198 668	1 398 482	
		% of EU-22	2005	14.2	100	
	Extra Eu25	1000 tonnes	2005	169 708	1 177 573	
		% of EU-22	2005	14.4	100	
	North American Countries	1000 tonnes	2005	16 127	77 094	
		% of EU-22	2005	20.9	100	
	Asia	1000 tonnes	2005	35 590	248 886	
		% of EU-22	2005	14.3	100	
	Africa	1000 tonnes	2005	22 633	247 201	
		% of EU-22	2005	9.2	100	
	South American Countries	1000 tonnes	2005	42 176	168 673	
		% of EU-22	2005	25.0	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	63 591	567 528
			% of EU-22	2005	11.2	100
Extra Eu25		1000 tonnes	2005	35 420	334 751	
		% of EU-22	2005	10.6	100	
North American Countries		1000 tonnes	2005	8 870	94 400	
		% of EU-22	2005	9.4	100	
Asia		1000 tonnes	2005	9 302	88 604	
		% of EU-22	2005	10.5	100	
Africa		1000 tonnes	2005	4 712	57 663	
		% of EU-22	2005	8.2	100	
South American Countries		1000 tonnes	2005	1 073	12 324	
		% of EU-22	2005	8.7	100	
Imports in Mio €		World	Mio €	2005	66 595	736 181
			% of EU-22	2005	9.0	100
	Extra Eu25	Mio €	2005	53 911	549 798	
		% of EU-22	2005	9.8	100	
	North American Countries	Mio €	2005	5 096	52 363	
		% of EU-22	2005	9.7	100	
	Asia	Mio €	2005	25 908	242 659	
		% of EU-22	2005	10.7	100	
	Africa	Mio €	2005	4 330	72 241	
		% of EU-22	2005	6.0	100	
	South American Countries	Mio €	2005	4 926	38 969	
		% of EU-22	2005	12.6	100	

## Chapter 2 - Coastal and sea area profiles - Netherlands

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Exports in Mio €	World	Mio €	2005	46 944	660 870	
		% of EU-22	2005	7.1	100	
	Extra Eu25	Mio €	2005	27 804	450 086	
		% of EU-22	2005	6.2	100	
	North American Countries	Mio €	2005	7 751	138 560	
		% of EU-22	2005	5.6	100	
	Asia	Mio €	2005	9 470	147 497	
		% of EU-22	2005	6.4	100	
	Africa	Mio €	2005	3 497	54 327	
		% of EU-22	2005	6.4	100	
	South American Countries	Mio €	2005	1 004	20 219	
		% of EU-22	2005	5.0	100	
	Share of Imports (1000 tonnes)	World	%	2005	75.8	71.1
		Extra Eu25	%	2005	82.7	77.9
North American Countries		%	2005	64.5	45.0	
Asia		%	2005	79.3	73.7	
Africa		%	2005	82.8	81.1	
South American Countries		%	2005	97.5	93.2	
Share of Exports (1000 tonnes)	World	%	2005	24.2	28.9	
	Extra Eu25	%	2005	17.3	22.1	
	North American Countries	%	2005	35.5	55.0	
	Asia	%	2005	20.7	26.3	
	Africa	%	2005	17.2	18.9	
	South American Countries	%	2005	2.5	6.8	
Share of Imports (Mio €)	World	%	2005	58.7	52.7	
	Extra Eu25	%	2005	66.0	55.0	
	North American Countries	%	2005	39.7	27.4	
	Asia	%	2005	73.2	62.2	
	Africa	%	2005	55.3	57.1	
	South American Countries	%	2005	83.1	65.8	
Share of Exports (Mio €)	World	%	2005	41.3	47.3	
	Extra Eu25	%	2005	34.0	45.0	
	North American Countries	%	2005	60.3	72.6	
	Asia	%	2005	26.8	37.8	
	Africa	%	2005	44.7	42.9	
	South American Countries	%	2005	16.9	34.2	

Source: Eurostat (Comext)

### • Fisheries

		Unit	Year	National level	EU having sea coasts
Catches by fishing area	Mainline animals (tonnes) for All fishing areas	Tonnes	2008	433 005	4 824 389
		% of EU-22	2008	8.8	100
	Of which: North-east Atlantic	Tonnes	2008	357 105	3 894 110
		% of EU-22	2008	9.7	100
Employment in the fishery sector	Fishing (Total)	Persons	2005	3 435	234 651
		% of EU-22	2005	1.3	100

Source: Eurostat (Agriculture and fisheries)

### • Research Development

		Unit	Year	National level	EU having sea coasts
Patent application to the EPO	Ships or other waterborne vessels; related equipment	Per kilo of Inhab	2005	0.368	0.122

Source: Eurostat (Science and Technology (Patent))

### • Environment

		Unit	Year	National level	EU having sea coasts
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	86	14 345
	Areas complying with guide values	Value	2006	78	12 680
	Areas complying with mandatory values	Value	2006	8	1 112
	Areas not complying with mandatory values	Value	2006	0	217
	Areas not sufficiently sampled or data not available	Value	2006	0	57
	Areas where bathing was prohibited	Value	2006	0	279
Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0	100.0
	Areas complying with guide values	%	2006	90.7	77.5
	Areas complying with mandatory values	%	2006	9.3	19.1
	Areas not complying with mandatory values	%	2006	0.0	2.8
	Areas not sufficiently sampled or data not available	%	2006	0.0	0.1
	Areas where bathing was prohibited	%	2006	0.0	0.5
Protected marine area <sup>(2)</sup>		km <sup>2</sup>	2007	4 025	78 282
		% of EU-22	2007	5.1	100

(1) Source: Eurostat (Environment)

(2) Source: DG ENV

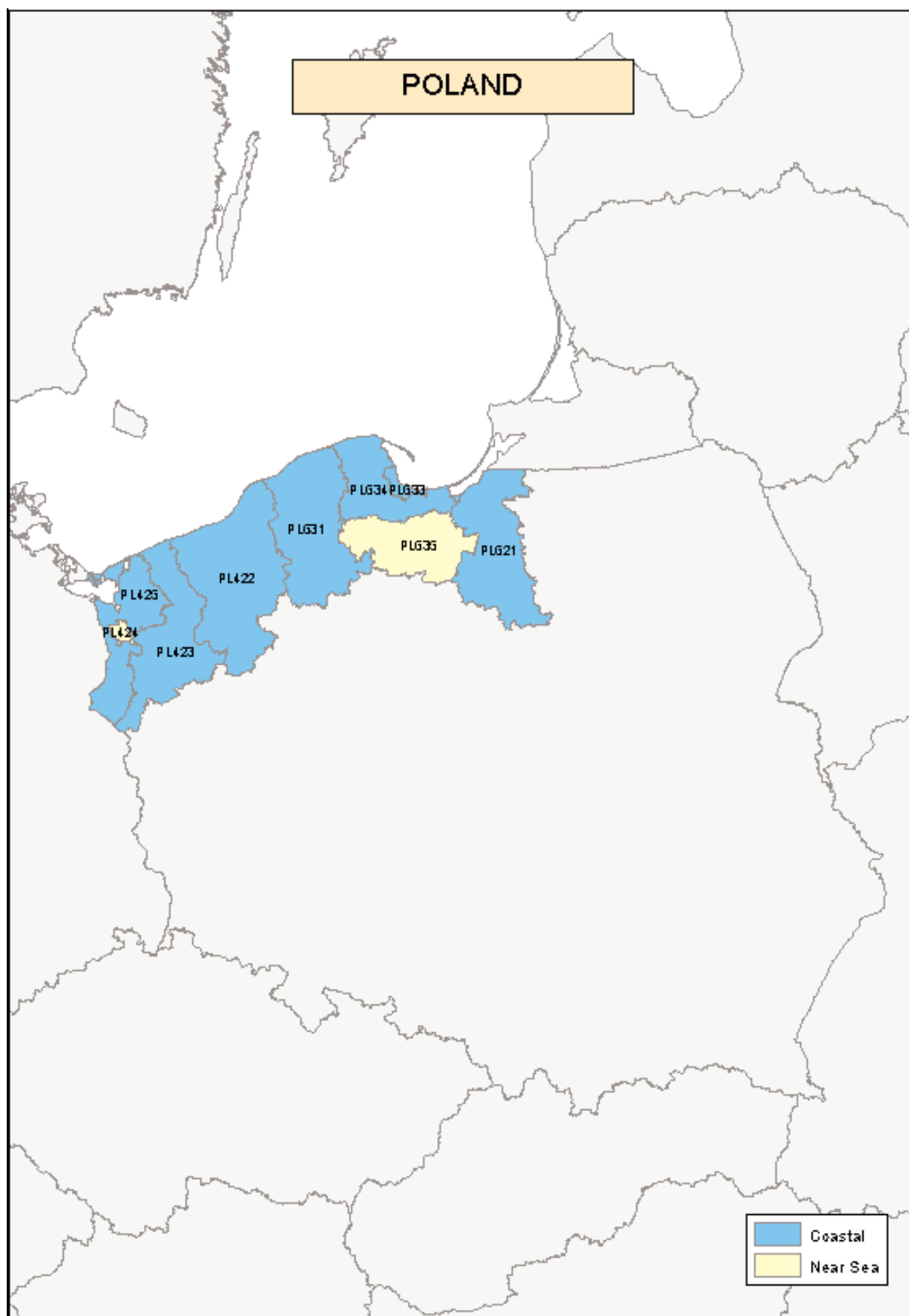
### • Ports activity

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Maritime transport - Number of passengers	Total	1000 passengers	2006	2 127	397 550
		% of EU-22	2006	0.5	100
	Inwards	1000 passengers	2006	1 053	199 384
		% of EU-22	2006	0.5	100
	Outwards	1000 passengers	2006	1 074	198 164
		% of EU-22	2006	0.5	100
Maritime goods transports in weight between Maritime Coastal Area	Total	1000 tonnes	2006	476 267	3 512 401
		% of EU-22	2006	13.6	100
	Inwards	1000 tonnes	2006	358 354	2 350 247
		% of EU-22	2006	15.2	100
	Outwards	1000 tonnes	2006	117 913	1 350 770
		% of EU-22	2006	8.7	100

Source: Eurostat (Transport)



### 3.16 Poland



### General figures

- Poland has a coastline of 698 km, which equals 0.5% of the total EU-22 coastline. The country's coastal zone (within a range of 10 km from the coast) covers 4 449 km<sup>2</sup>, the equivalent of 1.1% of the total EU-22 coastal area.
- As of 2005, 4.4 million people, or 11.5% of the country's population lives in the coastal areas. This accounts for 2.2% of the total EU coastal population. The density of the population is 89 inhabitants/km<sup>2</sup> and is substantially lower than the population density of Poland (122 inhabitants/km<sup>2</sup> or that of the total EU-22 (108 inhabitants/km<sup>2</sup>).
- Poland's coastal region was responsible in 2005 for EUR 13.2 billion gross value added, or 6.1% of the country's total. The agriculture sector produced 37% of this value, the industry 26.3%, and services 70%.
- 741.000 people, that are 5.7% of the country's total labour force, are employed in Poland's coastal regions (2004 data).
- Concerning the environment, 27% of the bathing sea areas are complying with guide values on water quality, and 33% with the mandatory values. The Several Natura2000 areas in Polish coast are in total four times the number of those located inland. Moreover, a great part of Natura2000 sites in Poland includes the land-sea connection<sup>(1)</sup>.

### Significant Economic Activities

- The GDP generated by economic activities undertaken at Polish's coastal zones is EUR 7 323 per inhabitant (2005 prices). There are no major differences in the GDP per inhabitant of the coastal areas when compared with the average GDP per hinterland inhabitants. However this GDP per inhabitant stands only at 27.6% of the EU-22 Member States and at 73.8% lower than the average GDP per inhabitant in the total EU-22 coastal regions.
- Despite the fact that Poland has all the natural prerequisites to develop the maritime tourism sector, the underdeveloped infrastructure (i.e. small number of hotel units, small number of recreational vessels) is associated with a less developed sector. In total, 389 hotels are located in the country's coastal regions, a number representing 16.9% (2006 data) of the country's total hotel infrastructure.
- Agriculture is a minor economic activity in Poland's coastal region. More particular, this economic sector produces in the coastal region an added value of EUR 487 million, with the proportion of the arable land being 80.8% of the total. The livestock density per holding is 17 units (2005 data) standing at almost half of the EU-22 coastal areas livestock density.
- 6 300 employees are working in the fishing sector (2005 data), constituting the 2.4% of the total manpower of the fishing sector in all the EU-22 coastal states. The production represents 2.4% of EU's-22 total production with 116.595 tonnes of caught fishes (2006 data).
- As regards the port industry, 1.7 million passengers used the country's ports in 2006. The same year the port freight throughout was 52.7 million tonnes of maritime goods with an inward/outward ratio of 0.6. Poland has 55 ports and harbours with the most important ones being Gdansk and Gdynia (cargo and passenger traffic).
- Almost 45% of the goods exported from Poland are transported by sea. The total value of the Poland's exports in 2005 was EUR 7.5 billion, while the value of imports value was EUR 7.2 billion.

<sup>(1)</sup> Data source concerning Natura2000 in Poland: <http://natura2000.mos.gov.pl/natura2000/en/>

## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Poland	EU	Poland	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	47 960	1 772 768	312 685	4 095 998
	% of National	2006	15.3	-	100	-
	% of EU coast	2006	2.7	100	-	-
	% of EU-22	2006	1.2	43.3	7.6	100
Length of coasts <sup>(2)</sup>	km		-	-	698	136 106
	% of EU-22		-	-	0.5	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	4449	416446
	% of EU-22		-	-	1.1	100
Population <sup>(1)</sup>	1000 Inhab.	2005	4 405	199 015	38 165	457 589
	% of National	2005	11.5	-	100	-
	% of EU coast	2005	2.2	100	-	-
	% of EU-22	2005	1.0	43.5	8.3	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			Poland	EU	Poland	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km <sup>2</sup>	2005	89	100	122	108
Crude Birth rate <sup>(3)</sup>	1000 Inhab.	2005	9.8	11.0	9.6	10.4
Crude Death rate <sup>(3)</sup>	1000 Inhab.	2005	9.0	9.5	9.7	9.7
Old age Dependency ratio <sup>(4)</sup>	Per 100 adults	2001	17	25	18	24

(3) Source: Eurostat (Regio)

(4) Source: Eurostat (Census)

### • Economics

	Unit	Year	Coastal regions		All regions	
			Poland	EU	Poland	EU having sea coasts
GDP at current market prices	€/inhab	2005	6 354	24 294	6 405	22 984
	Index	2005	27.6	105.7	27.9	100
Gross value added at basic prices	Mio €	2005	13 184	4 200 194	215 344	9 383 477
	% of National	2005	6.1	-	100	-
	% of EU coast	2005	0.3	100	-	-
	% of EU-22	2005	0.1	44.8	2.3	100
Gross value added in agriculture sector	Mio €	2005	487	103 792	9 607	200 011
	% of total GVA	2005	3.7	2.5	4.5	2.1
	% of National	2005	5.1	-	100	-
	% of EU coast	2005	0.5	100	-	-
	% of EU-22	2005	0.2	51.9	4.8	100

## Chapter 2 - Coastal and sea area profiles - Poland

	Unit	Year	Coastal regions		All regions	
			Poland	EU	Poland	EU having sea coasts
Gross value added in industry sector	Mio €	2005	3 467	1 042 638	63 626	2 492 759
	% of total GVA	2005	26.3	24.8	29.5	26.6
	% of National	2005	5.4	-	100	-
	% of EU coast	2005	0.3	100	-	-
	% of EU-22	2005	0.1	41.8	2.6	100
Gross value added in service sector	Mio €	2005	9 229	3 053 764	142 111	6 690 707
	% of total GVA	2005	70.0	72.7	66.0	71.3
	% of National	2005	6.5	-	100	-
	% of EU coast	2005	0.3	100	-	-
	% of EU-22	2005	0.1	45.6	2.1	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			Poland	EU	Poland	EU having sea coasts
Employment	1000 persons	2004	741	67 012	12 907	188 779
	% of National	2004	5.7	-	100	-
	% of EU coast	2004	1.1	100	-	-
	% of EU-22	2004	0.4	35.5	6.8	100
Unemployment - Men between 15 and 24 years	1000 persons	2006	35	571	313	2 355
	% of National	2006	11.1	-	100	-
	% of EU coast	2006	6.1	100	-	-
	% of EU-22	2006	1.5	24.2	13.3	100
Unemployment - Men aged 25 years and over	1000 persons	2006	100	1 736	885	6 858
	% of National	2006	11.3	-	100	-
	% of EU coast	2006	5.8	100	-	-
	% of EU-22	2006	1.5	25.3	12.9	100
Unemployment - Women between 15 and 24 years	1000 persons	2006	30	525	278	2 043
	% of National	2006	10.9	-	100	-
	% of EU coast	2006	5.8	100	-	-
	% of EU-22	2006	1.5	25.7	13.6	100
Unemployment - Women aged 25 years and over	1000 persons	2006	101	1 822	862	6 765
	% of National	2006	11.7	-	100	-
	% of EU coast	2006	5.5	100	-	-
	% of EU-22	2006	1.5	26.9	12.7	100

Source: Eurostat (Regio)

### • Education

	Unit	Year	Coastal regions		All regions	
			Poland	EU	Poland	EU having sea coasts
Population having university level education	%	2001	21.0	20.8	18.1	20.1
	Index	2001	104.2	103.5	89.7	100

Source: Eurostat (Census)

### • Agriculture

	Unit	Year	Coastal regions		All regions	
			Poland	EU	Poland	EU having sea coasts
Agricultural area	1000 ha	2005	916	42 976	14 516	138 246
	% of National	2005	6.3	-	100	-
	% of EU coast	2005	2.1	100	-	-
	% of EU-22	2005	0.7	31.1	10.5	100
Proportion of arable land	%	2005	80.8	51.5	76.6	60.2
Livestock density per holding	Livestock Unit	2005	17	30	7	17
Standard gross margin	Per holding	2005	6	15	3	11
Standard gross margin	Per Annual Working Unit	2005	7	17	4	12

Source: Eurostat (Regio)

### • Tourism

	Unit	Year	Coastal regions		All regions	
			Poland	EU	Poland	EU having sea coasts
Number of hotels	Unit	2006	389	95 928	2 301	179 346
	% of National	2006	16.9	-	100	-
	% of EU coast	2006	0.4	100	-	-
	% of EU-22	2006	0.2	53.5	1.3	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • External trade by sea

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	9 856	1 398 482	
		% of EU-22	2005	0.7	100	
	Extra Eu25	1000 tonnes	2005	6 498	1 177 573	
		% of EU-22	2005	0.6	100	
	North American Countries	1000 tonnes	2005	317	77 094	
		% of EU-22	2005	0.4	100	
	Asia	1000 tonnes	2005	1 567	248 886	
		% of EU-22	2005	0.6	100	
	Africa	1000 tonnes	2005	1 003	247 201	
		% of EU-22	2005	0.4	100	
	South American Countries	1000 tonnes	2005	1 328	168 673	
		% of EU-22	2005	0.8	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	22 900	567 528
			% of EU-22	2005	4.0	100
Extra Eu25		1000 tonnes	2005	6 794	334 751	
		% of EU-22	2005	2.0	100	
North American Countries		1000 tonnes	2005	1 157	94 400	
		% of EU-22	2005	1.2	100	
Asia		1000 tonnes	2005	1 330	88 604	
		% of EU-22	2005	1.5	100	
Africa		1000 tonnes	2005	1 444	57 663	
		% of EU-22	2005	2.5	100	
South American Countries		1000 tonnes	2005	692	12 324	
		% of EU-22	2005	5.6	100	
Imports in Mio €		World	Mio €	2005	7 182	736 181
			% of EU-22	2005	1.0	100
	Extra Eu25	Mio €	2005	5 353	549 798	
		% of EU-22	2005	1.0	100	
	North American Countries	Mio €	2005	352	52 363	
		% of EU-22	2005	0.7	100	
	Asia	Mio €	2005	3 302	242 659	
		% of EU-22	2005	1.4	100	
	Africa	Mio €	2005	223	72 241	
		% of EU-22	2005	0.3	100	
	South American Countries	Mio €	2005	389	38 969	
		% of EU-22	2005	1.0	100	

## Chapter 2 - Coastal and sea area profiles - Poland

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Exports in Mio €	World	Mio €	2005	7 495	660 870	
		% of EU-22	2005	1.1	100	
	Extra Eu25	Mio €	2005	4 877	450 086	
		% of EU-22	2005	1.1	100	
	North American Countries	Mio €	2005	1 047	138 560	
		% of EU-22	2005	0.8	100	
	Asia	Mio €	2005	1 425	147 497	
		% of EU-22	2005	1.0	100	
	Africa	Mio €	2005	464	54 327	
		% of EU-22	2005	0.9	100	
	South American Countries	Mio €	2005	225	20 219	
		% of EU-22	2005	1.1	100	
	Share of Imports (1000 tonnes)	World	%	2005	30.1	71.1
		Extra Eu25	%	2005	48.9	77.9
North American Countries		%	2005	21.5	45.0	
Asia		%	2005	54.1	73.7	
Africa		%	2005	41.0	81.1	
South American Countries		%	2005	65.8	93.2	
World		%	2005	69.9	28.9	
Share of Exports (1000 tonnes)	World	%	2005	69.9	28.9	
	Extra Eu25	%	2005	51.1	22.1	
	North American Countries	%	2005	78.5	55.0	
	Asia	%	2005	45.9	26.3	
	Africa	%	2005	59.0	18.9	
	South American Countries	%	2005	34.2	6.8	
	World	%	2005	48.9	52.7	
Share of Imports (Mio €)	World	%	2005	48.9	52.7	
	Extra Eu25	%	2005	52.3	55.0	
	North American Countries	%	2005	25.2	27.4	
	Asia	%	2005	69.9	62.2	
	Africa	%	2005	32.5	57.1	
	South American Countries	%	2005	63.4	65.8	
	World	%	2005	51.1	47.3	
Share of Exports (Mio €)	World	%	2005	51.1	47.3	
	Extra Eu25	%	2005	47.7	45.0	
	North American Countries	%	2005	74.8	72.6	
	Asia	%	2005	30.1	37.8	
	Africa	%	2005	67.5	42.9	
	South American Countries	%	2005	36.6	34.2	

Source: Eurostat (Comext)

### • Fisheries

		Unit	Year	National level	EU having sea coasts
Catches by fishing area	Marine animals (tonnes) for All fishing areas	Tonnes	2008	116 595	4 924 389
		% of EU-22	2008	2.4	100
	Of which: North-east Atlantic	Tonnes	2008	115 502	3 694 110
		% of EU-22	2008	3.1	100
Employment in the fishery sector	Fishing (Total)	Persons	2005	6 300	264 551
		% of EU-22	2005	2.4	100

Source: Eurostat (Agriculture and fisheries)

### • Research Development

		Unit	Year	National level	EU having sea coasts
Patent application to the EPO	Ships or other waterborne vessels; related equipment	Per kilo of inhab	2002	0.016	0.376

Source: Eurostat (Science and Technology (Patent))

### • Environment

		Unit	Year	National level	EU having sea coasts
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	70	14 346
	Areas complying with guide values	Value	2006	27	12 680
	Areas complying with mandatory values	Value	2006	33	1 112
	Areas not complying with mandatory values	Value	2006	10	217
	Areas not sufficiently sampled or data not available	Value	2006	0	57
	Areas where bathing was prohibited	Value	2006	0	279
	Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0
Areas complying with guide values		%	2006	38.6	77.5
Areas complying with mandatory values		%	2006	47.1	19.1
Areas not complying with mandatory values		%	2006	14.3	2.8
Areas not sufficiently sampled or data not available		%	2006	0.0	0.1
Areas where bathing was prohibited		%	2006	0.0	0.5
Protected marine area <sup>(2)</sup>			km <sup>2</sup>	2007	0
		% of EU-22	2007	0.0	100

(1) Source: Eurostat (Environment)

(2) Source: DG ENV



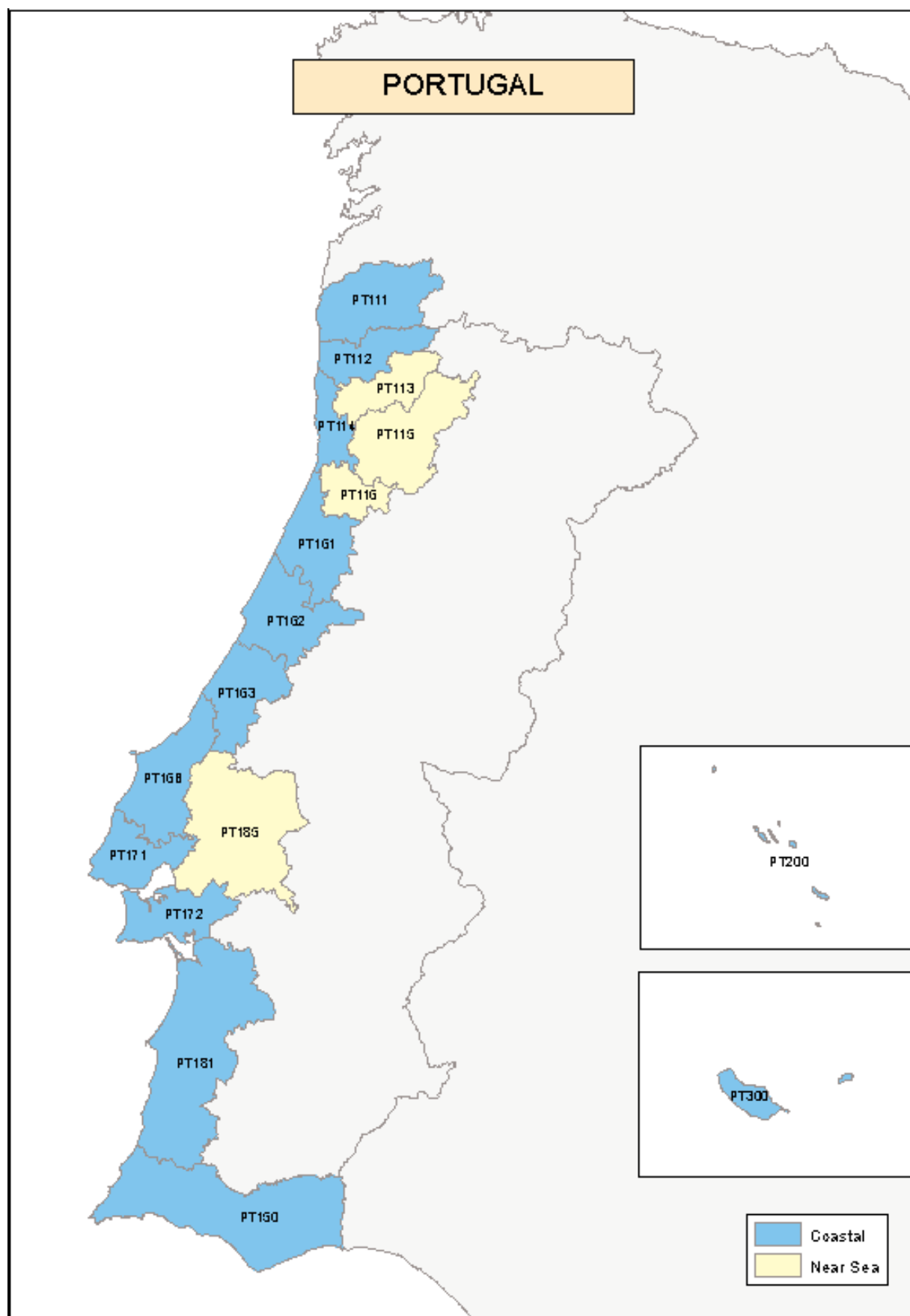
### • Ports activity

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Maritime transport - Number of passengers	Total	1000 passengers	2006	1 737	397 550
		% of EU-22	2006	0.4	100
	Inwards	1000 passengers	2006	875	199 384
		% of EU-22	2006	0.4	100
	Outwards	1000 passengers	2006	861	198 164
		% of EU-22	2006	0.4	100
Maritime goods transports in weight between Maritime Coastal Area	Total	1000 tonnes	2006	52 658	3 512 401
		% of EU-22	2006	1.5	100
	Inwards	1000 tonnes	2006	19 809	2 350 247
		% of EU-22	2006	0.8	100
	Outwards	1000 tonnes	2006	33 104	1 350 770
		% of EU-22	2006	2.5	100

Source: Eurostat (Transport)



### 3.17 Portugal



### General figures

- Portugal has a coastline of 2 476 km, which corresponds to 1.8% of the total EU-22 coastal Member States coastline. Importantly the country's Exclusive Economic Zone covers more than 1.7 million km<sup>2</sup> and is largest on in the EU<sup>(1)</sup>. Portugal's coastal zone (within a range of 10 km from the coast) covers 11 863 km<sup>2</sup> (2.8% of the corresponding EU's coastal area). In the coastal regions lives 82.2% (8.7 million inhabitants according to 2006 data) of the total population with a density of 231 inhabitants per square km, 2.3 times more than the average population density of the EU-22 coastal regions.
- Portugal has two coastal regions, the Atlantic Ocean and the Outermost region (including Azores and Madeira islands). The former region has a population density of 238 inhabitants/km<sup>2</sup> and the latter a density of 154 inhabitants/km<sup>2</sup> (2005 data).
- The two coastal regions are key regions for the economic development of Portugal. As of 2005, they contributed EUR 111.27 billion, or 86.7% of the country's gross value added. This contribution also stands as 2.2% of the gross value added produced by the coastal regions of the EU-22 coastal Member States.
- The country's economic activities are concentrated in these two coastal areas, with the latter standing as the locomotives of the Portuguese economy. In total (2004 data) 4 202 million people, that is 82.1% of the country's total labour force, are employed in Portugal's coastal regions.
- The country protects 490 km<sup>2</sup> of marine sea, an area that corresponds to 0.6% of the total EU-22 protected area. This is a small area comparing with the extent of Portugal's territorial seawaters. On the other hand, Portugal makes steps towards the exploration of renewable energies. In 2003, the country produced the 36% of the consumed electricity from renewable energies such as solar, wind and hydro). Portugal has also set up a National Strategy for the Oceans aiming to guarantee the better use of ocean and coastal resources through sustainable development<sup>(2)</sup>.

### Significant Economic Activities

- The GDP per inhabitant in Portugal's coastal regions is EUR 14 933 per inhabitant (in 2006 prices). While this amount is 5.7% higher than the average GDP per inhabitant in Portugal, it is also 35% lower than the average GDP per inhabitant in the EU-22, or almost 40% lower than the GDP of all EU-22 coastal areas.
- Tourism is a key economic activity of the Portugal's coastal regions. As of 2006, 1 655 hotel units were located in the coastal regions, representing 81.6% of the country's total number, while the coastal tourism sector creates almost 39.000 jobs<sup>(3)</sup>. Portugal's coastal regions hotel infrastructure represents only 1.7% of the total number of hotels in the EU-22 coastal regions.

<sup>(1)</sup> "Exclusive Economic Zone": United Nations (1977) "Act No. 33/77 of 28 May 1977 regarding the juridical status of the Portuguese Territorial Sea and the Exclusive Economic Zone". Available online at: [www.un.org/Depts/los/LEGISLATIONANDTREATIES/PDFFILES/PRT\\_1977\\_Act.pdf](http://www.un.org/Depts/los/LEGISLATIONANDTREATIES/PDFFILES/PRT_1977_Act.pdf)  
EEZ definition under the "Third United Nations Convention on the Law of the Sea" (1982), Part V, Article 55. "*The Exclusive Economic Zone is an area beyond and adjacent to the territorial sea, subject to the specific legal regime established in this Part, under which the rights and jurisdiction of the coastal State and the rights and freedoms of other States are governed by the relevant provisions of this Convention*"

The EEZ is a seazone of 200 nautical miles from a country's coastline over which the country has special rights over the exploration and use of marine resources

<sup>(2)</sup> Source: European Commission-Maritime Affairs. Facts & figures on maritime Europe (available at : [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html))

<sup>(3)</sup> Employment data sources: European Commission, DG Fisheries and Maritime Affairs studies: "Employment trends in all sectors related to the sea or using sea resources" and "Employment in the fisheries sector" as reported in: [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html)

- Agriculture has a small impact in the economy of Portugal's coastal regions, with an exception being wine production. As of 2005, the sector produces only EUR 2.45 billion of gross added value, standing at 2.2% of the total gross value added produced by the coastal regions of this Member State. The proportion of arable land is 40.5% and the livestock density per holding is 10 units. The latter density is 65% lower than the average density in all EU-22 coastal regions.
- Fishery is an important economic sector for Portugal. 17 261 employees (2005 data) work in this sector representing 6.5% of the total fishing labour force in the EU-22 Member States. The fish catches are 229 000 tonnes per year. This equals to 4.7% of EU's-22 total with over 80% of which are caught in North-east Atlantic sea.
- Portuguese ports facilitated in 2006 the transportation of 686 000 passengers and of 61.6 million tonnes of maritime goods with an inward/outward ratio of 2:1. Sines (cargo traffic) and Lisbon (cargo and passenger traffic) are the major country's ports.
- Portugal's international trade valued in 2005 at EUR 21.7 billion, with imports valued at EUR 14.25 billion and exports at EUR 7.45 billion. In terms of volume, 56 705 million tonnes are transported annually via sea, with 26 011 million tonnes, or 45.9% being transported to/from EU Member States.

## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Portugal	EU	Portugal	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	37 448	1 772 768	92 118	4 095 998
	% of National	2006	40.7	-	100	-
	% of EU coast	2006	2.1	100	-	-
	% of EU-22	2006	0.9	43.3	2.2	100
Length of coasts <sup>(2)</sup>	km		-	-	2 476	136 106
	% of EU-22		-	-	1.8	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	11863	416446
	% of EU-22		-	-	2.8	100
Population <sup>(1)</sup>	1000 Inhab.	2006	8 702	199 353	10 584	458 036
	% of National	2006	82.2	-	100	-
	% of EU coast	2006	4.4	100	-	-
	% of EU-22	2006	1.9	43.5	2.3	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			Portugal	EU	Portugal	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km2	2005	231	100	115	108
Crude Birth rate <sup>(3)</sup>	1000 Inhab.	2006	10.5	10.3	10.0	10.1
Crude Death rate <sup>(3)</sup>	1000 Inhab.	2006	8.9	9.4	9.6	10.0
Old age Dependency ratio <sup>(4)</sup>	Per 100 adults	2001	22	25	24	24

(3) Source: Eurostat (Regio)

(4) Source: Eurostat (Census)

### • Economics

	Unit	Year	Coastal regions		All regions	
			Portugal	EU	Portugal	EU having sea coasts
GDP at current market prices	€/inhab	2005	14 933	24 294	14 125	22 984
	Index	2005	65.0	105.7	61.5	100
Gross value added at basic prices	Mio €	2005	111 270	4 200 194	128 363	9 383 477
	% of National	2005	86.7	-	100	-
	% of EU coast	2005	2.6	100	-	-
	% of EU-22	2005	1.2	44.8	1.4	100
Gross value added in agriculture sector	Mio €	2005	2 448	103 792	3 642	200 011
	% of total GVA	2005	2.2	2.5	2.8	2.1
	% of National	2005	67.2	-	100	-
	% of EU coast	2005	2.4	100	-	-
	% of EU-22	2005	1.2	51.9	1.8	100

	Unit	Year	Coastal regions		All regions	
			Portugal	EU	Portugal	EU having sea coasts
Gross value added in industry sector	Mio €	2005	27 316	1 042 638	31 490	2 492 759
	% of total GVA	2005	24.5	24.8	24.5	26.6
	% of National	2005	86.7	-	100	-
	% of EU coast	2005	2.6	100	-	-
	% of EU-22	2005	1.1	41.8	1.3	100
Gross value added in service sector	Mio €	2005	81 505	3 053 764	93 232	6 690 707
	% of total GVA	2005	73.2	72.7	72.6	71.3
	% of National	2005	87.4	-	100	-
	% of EU coast	2005	2.7	100	-	-
	% of EU-22	2005	1.2	45.6	1.4	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			Portugal	EU	Portugal	EU having sea coasts
Employment	1000 persons	2004	4 202	67 012	5 117	188 7
	% of National	2004	82.1	-	100	
	% of EU coast	2004	6.3	100	-	
	% of EU-22	2004	2.2	35.5	2.7	10
Unemployment - Men between 15 and 24 years	1000 persons	2006	16	571	44	2 3
	% of National	2006	35.8	-	100	
	% of EU coast	2006	2.8	100	-	
	% of EU-22	2006	0.7	24.2	1.9	10
Unemployment - Men aged 25 years and over	1000 persons	2006	105	1 736	151	6 8
	% of National	2006	69.4	-	100	
	% of EU coast	2006	6.0	100	-	
	% of EU-22	2006	1.5	25.3	2.2	10
Unemployment - Women between 15 and 24 years	1000 persons	2006	13	525	45	2 0
	% of National	2006	29.0	-	100	
	% of EU coast	2006	2.5	100	-	
	% of EU-22	2006	0.6	25.7	2.2	10
Unemployment - Women aged 25 years and over	1000 persons	2006	146	1 822	189	6 7
	% of National	2006	77.6	-	100	
	% of EU coast	2006	8.0	100	-	
	% of EU-22	2006	2.2	26.9	2.8	10

Source: Eurostat (Regio)

### • Education

	Unit	Year	Coastal regions		All regions	
			Portugal	EU	Portugal	EU having sea coasts
Population having university educational level	%	2001	17.3	20.8	16.6	20.1
	Index	2001	86.0	103.5	82.7	100

Source: Eurostat (Census)

### • Agriculture

	Unit	Year	Coastal regions		All regions	
			Portugal	EU	Portugal	EU having sea coasts
Agricultural area	1000 ha	2005	894	42 976	2 624	138 246
	% of National	2005	34.1	-	100	-
	% of EU coast	2005	2.1	100	-	-
	% of EU-22	2005	0.6	31.1	1.9	100
Proportion of arable land	%	2005	40.5	51.5	33.7	60.2
Livestock density per holding	Livestock Unit	2005	10	30	10	17
Standard gross margin	Per holding	2005	8	15	7	11
Standard gross margin	Per Annual Working Unit	2005	6	17	6	12

Source: Eurostat (Regio)

### • Tourism

	Unit	Year	Coastal regions		All regions	
			Portugal	EU	Portugal	EU having sea coasts
Number of hotels	Unit	2006	1 655	95 928	2 028	179 346
	% of National	2006	81.6	-	100	-
	% of EU coast	2006	1.7	100	-	-
	% of EU-22	2006	0.9	53.5	1.1	100

Source: Eurostat (Tourism)

## Coastal areas description

### • Demography

	Unit	Year	Portuguese coastal regions		
			Atlantic Ocean	Outermost regions	Total
Population density <sup>(1)</sup>	Inhab/km <sup>2</sup>	2005	238	154	231
Crude Birth rate <sup>(1)</sup>	1000 Inhab.	2006	10.4	11.8	10.5
Crude Death rate <sup>(1)</sup>	1000 Inhab.	2006	8.9	10.1	8.9
Old age Dependency ratio <sup>(2)</sup>	Per 100 adults	2001	21.9	20.1	21.8

(1) Source: Eurostat (Regio)

(2) Source: Eurostat (Census)



### • Economics

	Unit	Year	Portuguese coastal regions		
			Atlantic Ocean	Outer-most regions	Total
GDP at current market prices	€/inhab	2005	14 920	15 148	14 933
	Index	2005	99.9	101.4	100
Gross value added at basic prices	%	2005	9 4.3	5.7	100
Gross value added in agriculture sector	%	2005	8 3.5	1 6.5	100
Gross value added in industry sector	%	2005	9 6.1	3.9	100
Gross value added in service sector	%	2005	9 4.0	6.0	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Portuguese coastal regions		
			Atlantic Ocean	Outer-most regions	Total
Employment	%	2004	94.6	5.4	100
Unemployment - Men between 15 and 24 years	%	2006	10 0.0		100
Unemployment - Men aged 25 years and over	%	2006	10 0.0		100
Unemployment - Women between 15 and 24 years	%	2006	10 0.0		100
Unemployment - Women aged 25 years and over	%	2006	10 0.0		100

Source: Eurostat (Regio)

### • Education

	Unit	Year	Portuguese coastal regions		
			Atlantic Ocean	Outer-most regions	Total
Population having university educational level	%	2001	17.6	11.8	17.3
	Index	2001	101.7	68.1	100

Source: Eurostat (Census)

### • Agriculture

<i>Portuguese coastal regions</i>					
	<i>Unit</i>	<i>Year</i>	<i>Atlantic Ocean</i>	<i>Outer-most regions</i>	<i>Total</i>
Agricultural area	%	2005	8 6.2	1 3.8	100
Proportion of arable land	%	2005	44.3	9.2	40.5
Livestock density per holding	Livestock Unit	2005	10	13	10
Standard gross margin	Per holding	2005	8	10	8
Standard gross margin	Per Annual Working Unit	2005	6	12	6

Source: Eurostat (Regio)

### • Tourism

<i>Portuguese coastal regions</i>					
	<i>Unit</i>	<i>Year</i>	<i>Atlantic Ocean</i>	<i>Outer-most regions</i>	<i>Total</i>
Number of hotels	%	2006	83.2	16.8	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • Enterprise statistics

	<i>NACE</i>	<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Labour cost per employee FTE	Building and repairing of ships	1000 €	2005	36.1	42.7
	Building and repairing of pleasure and sporting boats	1000 €	2004	12.4	30.5

Source: Eurostat (Structural business statistics)

### • External trade by sea

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	38 391	1 398 482	
		% of EU-22	2005	2.7	100	
	Extra Eu25	1000 tonnes	2005	29 019	1 177 573	
		% of EU-22	2005	2.5	100	
	North American Countries	1000 tonnes	2005	2 339	77 094	
		% of EU-22	2005	3.0	100	
	Asia	1000 tonnes	2005	4 623	248 886	
		% of EU-22	2005	1.9	100	
	Africa	1000 tonnes	2005	11 680	247 201	
		% of EU-22	2005	4.7	100	
	South American Countries	1000 tonnes	2005	5 999	168 673	
		% of EU-22	2005	3.6	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	10 707	567 528
			% of EU-22	2005	1.9	100
Extra Eu25		1000 tonnes	2005	4 612	334 751	
		% of EU-22	2005	1.4	100	
North American Countries		1000 tonnes	2005	815	94 400	
		% of EU-22	2005	0.9	100	
Asia		1000 tonnes	2005	690	88 604	
		% of EU-22	2005	0.8	100	
Africa		1000 tonnes	2005	1 681	57 663	
		% of EU-22	2005	2.9	100	
South American Countries		1000 tonnes	2005	149	12 324	
		% of EU-22	2005	1.2	100	
Imports in Mio €		World	Mio €	2005	14 247	736 181
			% of EU-22	2005	1.9	100
	Extra Eu25	Mio €	2005	9 513	549 798	
		% of EU-22	2005	1.7	100	
	North American Countries	Mio €	2005	496	52 363	
		% of EU-22	2005	0.9	100	
	Asia	Mio €	2005	2 678	242 659	
		% of EU-22	2005	1.1	100	
	Africa	Mio €	2005	3 322	72 241	
		% of EU-22	2005	4.6	100	
	South American Countries	Mio €	2005	1 335	38 969	
		% of EU-22	2005	3.4	100	

## Chapter 2 - Coastal and sea area profiles - Portugal

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Exports in Mio €	World	Mio €	2005	7 467	660 870	
		% of EU-22	2005	1.1	100	
	Extra Eu25	Mio €	2005	3 819	450 086	
		% of EU-22	2005	0.8	100	
	North American Countries	Mio €	2005	1 075	138 560	
		% of EU-22	2005	0.8	100	
	Asia	Mio €	2005	489	147 497	
		% of EU-22	2005	0.3	100	
	Africa	Mio €	2005	1 278	54 327	
		% of EU-22	2005	2.4	100	
	South American Countries	Mio €	2005	259	20 219	
		% of EU-22	2005	1.3	100	
	Share of Imports (1000 tonnes)	World	%	2005	78.2	71.1
		Extra Eu25	%	2005	86.3	77.9
North American Countries		%	2005	74.2	45.0	
Asia		%	2005	87.0	73.7	
Africa		%	2005	87.4	81.1	
South American Countries		%	2005	97.6	93.2	
Share of Exports (1000 tonnes)	World	%	2005	21.8	28.9	
	Extra Eu25	%	2005	13.7	22.1	
	North American Countries	%	2005	25.8	55.0	
	Asia	%	2005	13.0	26.3	
	Africa	%	2005	12.6	18.9	
	South American Countries	%	2005	2.4	6.8	
Share of Imports (Mio €)	World	%	2005	65.6	52.7	
	Extra Eu25	%	2005	71.4	55.0	
	North American Countries	%	2005	31.6	27.4	
	Asia	%	2005	84.5	62.2	
	Africa	%	2005	72.2	57.1	
	South American Countries	%	2005	83.7	65.8	
Share of Exports (Mio €)	World	%	2005	34.4	47.3	
	Extra Eu25	%	2005	28.6	45.0	
	North American Countries	%	2005	68.4	72.6	
	Asia	%	2005	15.5	37.8	
	Africa	%	2005	27.8	42.9	
	South American Countries	%	2005	16.3	34.2	

Source: Eurostat (Comext)

### • Fisheries

		Unit	Year	National level	EU having sea coasts
Catches by fishing area	Mainline animals (tonnes) for All fishing areas	Tonnes	2008	229 024	4 824 389
		% of EU-22	2008	4.7	100
	Of which: North-east Atlantic	Tonnes	2008	190 071	3 094 110
		% of EU-22	2008	5.2	100
	Mediterranean and Black Sea	Tonnes	2008	54	530 658
		% of EU-22	2008	0.0	100
Employment in the fishery sector	Fishing (Total)	Persons	2005	17 281	234 551
		% of EU-22	2005	6.5	100

Source: Eurostat (Agriculture and fisheries)

### • Environment

		Unit	Year	National level	EU having sea coasts
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	422	14 345
	Areas complying with guide values	Value	2006	381	12 080
	Areas complying with mandatory values	Value	2006	31	1 112
	Areas not complying with mandatory values	Value	2006	6	217
	Areas not sufficiently sampled or data not available	Value	2006	0	57
	Areas where bathing was prohibited	Value	2006	4	279
	Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0
Areas complying with guide values		%	2006	90.3	77.5
Areas complying with mandatory values		%	2006	7.3	19.1
Areas not complying with mandatory values		%	2006	1.4	2.8
Areas not sufficiently sampled or data not available		%	2006	0.0	0.1
Areas where bathing was prohibited		%	2006	0.0	0.5
Protected marine area <sup>(2)</sup>			km <sup>2</sup>	2007	490
		% of EU-22	2007	0.6	100

(1) Source: Eurostat (Environment)

(2) Source: DG ENV

### • Ports activity

		Unit	Year	National level	EU having sea coasts
Maritime transport- Number of passengers	Total	1000 passengers	2008	688	397 550
		% of EU-22	2008	0.2	100
	Inwards	1000 passengers	2007	388	32 389
		% of EU-22	2007	1.1	100
	Outwards	1000 passengers	2007	387	32 014
		% of EU-22	2007	1.1	100
Maritime goods transport In weight between Maritime Coastal Area	Total	1000 tonnes	2008	61 084	3 512 401
		% of EU-22	2008	1.8	100
	Inwards	1000 tonnes	2007	45 325	341 759
		% of EU-22	2007	13.3	100
	Outwards	1000 tonnes	2007	20 639	292 610
		% of EU-22	2007	7.1	100

Source: Eurostat (Transport)

### 3.18 Romania



### General figures

- Romania has 428 km of coastline bordering the Black Sea, an area that accounts for 0.3% of the total EU-22 coastal Member States coastline. The country's coastal zone (within a range of 10 km from the coast) covers 2 323 km<sup>2</sup>, or 1% of country's total surface.
- 968 000 people, or 4.5% of Romania's total population, live in the Member State's coastal region. The population density is 76 inhabitants/km<sup>2</sup>, and is lower than the national average (94 inhabitants/km<sup>2</sup>) and the average density of the EU coastal regions (108 inhabitants/km<sup>2</sup>).
- Coastal areas generate 5.2% of the gross value added in the country, a proportion that is high when compared with the size of either the surface or the population of these areas. The 2005 data suggest that 54.7% of the EUR 3.7 billion coastal areas' gross value added was produced by the service sector, 36.6% by the industry sector and 8.7% by agriculture activities.
- Romania's coastal regions suffer from soil erosion and degradation. Other major environmental issue is the contamination of Danube directly affecting the seawater quality as the river flow into the Black Sea<sup>(1)</sup>.

### Significant Economic Activities

- The GDP per inhabitant in Romania's coastal area stands (2005 data) at EUR 4 318. This is 17.3% higher than the average national GDP per inhabitant but only at 18.8% of the EU-22 Member States average. There are 52 000 unemployed people of 15 years and over in Romania's coastal regions, a number that equals 7% of the total unemployment in the particular Member State.
- Tourism is an important economic activity for the coastal region. 822 hotel units, 19.7% of the nations total hotel infrastructure, are located in this area (2007 data). This capacity constitutes only 0.9% of the total hotel infrastructures in the EU-22 coastal regions.
- Agriculture contributes 8.7% of the coastal region's total gross added value. The proportion of arable land stands at 82% of the total coastal region and represents 2% of the total arable land of the EU-22 coastal areas. The small contribution of this economic activity is furthered by the low livestock density per holding (2 units), which 15 times lower than the average density of the EU-22 coastal areas.
- 9 514 employees are occupied in the fishing sector (2006 data) Still, the production of this economic activity is only 614 tonnes.
- Port-related economic activities are also developing Romania's coastal areas. In 2006, there was no considerable passenger movement, but in the maritime goods, 46 million tonnes were handled, with the inward/outward ratio being 1:1, and the development of the port of Constanza (cargo traffic) via a new container terminal contributing to the development of a transshipment hub<sup>(2)</sup>.
- Romania's exports include machinery and equipment, textiles, metals and some agricultural products, while imports include fuels and minerals, chemicals, metals and agricultural products. In 2007, the value of exports reached almost EUR 30 billion, and the respective value of imports about EUR 47 billion<sup>(3)</sup>. A large amount of these goods passes through the country's ports, with the most important being Constantza (cargo traffic), Galati and Tulcea (cargo and passenger traffic).

<sup>(1)</sup> For information regarding the pollution of Danube see on the International Commission for the Protection of the Danube River website: [http://www.icpdr.org/icpdr-pages/water\\_pollution.htm](http://www.icpdr.org/icpdr-pages/water_pollution.htm)  
The Commission on the Protection of the Black Sea Against Pollution: <http://www.blacksea-commission.org/main.htm>

<sup>(2)</sup> The development of the new container terminal in Costanza port is expecting to double the container capacity of the port allowing the exploitation of the steady growth in container transport at the port. Moreover, Costanza port is the main Romanian port.  
Info available at: <http://www.portofconstantza.com>

<sup>(3)</sup> Regarding the value of imports and exports the used data are available from the National Institute of Statistics (Romania) <http://www.insse.ro>  
A large amount of the country's imports and exports are passing through the Romanian ports. According to 2005 data, 27.9% of the Romanian exports and the 17.4% of the Romanian imports facilitated through the country's ports.



## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Romania	EU	Romania	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	15 570	1 772 768	238 391	4 095 998
	% of National	2006	6.5	-	100	-
	% of EU coast	2006	0.9	100	-	-
	% of EU-22	2006	0.4	43.3	5.8	100
Length of coasts <sup>(2)</sup>	km		-	-	428	136 106
	% of EU-22		-	-	0.3	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	2323	416446
	% of EU-22		-	-	0.6	100
Population <sup>(1)</sup>	1000 Inhab.	2006	968	199 353	21 588	458 036
	% of National	2006	4.5	-	100	-
	% of EU coast	2006	0.5	100	-	-
	% of EU-22	2006	0.2	43.5	4.7	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			Romania	EU	Romania	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km <sup>2</sup>	2005	76	100	94	108
Crude Birth rate <sup>(3)</sup>	1000 Inhab.	2006	10.6	10.3	10.2	10.1
Crude Death rate <sup>(3)</sup>	1000 Inhab.	2006	10.6	9.4	12.0	10.0

(3) Source: Eurostat (Regio)

### • Economics

	Unit	Year	Coastal regions		All regions	
			Romania	EU	Romania	EU having sea coasts
GDP at current market prices	€/inhab	2005	4 318	24 294	3 681	22 984
	Index	2005	18.8	105.7	16.0	100
Gross value added at basic prices	Mio €	2005	3 687	4 200 194	70 287	9 383 477
	% of National	2005	5.2	-	100	-
	% of EU coast	2005	0.1	100	-	-
	% of EU-22	2005	0.0	44.8	0.7	100
Gross value added in agriculture sector	Mio €	2005	321	103 792	6 709	200 011
	% of total GVA	2005	8.7	2.5	9.5	2.1
	% of National	2005	4.8	-	100	-
	% of EU coast	2005	0.3	100	-	-
	% of EU-22	2005	0.2	51.9	3.4	100

## Chapter 2 - Coastal and sea area profiles - Romania

	Unit	Year	Coastal regions		All regions	
			Romania	EU	Romania	EU having sea coasts
Gross value added in industry sector	Mio €	2005	1 349	1 042 638	24 712	2 492 759
	% of total GVA	2005	36.6	24.8	35.2	26.6
	% of National	2005	5.5	-	100	-
	% of EU coast	2005	0.1	100	-	-
	% of EU-22	2005	0.1	41.8	1.0	100
Gross value added in service sector	Mio €	2005	2 017	3 053 764	38 867	6 690 707
	% of total GVA	2005	54.7	72.7	55.3	71.3
	% of National	2005	5.2	-	100	-
	% of EU coast	2005	0.1	100	-	-
	% of EU-22	2005	0.0	45.6	0.6	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			Romania	EU	Romania	EU having sea coasts
Unemployment - Men between 15 and 24 years	1000 persons	2006	11	571	130	2 355
	% of National	2006	8.2	-	100	-
	% of EU coast	2006	1.9	100	-	-
	% of EU-22	2006	0.5	24.2	5.5	100
Unemployment - Men aged 25 years and over	1000 persons	2006	23	1 736	323	6 858
	% of National	2006	7.0	-	100	-
	% of EU coast	2006	1.3	100	-	-
	% of EU-22	2006	0.3	25.3	4.7	100
Unemployment - Women between 15 and 24 years	1000 persons	2006	4	525	84	2 043
	% of National	2006	4.8	-	100	-
	% of EU coast	2006	0.8	100	-	-
	% of EU-22	2006	0.2	25.7	4.1	100
Unemployment - Women aged 25 years and over	1000 persons	2006	14	1 822	192	6 765
	% of National	2006	7.1	-	100	-
	% of EU coast	2006	0.8	100	-	-
	% of EU-22	2006	0.2	26.9	2.8	100

Source: Eurostat (Regio)

## • Agriculture

	Unit	Year	Coastal regions		All regions	
			Romania	EU	Romania	EU having sea coasts
Agricultural area	1000 ha	2005	868	42 976	13 907	138 246
	% of National	2005	6.2	-	100	-
	% of EU coast	2005	2.0	100	-	-
	% of EU-22	2005	0.6	31.1	10.1	100
Proportion of arable land	%	2005	82.0	51.5	63.8	60.2
Livestock density per holding	Livestock Unit	2005	2	30	2	17
Standard gross margin	Per holding	2005	2	15	1	11
Standard gross margin	Per Annual Working Unit	2005	3	17	2	12

Source: Eurostat (Regio)

## • Tourism

	Unit	Year	Coastal regions		All regions	
			Romania	EU	Romania	EU having sea coasts
Number of hotels	Unit	2007	822	95 920	4 163	179 384
	% of National	2007	19.7	-	100	-
	% of EU coast	2007	0.9	100	-	-
	% of EU-22	2007	0.5	53.5	2.3	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • Enterprise statistics

	NACE	Unit	Year	National level	EU having sea coasts
Labour cost per employee FTE	Building and repairing of ships	1000 €	2005	5.3	42.7
	Building and repairing of pleasure and sporting boats	1000 €	2005	2.8	32.4

Source: Eurostat (Structural business statistics)

### • Fisheries

		Unit	Year	National level	EU having sea coasts
Maritime transport - Number of passengers	Total	1000 passengers	2006	0	397 550
		% of EU-22	2006	0.0	100
	Inwards	1000 passengers	2006	0	199 384
		% of EU-22	2006	0.0	100
	Outwards	1000 passengers	2006	0	198 164
		% of EU-22	2006	0.0	100
Maritime goods transports in weight between Maritime Coastal Area	Total	1000 tonnes	2006	46 006	3 512 401
		% of EU-22	2006	1.3	100
	Inwards	1000 tonnes	2006	24 283	2 350 247
		% of EU-22	2006	1.0	100
	Outwards	1000 tonnes	2006	21 723	1 350 770
		% of EU-22	2006	1.6	100

Source: Eurostat (Agriculture and fisheries)

### • Research Development

		Unit	Year	National level	EU having sea coasts
Patent application to the EPO	Ships or other waterborne vessels; related equipment	Per 100 of Inhab	2004	0.046	0.288

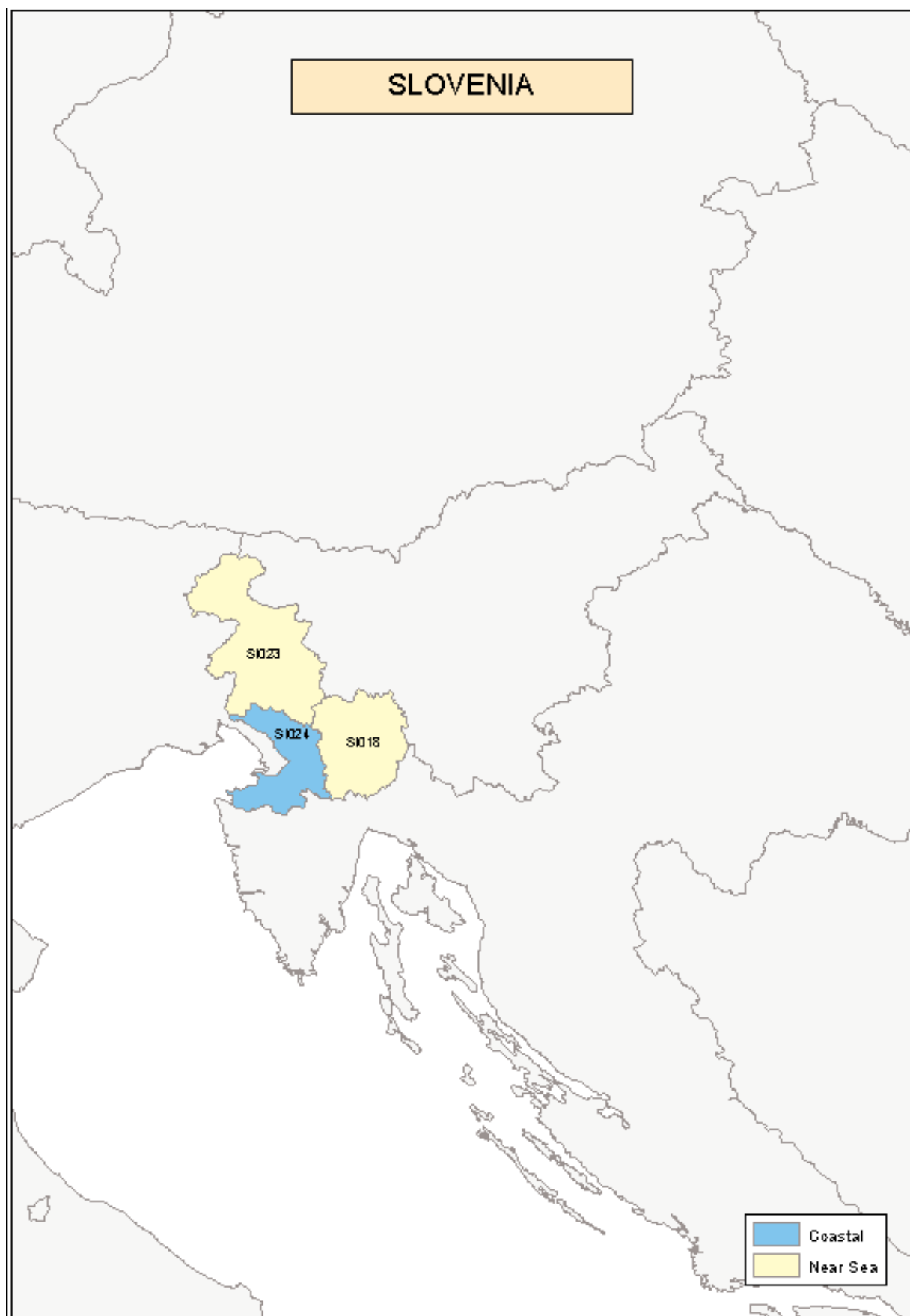
Source: Eurostat (Science and Technology (Patent))

### • Ports activity

		Unit	Year	National level	EU having sea coasts
Maritime transport - Number of passengers	Total	1000 passengers	2006	0	397 550
		% of EU-22	2006	0.0	100
	Inwards	1000 passengers	2006	0	199 384
		% of EU-22	2006	0.0	100
	Outwards	1000 passengers	2006	0	198 164
		% of EU-22	2006	0.0	100
Maritime goods transports in weight between Maritime Coastal Area	Total	1000 tonnes	2006	46 006	3 512 401
		% of EU-22	2006	1.3	100
	Inwards	1000 tonnes	2006	24 283	2 350 247
		% of EU-22	2006	1.0	100
	Outwards	1000 tonnes	2006	21 723	1 350 770
		% of EU-22	2006	1.6	100

Source: Eurostat (Transport)

### 3.19 Slovenia



### General figures

- Slovenia has a small coastal area. With a length of only 48 km the country is ranked among the EU Member States with the smaller coastlines. Slovenia's coastline is adjacent to Adriatic Sea, with 38 km out of the total 48 km of coastline experiencing a significant coastal erosion impact. Despite the existing policy measures undertaken, 15 km of the country's coastline continue to erode<sup>(1)</sup>.
- Because of the small coastline length, Slovenia's coastal zone (area within a range of 10 km from the coast) covers only 409 km<sup>2</sup>. This surface equals to 2.02% of the country's territory. Despite the small size of this zone however, a total of 276 000 inhabitants, representing 13.8% of the total Slovenia's population, live in this area. The average density of 58 inhabitants per square km is lower than the country's average (99 inhabitant/ km<sup>2</sup>), or the respective EU-22 coastal regions average (100 inhabitant/km<sup>2</sup>).
- As of 2005 Slovenia's coastal region contributes EUR 24.7 billion or 13.1% of the country's total gross added value per year. When compared with the size of the coastal area, this percentage is high. A main reason is that Slovenia's ports handle the majority of the country's external trade.
- 12.8% of Slovenia's workforce is employed in the coastal region (2004 data). This rather high percentage is the outcome of the development of several sea related activities (fishing, ports, and other maritime activities), as well as of the significant touristic development of the country's coastal regions, i.e. 25.4% of the country's hotel infrastructures is located in the coastal area s of the country (2006 data).

### Significant Economic Activities

- The service sector is the main gross value added generator in the coastal region, producing 66.4% of the coastal area's gross value added. Tourism is a rapidly developing economic sector that generates 9% of the Slovenian GDP. 26% of the country's visitors per year visit hotels units located in the Slovenia's coastal area, with coastal tourism generating 18 350 jobs<sup>(2)</sup>.
- Seaport related economic activities represent another very important economic sector. In total, there are 16 ports located in Slovenia (including 3 marinas and 3 fishing ports), with Koper (crago and passenger traffic) being the main facilitator of the country's external trade. In 2006 a total throughput of 30 000 passengers and 15 391 million tonnes of cargoes used the Slovenian ports, with the inwards/outwards ratio of this throughput being 2:1. The major port is that of Koper, which handles around 12 million tonnes of cargo per year, while the major marinas generating economic activities are those of Piran and Izola.
- The value of the Member State's external trade accounts for EUR 2 492 billion, with 65.6% of this trade values representing imports. The main trading partners are the EU Member States, as two thirds of Slovenia's trade is intra-EU trade.
- Agriculture is a less important economic activity, as it generates only EUR 86 million, or 2.7% of the coastal area gross value added. The insignificance of the particular economic sector is the result of both the small size of the arable land, which stands, according to 2005 data, at only 9.7% of the total coastal area, as well as of the low level livestock density, which stands at only 4 units at per holding, when the respective average rate for the EU-22 coastal Member States is 30 units per holding.
- Fishing is also a comparatively insignificant economic sector in terms of both employment and contribution to Slovenia's GDP. According to 2006 data a tiny total of only 108 employees (2006 data) are working in the fishing sector.

<sup>(1)</sup> "Living with Coastal Erosion in Europe: Sediment and Space for Sustainability", Results from the Eurosion Study, European Commission, DG Environment, 2004 (for details: <http://www.eurosion.org>).

<sup>(2)</sup> Employment data source: European Commission, DG Fisheries and Maritime Affairs studies: "Employment trends in all sectors related to the sea or using sea resources"

## Relative importance of the coastal areas

## • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Slovenia	EU	Slovenia	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	4 825	1 772 768	20 273	4 095 998
	% of National	2006	23.8	-	100	-
	% of EU coast	2006	0.3	100	-	-
	% of EU-22	2006	0.1	43.3	0.5	100
Length of coasts <sup>(2)</sup>	km		-	-	48	136 106
	% of EU-22		-	-	0.0	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	409	416446
	% of EU-22		-	-	0.1	100
Population <sup>(1)</sup>	1000 Inhab.	2005	276	199 015	2 001	457 589
	% of National	2005	13.8	-	100	-
	% of EU coast	2005	0.1	100	-	-
	% of EU-22	2005	0.1	43.5	0.4	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

## • Demography

	Unit	Year	Coastal regions		All regions	
			Slovenia	EU	Slovenia	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km2	2005	58	100	99	108
Old age Dependency ratio <sup>(4)</sup>	Per 100 adults	2001	23	25	20	24

(3) Source: Eurostat (Regio)

(4) Source: Eurostat (Census)

## • Economics

	Unit	Year	Coastal regions		All regions	
			Slovenia	EU	Slovenia	EU having sea coasts
GDP at current market prices	€/inhab	2005	13 367	24 294	14 120	22 984
	Index	2005	58.2	105.7	61.4	100
Gross value added at basic prices	Mio €	2005	3 227	4 200 194	24 703	9 383 477
	% of National	2005	13.1	-	100	-
	% of EU coast	2005	0.1	100	-	-
	% of EU-22	2005	0.0	44.8	0.3	100
Gross value added in agriculture sector	Mio €	2005	86	103 792	623	200 011
	% of total GVA	2005	2.7	2.5	2.5	2.1
	% of National	2005	13.8	-	100	-
	% of EU coast	2005	0.1	100	-	-
	% of EU-22	2005	0.0	51.9	0.3	100

## Chapter 2 - Coastal and sea area profiles - Slovenia

	Unit	Year	Coastal regions		All regions	
			Slovenia	EU	Slovenia	EU having sea coasts
Gross value added in industry sector	Mio €	2005	998	1 042 638	8 213	2 492 759
	% of total GVA	2005	30.9	24.8	33.2	26.6
	% of National	2005	12.2	-	100	-
	% of EU coast	2005	0.1	100	-	-
	% of EU-22	2005	0.0	41.8	0.3	100
Gross value added in service sector	Mio €	2005	2 143	3 053 764	15 867	6 690 707
	% of total GVA	2005	66.4	72.7	64.2	71.3
	% of National	2005	13.5	-	100	-
	% of EU coast	2005	0.1	100	-	-
	% of EU-22	2005	0.0	45.6	0.2	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			Slovenia	EU	Slovenia	EU having sea coasts
Employment	1000 persons	2004	117	67 012	914	188 779
	% of National	2004	12.8	-	100	-
	% of EU coast	2004	0.2	100	-	-
	% of EU-22	2004	0.1	35.5	0.5	100

Source: Eurostat (Regio)

### • Education

	Unit	Year	Coastal regions		All regions	
			Slovenia	EU	Slovenia	EU having sea coasts
Population having university level education	%	2001	11.2	20.8	15.2	20.1
	Index	2001	55.5	103.5	75.7	100

Source: Eurostat (Census)

### • Agriculture

	Unit	Year	Coastal regions		All regions	
			Slovenia	EU	Slovenia	EU having sea coasts
Agricultural area	1000 ha	2005	17	42 976	226	138 246
	% of National	2005	7.6	-	100	-
	% of EU coast	2005	0.0	100	-	-
	% of EU-22	2005	0.0	31.1	0.2	100
Proportion of arable land	%	2005	9.7	51.5	35.9	60.2
Livestock density per holding	Livestock Unit	2005	4	30	7	17
Standard gross margin	Per holding	2005	4	15	5	11

Source: Eurostat (Regio)



### • Tourism

	<i>Unit</i>	<i>Year</i>	<i>Coastal regions</i>		<i>All regions</i>	
			<i>Slovenia</i>	<i>EU</i>	<i>Slovenia</i>	<i>EU having sea coasts</i>
Number of hotels	Unit	2006	91	95 928	358	179 346
	% of National	2006	25.4	-	100	-
	% of EU coast	2006	0.1	100	-	-
	% of EU-22	2006	0.1	53.5	0.2	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • External trade by sea

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	3 672	1 398 482	
		% of EU-22	2005	0.3	100	
	Extra Eu25	1000 tonnes	2005	2 476	1 177 573	
		% of EU-22	2005	0.2	100	
	North American Countries	1000 tonnes	2005	130	77 094	
		% of EU-22	2005	0.2	100	
	Asia	1000 tonnes	2005	799	248 886	
		% of EU-22	2005	0.3	100	
	Africa	1000 tonnes	2005	364	247 201	
		% of EU-22	2005	0.1	100	
	South American Countries	1000 tonnes	2005	373	168 673	
		% of EU-22	2005	0.2	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	1 200	567 528
			% of EU-22	2005	0.2	100
Extra Eu25		1000 tonnes	2005	609	334 751	
		% of EU-22	2005	0.2	100	
North American Countries		1000 tonnes	2005	41	94 400	
		% of EU-22	2005	0.0	100	
Asia		1000 tonnes	2005	272	88 604	
		% of EU-22	2005	0.3	100	
Africa		1000 tonnes	2005	234	57 663	
		% of EU-22	2005	0.4	100	
South American Countries		1000 tonnes	2005	2	12 324	
		% of EU-22	2005	0.0	100	

## Chapter 2 - Coastal and sea area profiles - Slovenia

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in Mio €	World	Mio €	2005	1 634	736 181	
		% of EU-22	2005	0.2	100	
	Extra Eu25	Mio €	2005	1 100	549 798	
		% of EU-22	2005	0.2	100	
	North American Countries	Mio €	2005	51	52 363	
		% of EU-22	2005	0.1	100	
	Asia	Mio €	2005	383	242 659	
		% of EU-22	2005	0.2	100	
	Africa	Mio €	2005	43	72 241	
		% of EU-22	2005	0.1	100	
	South American Countries	Mio €	2005	101	38 969	
		% of EU-22	2005	0.3	100	
	Exports in Mio €	World	Mio €	2005	858	660 870
			% of EU-22	2005	0.1	100
Extra Eu25		Mio €	2005	524	450 086	
		% of EU-22	2005	0.1	100	
North American Countries		Mio €	2005	139	138 560	
		% of EU-22	2005	0.1	100	
Asia		Mio €	2005	188	147 497	
		% of EU-22	2005	0.1	100	
Africa		Mio €	2005	84	54 327	
		% of EU-22	2005	0.2	100	
South American Countries		Mio €	2005	7	20 219	
		% of EU-22	2005	0.0	100	
Share of Imports (1000 tonnes)		World	%	2005	75.4	71.1
		Extra Eu25	%	2005	80.3	77.9
	North American Countries	%	2005	76.3	45.0	
	Asia	%	2005	74.6	73.7	
	Africa	%	2005	60.8	81.1	
	South American Countries	%	2005	99.4	93.2	
Share of Exports (1000 tonnes)	World	%	2005	24.6	28.9	
	Extra Eu25	%	2005	19.7	22.1	
	North American Countries	%	2005	23.7	55.0	
	Asia	%	2005	25.4	26.3	
	Africa	%	2005	39.2	18.9	
	South American Countries	%	2005	0.6	6.8	

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Share of Imports (Mio €)	World	%	2005	65.6	52.7
	Extra Eu25	%	2005	67.7	55.0
	North American Countries	%	2005	26.7	27.4
	Asia	%	2005	67.1	62.2
	Africa	%	2005	33.6	57.1
	South American Countries	%	2005	93.2	65.8
Share of Exports (Mio €)	World	%	2005	34.4	47.3
	Extra Eu25	%	2005	32.3	45.0
	North American Countries	%	2005	73.3	72.6
	Asia	%	2005	32.9	37.8
	Africa	%	2005	66.4	42.9
	South American Countries	%	2005	6.8	34.2

Source: Eurostat (Comext)

### • Fisheries

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Catches by fishing area	Marine animals (tonnes) for All fishing areas	Tonnes	2008	933	4 924 389
		% of EU-22	2008	0.0	100
	Mediterranean and Black Sea	Tonnes	2008	933	530 653
		% of EU-22	2008	0.2	100
Employment in the fishery sector	Fishing (Total)	Persons	2005	108	234 551
		% of EU-22	2005	0.0	100

Source: Eurostat (Agriculture and fisheries)

### • Research Development

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Patent application to the EPO	Ships or other waterborne vessels; related equipment	Per kilo of Inhab	2001	0.502	0.317

Source: Eurostat (Science and Technology (Patent))

### • Environment

		Unit	Year	National level	EU having sea coasts
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	19	14 345
	Areas complying with guide values	Value	2006	16	12 680
	Areas complying with mandatory values	Value	2006	3	1 112
	Areas not complying with mandatory values	Value	2006	0	217
	Areas not sufficiently sampled or data not available	Value	2006	0	57
	Areas where bathing was prohibited	Value	2006	0	279
	Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0
Areas complying with guide values		%	2006	84.2	77.5
Areas complying with mandatory values		%	2006	15.8	19.1
Areas not complying with mandatory values		%	2006	0.0	2.8
Areas not sufficiently sampled or data not available		%	2006	0.0	0.1
Areas where bathing was prohibited		%	2006	0.0	0.5
Protected marine area <sup>(2)</sup>			km <sup>2</sup>	2007	0
		% of EU-22	2007	0.0	100

(1) Source: Eurostat (Environment)

(2) Source: DG ENV

### • Ports activity

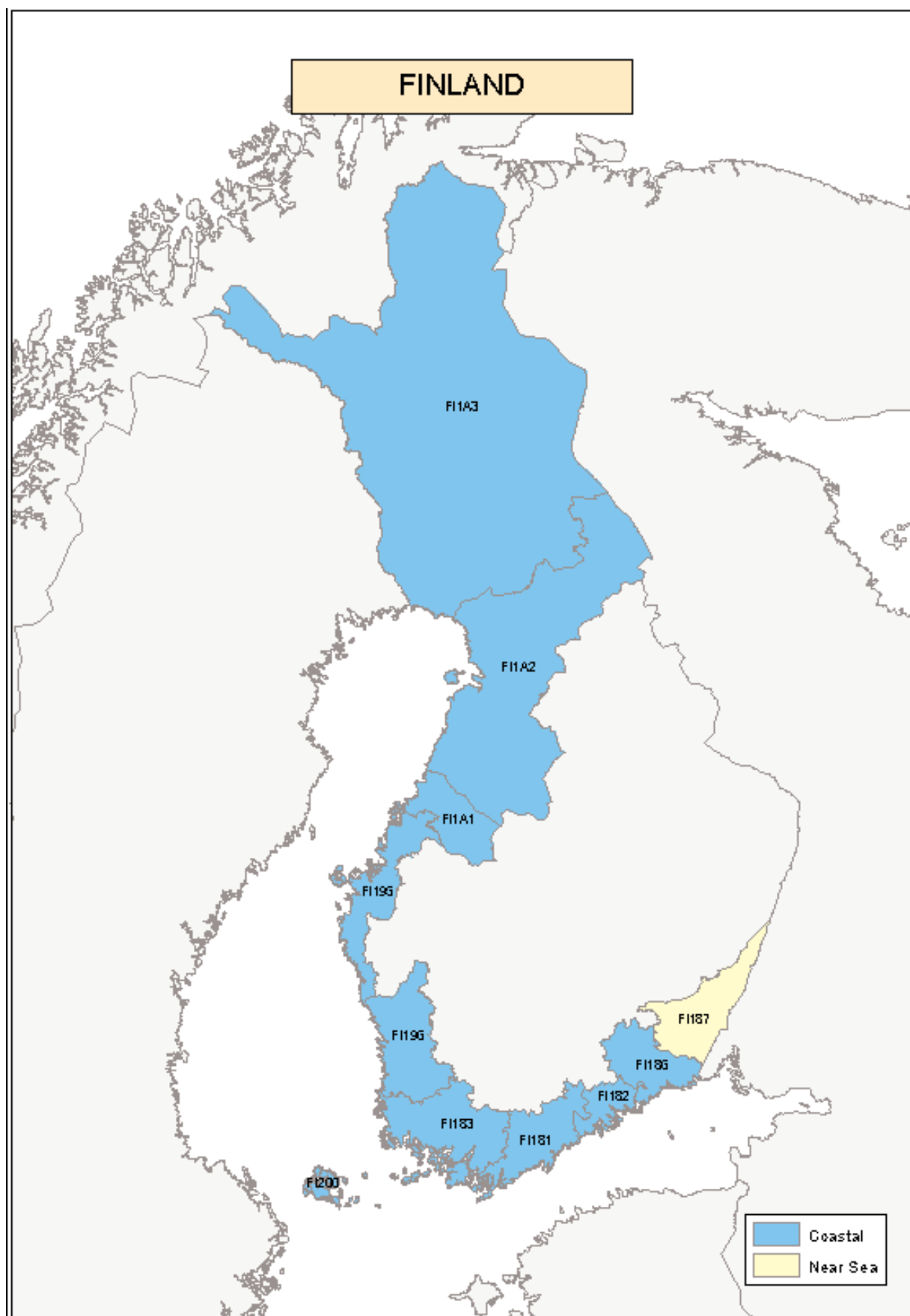
		Unit	Year	National level	EU having sea coasts
Maritime transport - Number of passengers	Total	1000 passengers	2006	30	397 550
		% of EU-22	2006	0.0	100
	Inwards	1000 passengers	2006	15	199 384
		% of EU-22	2006	0.0	100
	Outwards	1000 passengers	2006	15	198 164
		% of EU-22	2006	0.0	100

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Maritime goods transports in weight between Maritime Coastal Area	Total	1000 tonnes	2006	15 391	3 512 401
		% of EU-22	2006	0.4	100
	Inwards	1000 tonnes	2006	10 501	2 350 247
		% of EU-22	2006	0.4	100
	Outwards	1000 tonnes	2006	4 889	1 350 770
		% of EU-22	2006	0.4	100

Source: Eurostat (Transport)



### 3.20 Finland



### General figures

- Finland has a coastline length of 19 463 km, which is the third largest coastline length in the EU-22 coastal Member States. The country's single coastal area lies on the Baltic Sea and its coastal zone (within a range of 10 km from the coast) covers 21 299 km<sup>2</sup> representing 5.1% of the total EU coastal area.
- As of 2006, 3.3 million people - 62.7% of the country's total population - lived in coastal regions with an average density of only 18 inhabitants per km<sup>2</sup>. This density is the lowest among the EU-22 coastal areas, and 6 times lower than the average density in the EU's coastal regions (108 inhabitants per km<sup>2</sup>).
- Coastal regions are key regions for the economic development of Finland. A gross added value of EUR 94.67 billion, or 69.4% of the country's gross added value is produced in coastal regions (2005 data). This gross value added represented 2.3% of the gross value added generated by all the EU-22 coastal areas, and 1% of the respective EU-22 coastal Member States' total.
- 1.456 million persons employed - 61.5% of the country's total labour force – were working in the coastal areas (2004 data). This number is equal to 2.2% of the labour force employed in all EU-22 coastal regions.
- Finland protects 5 460 km<sup>2</sup> of sea area, a size representing a 7% share of the total marine protected areas in the EU-22. 63.6% of the country's bathing areas are complying with the guide values on sea water quality while another 35.4% complies with only the relevant mandatory values.

### Significant Economic Activities

- Expressed in 2005 prices, the per capita GDP inhabitant in the Finnish coastal regions was EUR 33 227. This is the second highest value in the EU-22 and 44.6% higher than the average GDP per inhabitant in the EU-22 coastal Member States. The coastal regions' inhabitants enjoy a 10.9% higher GDP than the average Finn.
- There is also a difference in the unemployment rate between the coastal regions, where unemployment stands at 6.7%, and the rest of the country, where a 9.9% unemployment rate was registered (2006 data).
- In relative terms, tourism is an important economic activity for Finland's coastal regions. The country has 923 hotel units, 58.4% of which are located in the coastal regions (2006 data). In 2004, tourism provided EUR 3.117 billion in added value, an amount that equals 2.4% of the country's GDP, and created about 73 000 jobs<sup>(1)</sup>. In total, 65% of total tourism revenue in Finland comes from the coastal regions<sup>(2)</sup>.
- As a Nordic country with a rough climate, agriculture provides only 2% of the annual coastal areas' gross value added. By generating about EUR 1.93 billion (in 2005), the coastal regions are responsible for 48.4% of the gross value added produced by the agriculture sector in Finland. The proportion of arable land is 98.4% of the total coastal region. The livestock density is remarkably high, standing at 51 units per holding. This is three times the average livestock density in the EU-22. The country's major agriculture products are barley, wheat, dairy cattle and fish.

<sup>(1)</sup> Employment data sources: European Commission, DG Fisheries and Maritime Affairs studies: "Employment trends in all sectors related to the sea or using sea resources" and "Employment in the fisheries sector" as reported in: [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html)

<sup>(2)</sup> European Commission-Maritime Affairs. Facts & figures on maritime Europe (available at : [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html))



- The fishing sector employs 3 270 persons (2005 data) and represents 1.2% of the total employment in the EU-22 fishing sector. The sector's production in 2006 was 100 090 tonnes of fish catches, 2% of the total production in the EU-22 coastal Member States.
- Ports are of crucial importance for Finland. The geographical characteristics of the country result in large road distances. The country relies upon sea transportation for both goods and passengers transportation. In 2006 Finland's ports handled 16.74 million passengers and 97.93 million tonnes of maritime goods, with an inward/outward ratio of 1:2. Finland has around 50 ports; the major ones being Helsinki (cargo and passenger traffic), Harmina, Kokkola, Naantali and Pori (cargo traffic).
- The majority (almost 90%) of the country's exports are transported by sea. The total value of the exports for the year 2005 was EUR 35.67 billion, whereas the value of imports was EUR 35.85 billion. Exported goods are mainly machinery and equipment, chemicals, metals, timber and paper while the imported products include foodstuffs, petroleum, transport equipment, iron and steel, textiles and grains.

## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Finland	EU	Finland	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	192 624	1 772 768	338 176	4 095 998
	% of National	2006	57.0	-	100	-
	% of EU coast	2006	10.9	100	-	-
	% of EU-22	2006	4.7	43.3	8.3	100
Length of coasts <sup>(2)</sup>	km		-	-	19 463	136 106
	% of EU-22		-	-	14.3	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	21299	416446
	% of EU-22		-	-	5.1	100
Population <sup>(1)</sup>	1000 Inhab.	2006	3 302	199 353	5 266	458 036
	% of National	2006	62.7	-	100	-
	% of EU coast	2006	1.7	100	-	-
	% of EU-22	2006	0.7	43.5	1.1	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			Finland	EU	Finland	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km <sup>2</sup>	2005	18	100	17	108
Crude Birth rate <sup>(3)</sup>	1000 Inhab.	2006	11.6	10.3	11.2	10.1
Crude Death rate <sup>(3)</sup>	1000 Inhab.	2006	8.5	9.4	9.1	10.0
Old age Dependency ratio <sup>(4)</sup>	Per 100 adults	2001	20	25	22	24

(3) Source: Eurostat (Regio)

(4) Source: Eurostat (Census)

### • Economics

	Unit	Year	Coastal regions		All regions	
			Finland	EU	Finland	EU having sea coasts
GDP at current market prices	€/inhab	2005	33 227	24 294	29 964	22 984
	Index	2005	144.6	105.7	130.4	100
Gross value added at basic prices	Mio €	2005	94 666	4 200 194	136 381	9 383 477
	% of National	2005	69.4	-	100	-
	% of EU coast	2005	2.3	100	-	-
	% of EU-22	2005	1.0	44.8	1.5	100
Gross value added in agriculture sector	Mio €	2005	1 927	103 792	3 978	200 011
	% of total GVA	2005	2.0	2.5	2.9	2.1
	% of National	2005	48.4	-	100	-
	% of EU coast	2005	1.9	100	-	-
	% of EU-22	2005	1.0	51.9	2.0	100

	Unit	Year	Coastal regions		All regions	
			Finland	EU	Finland	EU having sea coasts
Gross value added in industry sector	Mio €	2005	28 910	1 042 638	42 786	2 492 759
	% of total GVA	2005	30.5	24.8	31.4	26.6
	% of National	2005	67.6	-	100	-
	% of EU coast	2005	2.8	100	-	-
	% of EU-22	2005	1.2	41.8	1.7	100
Gross value added in service sector	Mio €	2005	63 829	3 053 764	89 617	6 690 707
	% of total GVA	2005	67.4	72.7	65.7	71.3
	% of National	2005	71.2	-	100	-
	% of EU coast	2005	2.1	100	-	-
	% of EU-22	2005	1.0	45.6	1.3	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			Finland	EU	Finland	EU having sea coasts
Employment	1000 persons	2004	1 456	67 012	2 365	188 779
	% of National	2004	61.5	-	100	-
	% of EU coast	2004	2.2	100	-	-
	% of EU-22	2004	0.8	35.5	1.3	100
Unemployment - Men between 15 and 24 years	1000 persons	2006	13	571	31	2 355
	% of National	2006	41.2	-	100	-
	% of EU coast	2006	2.3	100	-	-
	% of EU-22	2006	0.5	24.2	1.3	100
Unemployment - Men aged 25 years and over	1000 persons	2006	39	1 736	70	6 858
	% of National	2006	56.5	-	100	-
	% of EU coast	2006	2.3	100	-	-
	% of EU-22	2006	0.6	25.3	1.0	100
Unemployment - Women between 15 and 24 years	1000 persons	2006	15	525	30	2 043
	% of National	2006	49.7	-	100	-
	% of EU coast	2006	2.9	100	-	-
	% of EU-22	2006	0.7	25.7	1.5	100
Unemployment - Women aged 25 years and over	1000 persons	2006	37	1 822	73	6 765
	% of National	2006	51.0	-	100	-
	% of EU coast	2006	2.1	100	-	-
	% of EU-22	2006	0.6	26.9	1.1	100

Source: Eurostat (Regio)

### • Education

	Unit	Year	Coastal regions		All regions	
			Finland	EU	Finland	EU having sea coasts
Population having university level education	%	2001	35.4	20.8	33.7	20.1
	Index	2001	175.7	103.5	167.3	100

Source: Eurostat (Census)

### • Agriculture

	Unit	Year	Coastal regions		All regions	
			Finland	EU	Finland	EU having sea coasts
Agricultural area	1000 ha	2005	637	42 976	1 074	138 246
	% of National	2005	59.3	-	100	-
	% of EU coast	2005	1.5	100	-	-
	% of EU-22	2005	0.5	31.1	0.8	100
Proportion of arable land	%	2005	98.4	51.5	98.7	60.2
Livestock density per holding	Livestock Unit	2005	51	30	47	17
Standard gross margin	Per holding	2005	27	15	25	11
Standard gross margin	Per Annual Working Unit	2005	23	17	21	12

Source: Eurostat (Regio)

### • Tourism

	Unit	Year	Coastal regions		All regions	
			Finland	EU	Finland	EU having sea coasts
Number of hotels	Unit	2006	539	95 928	923	179 346
	% of National	2006	58.4	-	100	-
	% of EU coast	2006	0.6	100	-	-
	% of EU-22	2006	0.3	53.5	0.5	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • Enterprise statistics

	NACE	Unit	Year	National level	EU having sea coasts
Labour cost per employee FTE	Building and repairing of ships	1000 €	2005	37.5	42.7
	Building and repairing of pleasure and sporting boats	1000 €	2005	34.4	32.4

Source: Eurostat (Structural business statistics)

### • External trade by sea

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	44 225	1 398 482	
		% of EU-22	2005	3.2	100	
	Extra Eu25	1000 tonnes	2005	21 029	1 177 573	
		% of EU-22	2005	1.8	100	
	North American Countries	1000 tonnes	2005	1 650	77 094	
		% of EU-22	2005	2.1	100	
	Asia	1000 tonnes	2005	733	248 886	
		% of EU-22	2005	0.3	100	
	Africa	1000 tonnes	2005	329	247 201	
		% of EU-22	2005	0.1	100	
	South American Countries	1000 tonnes	2005	850	168 673	
		% of EU-22	2005	0.5	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	33 829	567 528
			% of EU-22	2005	6.0	100
Extra Eu25		1000 tonnes	2005	9 264	334 751	
		% of EU-22	2005	2.8	100	
North American Countries		1000 tonnes	2005	2 889	94 400	
		% of EU-22	2005	3.1	100	
Asia		1000 tonnes	2005	3 246	88 604	
		% of EU-22	2005	3.7	100	
Africa		1000 tonnes	2005	1 156	57 663	
		% of EU-22	2005	2.0	100	
South American Countries		1000 tonnes	2005	370	12 324	
		% of EU-22	2005	3.0	100	
Imports in Mio €		World	Mio €	2005	35 853	736 181
			% of EU-22	2005	4.9	100
	Extra Eu25	Mio €	2005	8 562	549 798	
		% of EU-22	2005	1.6	100	
	North American Countries	Mio €	2005	778	52 363	
		% of EU-22	2005	1.5	100	
	Asia	Mio €	2005	1 941	242 659	
		% of EU-22	2005	0.8	100	
	Africa	Mio €	2005	188	72 241	
		% of EU-22	2005	0.3	100	
	South American Countries	Mio €	2005	520	38 969	
		% of EU-22	2005	1.3	100	

## Chapter 2 - Coastal and sea area profiles - Finland

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Exports in Mio €	World	Mio €	2005	35 673	660 870	
		% of EU-22	2005	5.4	100	
	Extra Eu25	Mio €	2005	9 004	450 086	
		% of EU-22	2005	2.0	100	
	North American Countries	Mio €	2005	2 627	138 560	
		% of EU-22	2005	1.9	100	
	Asia	Mio €	2005	3 581	147 497	
		% of EU-22	2005	2.4	100	
	Africa	Mio €	2005	580	54 327	
		% of EU-22	2005	1.1	100	
	South American Countries	Mio €	2005	615	20 219	
		% of EU-22	2005	3.0	100	
	Share of Imports (1000 tonnes)	World	%	2005	56.7	71.1
		Extra Eu25	%	2005	69.4	77.9
North American Countries		%	2005	36.3	45.0	
Asia		%	2005	18.4	73.7	
Africa		%	2005	22.2	81.1	
South American Countries		%	2005	69.7	93.2	
Share of Exports (1000 tonnes)	World	%	2005	43.3	28.9	
	Extra Eu25	%	2005	30.6	22.1	
	North American Countries	%	2005	63.7	55.0	
	Asia	%	2005	81.6	26.3	
	Africa	%	2005	77.8	18.9	
	South American Countries	%	2005	30.3	6.8	
Share of Imports (Mio €)	World	%	2005	50.1	52.7	
	Extra Eu25	%	2005	48.7	55.0	
	North American Countries	%	2005	22.8	27.4	
	Asia	%	2005	35.2	62.2	
	Africa	%	2005	24.5	57.1	
	South American Countries	%	2005	45.8	65.8	
Share of Exports (Mio €)	World	%	2005	49.9	47.3	
	Extra Eu25	%	2005	51.3	45.0	
	North American Countries	%	2005	77.2	72.6	
	Asia	%	2005	64.8	37.8	
	Africa	%	2005	75.5	42.9	
	South American Countries	%	2005	54.2	34.2	

Source: Eurostat (Comext)

## • Fisheries

		Unit	Year	National level	EU having sea coasts
Catches by fishing area	Marine animals (tonnes) for All fishing areas	Tonnes	2008	100 090	4 824 389
		% of EU-22	2008	2.0	100
	Of which: North-east Atlantic	Tonnes	2008	99 758	3 894 110
		% of EU-22	2008	2.7	100
Employment in the fishery sector	Fishing (Total)	Persons	2005	3 270	234 551
		% of EU-22	2005	1.2	100

Source: Eurostat (Agriculture and fisheries)

## • Research Development

		Unit	Year	National level	EU having sea coasts
Patent application to the EPO	Ships or other waterborne vessels; related equipment	Per kilo of inhab.	2005	0.382	0.122

Source: Eurostat (Science and Technology (Patent))

## • Environment

		Unit	Year	National level	EU having sea coasts
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	99	14 346
	Areas complying with guide values	Value	2006	63	12 680
	Areas complying with mandatory values	Value	2006	35	1 112
	Areas not complying with mandatory values	Value	2006	1	217
	Areas not sufficiently sampled or data not available	Value	2006	0	57
	Areas where bathing was prohibited	Value	2006	0	279
	Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0
Areas complying with guide values		%	2006	63.6	77.5
Areas complying with mandatory values		%	2006	35.4	19.1
Areas not complying with mandatory values		%	2006	1.0	2.8
Areas not sufficiently sampled or data not available		%	2006	0.0	0.1
Areas where bathing was prohibited		%	2006	0.0	0.5
Protected marine area <sup>(2)</sup>			km <sup>2</sup>	2007	5 460
		% of EU-22	2007	7.0	100

(1) Source: Eurostat (Environment)

(2) Source: DG ENV

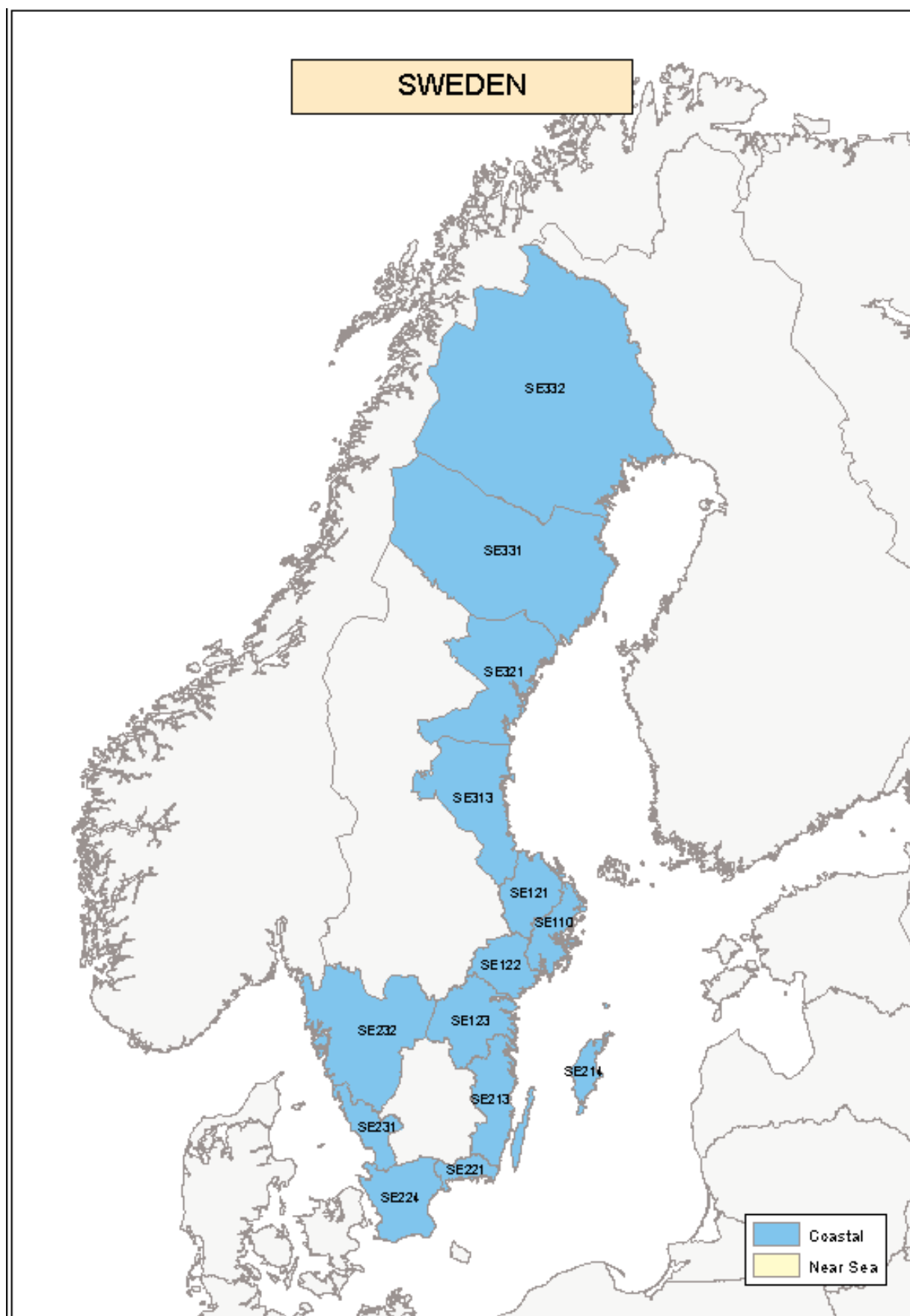
### • Ports activity

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Maritime transport - Number of passengers	Total	1000 passengers	2006	16 739	397 550
		% of EU-22	2006	4.2	100
	Inwards	1000 passengers	2006	8 391	199 384
		% of EU-22	2006	4.2	100
	Outwards	1000 passengers	2006	8 348	198 164
		% of EU-22	2006	4.2	100
Maritime goods transports in weight between Maritime Coastal Area	Total	1000 tonnes	2006	97 929	3 512 401
		% of EU-22	2006	2.8	100
	Inwards	1000 tonnes	2006	56 009	2 350 247
		% of EU-22	2006	2.4	100
	Outwards	1000 tonnes	2006	46 950	1 350 770
		% of EU-22	2006	3.5	100

Source: Eurostat (Transport)



### 3.21 Sweden



### General figures

- Sweden has the largest coastline of all the EU-22 coastal Member States, having a total length of 21 591 km. With its archipelago containing tens of thousands of islands<sup>(1)</sup> the country's coastal zone (within a range of 10 km from the coast) covers 302 047 km<sup>2</sup>. This corresponds to 17% of the total EU-22 coastal area.
- The country's coastal zone (within a range of 10 km from the coast) covers 302 047 km<sup>2</sup>. This corresponds to 17% of the total EU-22 coastal area, and is the largest one observed in the EU-22 coastal Member States.
- 81.1% of the total population of the country lives in the coastal regions. The population density however is low and stands at 25 inhabitants per km<sup>2</sup>. As a result Sweden stands as the coastal population density is the 21st between the EU-22 coastal Member States. The relation of the surface and the demographics observed in the coastal areas reflects Sweden's position in the EU: This is a big, in terms of size, Member State, as it possesses 10.8% of the total EU-22 surface, with a small population of only 2% of the total EU-22 population.
- Sweden has two distinctive coastal areas. These are the North Sea and the Baltic Sea coastal regions respectively despite the fact that in some classifications the North Sea side of Sweden is still considered part of the Baltic Sea (see for example the International Council for the Exploration of the Sea)<sup>(2)</sup>. A significant imbalance is observed between these two areas, as regards the population density. In the North Sea areas live 62 inhabitants/km<sup>2</sup>, which is almost three times the national average population density of 22 inhabitants/km<sup>2</sup>. The density in the Baltic Sea area is only 21 inhabitants/km<sup>2</sup>, even though Stockholm, the country's capital, is located within this area.
- The coastal regions are responsible for EUR 257.3 billion, or 83.5% of the gross value added produced in Sweden (2005 data), acting as the locomotives for the Member State's economy.
- 78.4% of the country's total employed labour force (2004 data), are inhabitants of the coastal areas. The 3 381 million employed people equal to 5% of the employed labour force in all the EU-22 coastal regions. This is not least because the major cities of the country are located in the coastal regions around the Baltic and North Sea and the Gulf of Bothnia.
- Sweden protects 5 849 km<sup>2</sup> of sea.

### Significant Economic Activities

- The GDP of the of Sweden's coastal regions stands at EUR 33 818 per inhabitant (2005 prices). This is the highest GDP per inhabitant among all the EU-22 coastal areas and 39.2% higher than the corresponding average of the EU-22 coastal areas.
- The service sector stands as the economic generator of Sweden's coastal regions. In 2005 it resulted in EUR 155 791 billion gross added value, the equivalent of 72.5% of Sweden's total.

<sup>(1)</sup> European Commission. "EU Maritime Policy: Facts and Figures-Sweden", DG Fisheries and Maritime Affairs. Available online at: [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html)

<sup>(2)</sup> Source: [www.ices.dk](http://www.ices.dk)

- Tourism, a part of the service sector, constitutes the major economic activity in some coastal areas. This is even though it is of minor overall importance for the nation's economy. In 2006 there were 1 374 hotel units in the coastal areas (or 72.8% of Sweden's total), with the majority of them (67.4%) located in the Baltic Sea region. The employment in coastal tourism is estimated to be 71 000 jobs<sup>(3)</sup>.
- The agricultural sector in the Sweden's coastal regions accounts for only 1.1% (2005 data) in the coastal regions gross value added. The coastal regions are responsible for 82.1% of the nation's value added produced by agriculture activities. The arable land occupies 84.2% of the coastal areas while the livestock density per holding is 57 units (2005 data). While this is three times more than the average value for the EU coastal Member States, the size of the sector is comparatively too small.
- Only 1 913 people are working in the fishing sector. Despite this small number of employees, in 2006 the sector was responsible for 265 172 tonnes or 5.4% of the total marine animals' production in the EU-22 Member States.
- Ports are of vital importance for the Swedish economy. In 2006 more than 32.3 million passengers and 160.7 million tonnes passed through the country's ports (with an inwards/outwards ratio close to 1:1). The most important ports of Sweden are Goteborg, Helsingborg, and Malmo, Trelleborg, and Stockholm (cargo and passenger traffic).
- More than 80% of Sweden's external trade is transported via Sweden's ports. In 2005, the value of the maritime transported imports was estimated at EUR 74 735 billions while the maritime transported exports were valued at EUR 78 077 billions.

<sup>(3)</sup> Employment data sources: European Commission, DG Fisheries and Maritime Affairs studies: "Employment trends in all sectors related to the sea or using sea resources" and "Employment in the fisheries sector" as reported in: [http://ec.europa.eu/maritimeaffairs/facts\\_figures\\_en.html](http://ec.europa.eu/maritimeaffairs/facts_figures_en.html)

## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			Sweden	EU	Sweden	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2006	302 047	1 772 768	441 370	4 095 998
	% of National	2006	68.4	-	100	-
	% of EU coast	2006	17.0	100	-	-
	% of EU-22	2006	7.4	43.3	10.8	100
Length of coasts <sup>(2)</sup>	km		-	-	21 591	136 106
	% of EU-22		-	-	15.9	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	38256	416446
	% of EU-22		-	-	9.2	100
Population <sup>(1)</sup>	1000 Inhab.	2006	7 365	199 353	9 081	458 036
	% of National	2006	81.1	-	100	-
	% of EU coast	2006	3.7	100	-	-
	% of EU-22	2006	1.6	43.5	2.0	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			Sweden	EU	Sweden	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km <sup>2</sup>	2005	25	100	22	108
Crude Birth rate <sup>(3)</sup>	1000 Inhab.	2006	12.0	10.3	11.7	10.1
Crude Death rate <sup>(3)</sup>	1000 Inhab.	2006	9.7	9.4	10.0	10.0
Old age Dependency ratio <sup>(4)</sup>	Per 100 adults	2001	26	25	27	24

(3) Source: Eurostat (Regio)

(4) Source: Eurostat (Census)

### • Economics

	Unit	Year	Coastal regions		All regions	
			Sweden	EU	Sweden	EU having sea coasts
GDP at current market prices	€/inhab	2005	33 818	24 294	32 633	22 984
	Index	2005	147.1	105.7	142.0	100
Gross value added at basic prices	Mio €	2005	214 754	4 200 194	257 284	9 383 477
	% of National	2005	83.5	-	100	-
	% of EU coast	2005	5.1	100	-	-
	% of EU-22	2005	2.3	44.8	2.7	100
Gross value added in agriculture sector	Mio €	2005	2 318	103 792	2 823	200 011
	% of total GVA	2005	1.1	2.5	1.1	2.1
	% of National	2005	82.1	-	100	-
	% of EU coast	2005	2.2	100	-	-
	% of EU-22	2005	1.2	51.9	1.4	100

	Unit	Year	Coastal regions		All regions	
			Sweden	EU	Sweden	EU having sea coasts
Gross value added in industry sector	Mio €	2005	56 645	1 042 638	71 193	2 492 759
	% of total GVA	2005	26.4	24.8	27.7	26.6
	% of National	2005	79.6	-	100	-
	% of EU coast	2005	5.4	100	-	-
	% of EU-22	2005	2.3	41.8	2.9	100
Gross value added in service sector	Mio €	2005	155 791	3 053 764	183 268	6 690 707
	% of total GVA	2005	72.5	72.7	71.2	71.3
	% of National	2005	85.0	-	100	-
	% of EU coast	2005	5.1	100	-	-
	% of EU-22	2005	2.3	45.6	2.7	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			Sweden	EU	Sweden	EU having sea coasts
Employment	1000 persons	2004	3 381	67 012	4 311	188 779
	% of National	2004	78.4	-	100	-
	% of EU coast	2004	5.0	100	-	-
	% of EU-22	2004	1.8	35.5	2.3	100
Unemployment - Men between 15 and 24 years	1000 persons	2006	44	571	62	2 355
	% of National	2006	71.7	-	100	-
	% of EU coast	2006	7.8	100	-	-
	% of EU-22	2006	1.9	24.2	2.6	100
Unemployment - Men aged 25 years and over	1000 persons	2006	92	1 736	111	6 858
	% of National	2006	83.0	-	100	-
	% of EU coast	2006	5.3	100	-	-
	% of EU-22	2006	1.3	25.3	1.6	100
Unemployment - Women between 15 and 24 years	1000 persons	2006	44	525	64	2 043
	% of National	2006	69.4	-	100	-
	% of EU coast	2006	8.4	100	-	-
	% of EU-22	2006	2.2	25.7	3.1	100
Unemployment - Women aged 25 years and over	1000 persons	2006	84	1 822	100	6 765
	% of National	2006	83.7	-	100	-
	% of EU coast	2006	4.6	100	-	-
	% of EU-22	2006	1.2	26.9	1.5	100

Source: Eurostat (Regio)

### • Agriculture

	Unit	Year	Coastal regions		All regions	
			Sweden	EU	Sweden	EU having sea coasts
Agricultural area	1000 ha	2005	2 071	42 976	2 834	138 246
	% of National	2005	73.1	-	100	-
	% of EU coast	2005	4.8	100	-	-
	% of EU-22	2005	1.5	31.1	2.1	100
Proportion of arable land	%	2005	84.2	51.5	84.0	60.2
Livestock density per holding	Livestock Unit	2005	57	30	52	17
Standard gross margin	Per holding	2005	24	15	22	11
Standard gross margin	Per Annual Working Unit	2005	25	17	23	12

Source: Eurostat (Regio)

### • Tourism

	Unit	Year	Coastal regions		All regions	
			Sweden	EU	Sweden	EU having sea coasts
Number of hotels	Unit	2006	1 374	95 928	1 888	179 346
	% of National	2006	72.8	-	100	-
	% of EU coast	2006	1.4	100	-	-
	% of EU-22	2006	0.8	53.5	1.1	100

Source: Eurostat (Tourism)

## Coastal areas description

### • Demography

	Unit	Year	Swedish coastal regions		
			Baltic Sea	North Sea	Total
Population density <sup>(1)</sup>	Inhab/km <sup>2</sup>	2005	21	62	25
Crude Birth rate <sup>(1)</sup>	1000 Inhab.	2006	12.1	11.7	12.0
Crude Death rate <sup>(1)</sup>	1000 Inhab.	2006	9.7	9.9	9.7
Old age Dependency ratio <sup>(2)</sup>	Per 100 adults	2001	25.9	26.9	26.2

(1) Source: Eurostat (Regio)

(2) Source: Eurostat (Census)

## • Economics

	Unit	Year	Swedish coastal regions		
			Baltic Sea	North Sea	Total
GDP at current market prices	€/inhab	2005	34 696	31 297	33 818
	Index	2005	102.6	92.5	100
Gross value added at basic prices	%	2005	7 7.0	2 3.0	100
Gross value added in agriculture sector	%	2005	8 2.1	1 7.9	100
Gross value added in industry sector	%	2005	7 3.7	2 6.3	100
Gross value added in service sector	%	2005	7 8.1	2 1.9	100

Source: Eurostat (Regio)

## • Labour market

	Unit	Year	Swedish coastal regions		
			Baltic Sea	North Sea	Total
Employment	%	2004	74.3	25.7	100
Unemployment - Men between 15 and 24 years	%	2006	7 6.6	2 3.4	100
Unemployment - Men aged 25 years and over	%	2006	7 8.8	2 1.2	100
Unemployment - Women between 15 and 24 years	%	2006	6 7.9	3 2.1	100
Unemployment - Women aged 25 years and over	%	2006	7 6.4	2 3.6	100

Source: Eurostat (Regio)

## • Agriculture

	Unit	Year	Swedish coastal regions		
			Baltic Sea	North Sea	Total
Agricultural area	%	2005	6 7.4	3 2.6	100
Proportion of arable land	%	2005	82.9	87.4	84.2
Livestock density per holding	Livestock Unit	2005	59	53	57
Standard gross margin	Per holding	2005	27	19	24
Standard gross margin	Per Annual Working Unit	2005	26	23	25

Source: Eurostat (Regio)

## • Tourism

	Unit	Year	Swedish coastal regions		
			Baltic Sea	North Sea	Total
Number of hotels	%	2006	79.6	20.4	100

Source: Eurostat (Tourism)

### Relevant maritime activities

#### • Enterprise statistics

	<i>NACE</i>	<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Labour cost per employee FTE	Building and repairing of ships	1000 €	2005	47.9	42.7
	Building and repairing of pleasure and sporting boats	1000 €	2005	38.8	32.4

Source: Eurostat (Structural business statistics)

#### • External trade by sea

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	71 842	1 398 482	
		% of EU-22	2005	5.1	100	
	Extra Eu25	1000 tonnes	2005	27 390	1 177 573	
		% of EU-22	2005	2.3	100	
	North American Countries	1000 tonnes	2005	1 188	77 094	
		% of EU-22	2005	1.5	100	
	Asia	1000 tonnes	2005	2 497	248 886	
		% of EU-22	2005	1.0	100	
	Africa	1000 tonnes	2005	485	247 201	
		% of EU-22	2005	0.2	100	
	South American Countries	1000 tonnes	2005	2 093	168 673	
		% of EU-22	2005	1.2	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	77 164	567 528
			% of EU-22	2005	13.6	100
Extra Eu25		1000 tonnes	2005	20 622	334 751	
		% of EU-22	2005	6.2	100	
North American Countries		1000 tonnes	2005	4 852	94 400	
		% of EU-22	2005	5.1	100	
Asia		1000 tonnes	2005	5 924	88 604	
		% of EU-22	2005	6.7	100	
Africa		1000 tonnes	2005	3 042	57 663	
		% of EU-22	2005	5.3	100	
South American Countries		1000 tonnes	2005	434	12 324	
		% of EU-22	2005	3.5	100	



## Chapter 2 - Coastal and sea area profiles - Sweden

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in Mio €	World	Mio €	2005	74 735	736 181	
		% of EU-22	2005	10.2	100	
	Extra Eu25	Mio €	2005	14 359	549 798	
		% of EU-22	2005	2.6	100	
	North American Countries	Mio €	2005	1 236	52 363	
		% of EU-22	2005	2.4	100	
	Asia	Mio €	2005	5 353	242 659	
		% of EU-22	2005	2.2	100	
	Africa	Mio €	2005	346	72 241	
		% of EU-22	2005	0.5	100	
	South American Countries	Mio €	2005	904	38 969	
		% of EU-22	2005	2.3	100	
	Exports in Mio €	World	Mio €	2005	78 077	660 870
			% of EU-22	2005	11.8	100
Extra Eu25		Mio €	2005	19 532	450 086	
		% of EU-22	2005	4.3	100	
North American Countries		Mio €	2005	6 903	138 560	
		% of EU-22	2005	5.0	100	
Asia		Mio €	2005	6 185	147 497	
		% of EU-22	2005	4.2	100	
Africa		Mio €	2005	1 176	54 327	
		% of EU-22	2005	2.2	100	
South American Countries		Mio €	2005	794	20 219	
		% of EU-22	2005	3.9	100	
Share of Imports (1000 tonnes)		World	%	2005	48.2	71.1
		Extra Eu25	%	2005	57.0	77.9
	North American Countries	%	2005	19.7	45.0	
	Asia	%	2005	29.7	73.7	
	Africa	%	2005	13.8	81.1	
	South American Countries	%	2005	82.8	93.2	
Share of Exports (1000 tonnes)	World	%	2005	51.8	28.9	
	Extra Eu25	%	2005	43.0	22.1	
	North American Countries	%	2005	80.3	55.0	
	Asia	%	2005	70.3	26.3	
	Africa	%	2005	86.2	18.9	
	South American Countries	%	2005	17.2	6.8	

## Chapter 2 - Coastal and sea area profiles - Sweden

		Unit	Year	National level	EU having sea coasts
Share of Imports (Mio €)	World	%	2005	48.9	52.7
	Extra Eu25	%	2005	42.4	55.0
	North American Countries	%	2005	15.2	27.4
	Asia	%	2005	46.4	62.2
	Africa	%	2005	22.7	57.1
	South American Countries	%	2005	53.3	65.8
Share of Exports (Mio €)	World	%	2005	51.1	47.3
	Extra Eu25	%	2005	57.6	45.0
	North American Countries	%	2005	84.8	72.6
	Asia	%	2005	53.6	37.8
	Africa	%	2005	77.3	42.9
	South American Countries	%	2005	46.7	34.2

Source: Eurostat (Comext)

### • Fisheries

		Unit	Year	National level	EU having sea coasts
Catches by fishing area	Mainline animals (tonnes) for All fishing areas	Tonnes	2008	235 172	4 824 389
		% of EU-22	2008	5.4	100
	Of which: North-east Atlantic	Tonnes	2008	235 048	3 894 110
		% of EU-22	2008	7.2	100
Employment in the fishery sector	Fishing (Total)	Persons	2005	1 913	234 551
		% of EU-22	2005	0.7	100

Source: Eurostat (Agriculture and fisheries)

### • Research Development

		Unit	Year	National level	EU having sea coasts
Patent application to the EPO	Ships or other waterborne vessels; related equipment	Per 100 of Inhab	2005	0.111	0.122

Source: Eurostat (Science and Technology (Patent))

## • Environment

		Unit	Year	National level	EU having sea coasts
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	408	14 346
	Areas complying with guide values	Value	2006	332	12 680
	Areas complying with mandatory values	Value	2006	63	1 112
	Areas not complying with mandatory values	Value	2006	11	217
	Areas not sufficiently sampled or data not available	Value	2006	2	57
	Areas where bathing was prohibited	Value	2006	0	270
Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0	100.0
	Areas complying with guide values	%	2006	81.4	77.5
	Areas complying with mandatory values	%	2006	15.4	19.1
	Areas not complying with mandatory values	%	2006	2.7	2.8
	Areas not sufficiently sampled or data not available	%	2006	0.5	0.1
	Areas where bathing was prohibited	%	2006	0.0	0.5
Protected marine area <sup>(2)</sup>		km <sup>2</sup>	2007	5 840	78 282
		% of EU-22	2007	7.5	100

(1) Source: Eurostat (Environment)

(2) Source: DG ENV

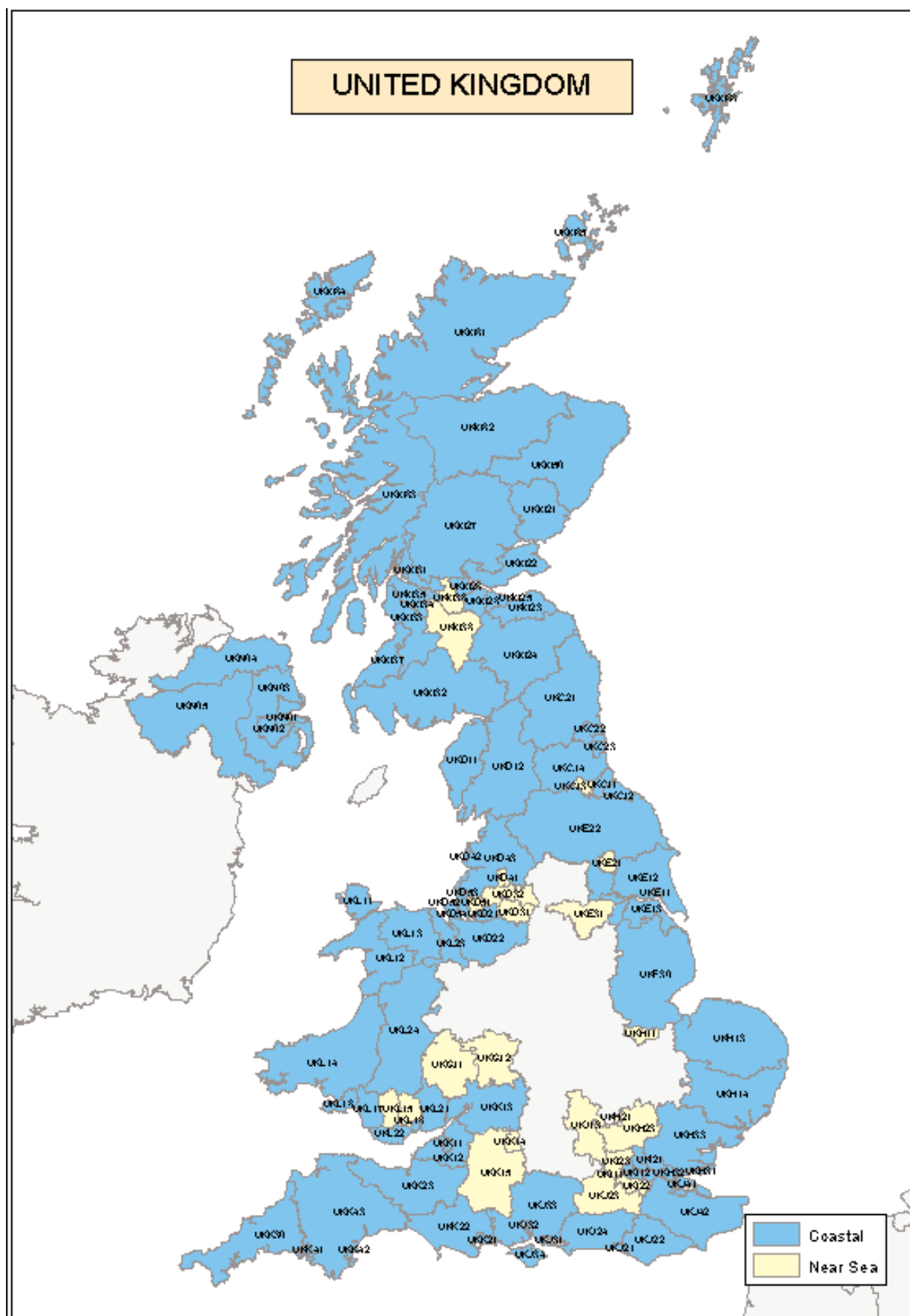
## • Ports activity

		Unit	Year	National level	EU having sea coasts
Mainline transport- Number of passengers	Total	1000 passengers	2006	32 334	397 550
		% of EU-22	2006	8.1	100
	Inwards	1000 passengers	2007	16 582	32 389
		% of EU-22	2007	51.2	100
	Outwards	1000 passengers	2007	16 080	32 014
		% of EU-22	2007	50.2	100
Mainline goods transport in weight between Mainline Coastal Area	Total	1000 tonnes	2006	180 747	619 380
		% of EU-22	2006	4.6	100
	Inwards	1000 tonnes	2007	85 932	341 759
		% of EU-22	2007	25.1	100
	Outwards	1000 tonnes	2007	80 335	292 610
		% of EU-22	2007	27.4	100

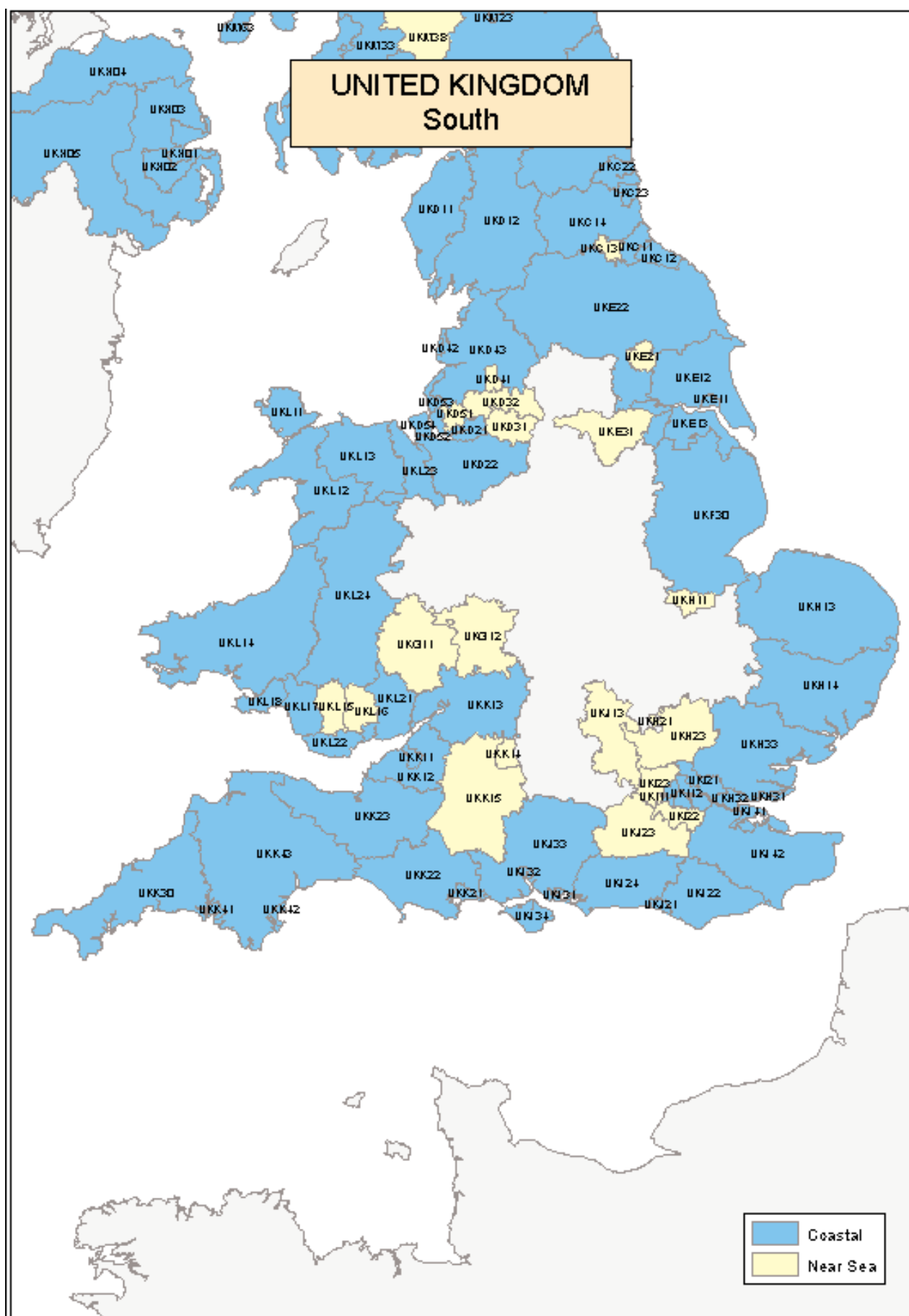
Source: Eurostat (Transport)



### 3.22 United Kingdom







### General figures

- The UK has the second largest coastline length in the EU-22 coastal Member States, amounting to of 21 058 km.
- UK's coastal zone (within a range of 10 km from the coast) covers 75 024 km<sup>2</sup> (18% of the corresponding EU's coastal area). In the coastal regions of the UK lives 77.5% of the total population with an average density of 326 inhabitants per square km. This coastal areas population is the largest among the corresponding population of the other coastal regions of the EU Member States, and is almost three times the EU-22 coastal regions average population density.
- The coastal regions are key regions for the economic development of the UK. According to 2005 data they contribute 74.5% of the country's gross value added (1 605 billion €). This represents almost a third (28.5%) of the total gross value generated by all EU coastal areas and equals 12.7% of the gross value added of the EU 22 coastal Member States.
- The coastal regions are responsible for 76.3% of the country's total labour force (2001 data). This can be attributed to the inherent characteristics of the UK's insularity and to the consequent concentration of the production activities in these areas. In absolute terms, 22.75 millions persons constitute 34.7% of the labour force employed in the total of the EU-22 coastal regions.
- As regards the environmental dimension, the UK protects 9 131 km<sup>2</sup> of sea area. While in absolute numbers this is the second biggest national protected marine area in the EU-22 coastal Member States, as a percentage it stands at 11.7% of the total marine protected areas of the EU-22.

### Significant Economic Activities

- The GDP per inhabitant generated by economic activities undertaken at the British coastal zones (30 015 per inhabitant, at 2005 prices) stands in 30.6% higher than the average GDP per inhabitant in the EU-22.
- The country has two coastal areas, the North Sea and the Atlantic Ocean. A significant imbalance is observed between these two areas, as regards the population density. In the North Sea area live 401 inhabitants/m<sup>2</sup> comparing to 281 401 inhabitants/m<sup>2</sup> in the Atlantic Ocean area. At the same time the unemployment rate in the former area is higher
- Tourism is a key economic activity of the UK coastal regions. In total 33 600 hotel units offered services in these regions in 2006, representing the majority (85.9%) of the hotel units in the UK. The number of hotels in the particular area stands at 18.7% of the total number of hotels units in the EU-22 coastal areas.
- Agriculture is another core economic activity taking place in the coastal areas of the country. The proportion of the arable land stands at 35.3% of the total coastal region, and represents 30% of the EU-22 coastal area that is used for agriculture. This economic activity is characterised by a remarkable livestock density, 95 livestock units per holding, which is more than six times more of what is observed in the rest of the EU.



- 4.9% of the total labour force employed in the fishing sector in the EU-22 Member States are inhabitants of the UK's coastal regions. As a result of this income generating activities, fish catches represent some 12.5% of the total of marine animals caught in all EU-22 fishing areas.
- Port related economic activities with references to either passengers or cargos represent a big economic cluster of the British coastal areas. In 2006, 521 millions tonnes of maritime goods were transported between the maritime coastal regions with the inwards/outwards ratio being 3:2.
- Around 95% of international trade to and from the UK passes through ports. With the value of the UK exports standing at a value of over 70.63 billion € in 2005 and imports of the same year standing at 96.26 billion €, the estimated annual turnover of the British ports is approximately 2.5 billion €. The leading ports are Grimsby & Immingham, Tees & Hartlepool (cargo traffic), London, Southampton, and Milford Haven (cargo and passenger traffic).

## Relative importance of the coastal areas

### • Coastal pressure

	Unit	Year	Coastal regions		All regions	
			United Kingdom	EU	United Kingdom	EU having sea coasts
Total area <sup>(1)</sup>	km <sup>2</sup>	2004	213 802	1 772 639	243 069	4 094 194
	% of National	2004	88.0	-	100	-
	% of EU coast	2004	12.1	100	-	-
	% of EU-22	2004	5.2	43.3	5.9	100
Length of coasts <sup>(2)</sup>	km		-	-	21 058	136 106
	% of EU-22		-	-	15.5	100
Area of 10 km coastal zone <sup>(2)</sup>	km <sup>2</sup>		-	-	75024	416446
	% of EU-22		-	-	18.0	100
Population <sup>(1)</sup>	1000 Inhab.	2005	46 657	199 015	60 228	457 589
	% of National	2005	77.5	-	100	-
	% of EU coast	2005	23.4	100	-	-
	% of EU-22	2005	10.2	43.5	13.2	100

(1) Source: Eurostat (Regio)

(2) Source: Corine Land Cover database

### • Demography

	Unit	Year	Coastal regions		All regions	
			United Kingdom	EU	United Kingdom	EU having sea coasts
Population density <sup>(3)</sup>	Inhab/km2	2004	326	117	247	117
Crude Birth rate <sup>(3)</sup>	1000 Inhab.	2003	11.6	11.0	11.7	10.4
Crude Death rate <sup>(3)</sup>	1000 Inhab.	2003	10.4	9.8	10.3	10.0
Old age Dependency ratio <sup>(4)</sup>	Per 100 adults	2001	25	25	24	24

(3) Source: Eurostat (Regio)

(4) Source: Eurostat (Census)

### • Economics

	Unit	Year	Coastal regions		All regions	
			United Kingdom	EU	United Kingdom	EU having sea coasts
GDP at current market prices	€/inhab	2005	30 015	24 294	29 968	22 984
	Index	2005	130.6	105.7	130.4	100
Gross value added at basic prices	Mio €	2005	1 195 588	4 200 194	1 605 072	9 383 477
	% of National	2005	74.5	-	100	-
	% of EU coast	2005	28.5	100	-	-
	% of EU-22	2005	12.7	44.8	17.1	100

Source: Eurostat (Regio)

### • Labour market

	Unit	Year	Coastal regions		All regions	
			United Kingdom	EU	United Kingdom	EU having sea coasts
Employment	1000 persons	2001	22 747	65 504	29 816	188 039
	% of National	2001	76.3	-	100	-
	% of EU coast	2001	34.7	100	-	-
	% of EU-22	2001	12.1	34.8	15.9	100
Unemployment - Men between 15 and 24 years	1000 persons	2006	102	571	377	2 355
	% of National	2006	27.0	-	100	-
	% of EU coast	2006	17.9	100	-	-
	% of EU-22	2006	4.3	24.2	16.0	100
Unemployment - Men aged 25 years and over	1000 persons	2006	260	1 736	538	6 858
	% of National	2006	48.3	-	100	-
	% of EU coast	2006	15.0	100	-	-
	% of EU-22	2006	3.8	25.3	7.8	100
Unemployment - Women between 15 and 24 years	1000 persons	2006	50	525	263	2 043
	% of National	2006	18.8	-	100	-
	% of EU coast	2006	9.4	100	-	-
	% of EU-22	2006	2.4	25.7	12.9	100
Unemployment - Women aged 25 years and over	1000 persons	2006	187	1 822	418	6 765
	% of National	2006	44.8	-	100	-
	% of EU coast	2006	10.3	100	-	-
	% of EU-22	2006	2.8	26.9	6.2	100

Source: Eurostat (Regio)

### • Education

	Unit	Year	Coastal regions		All regions	
			United Kingdom	EU	United Kingdom	EU having sea coasts
Population having university level education	%	2001	25.6	20.8	25.0	20.1
	Index	2001	127.4	103.5	124.0	100

Source: Eurostat (Census)

### • Agriculture

	Unit	Year	Coastal regions		All regions	
			United Kingdom	EU	United Kingdom	EU having sea coasts
Agricultural area	1000 ha	2005	13 014	42 976	15 957	138 246
	% of National	2005	81.6	-	100	-
	% of EU coast	2005	30.3	100	-	-
	% of EU-22	2005	9.4	31.1	11.5	100
Proportion of arable land	%	2005	35.3	51.5	38.3	60.2
Livestock density per holding	Livestock Unit	2005	95	30	57	17
Standard gross margin	Per holding	2005	36	15	37	11
Standard gross margin	Per Annual Working Unit	2003	31	15	31	12

Source: Eurostat (Regio)

### • Tourism

	Unit	Year	Coastal regions		All regions	
			United Kingdom	EU	United Kingdom	EU having sea coasts
Number of hotels	Unit	2006	33 600	95 928	39 107	179 346
	% of National	2006	85.9	-	100	-
	% of EU coast	2006	35.0	100	-	-
	% of EU-22	2006	18.7	53.5	21.8	100

Source: Eurostat (Tourism)

## Coastal areas description

### • Demography

	Unit	Year	British coastal regions		
			North Sea	Atlantic Ocean	Total
Population density	Inhab./km <sup>2</sup>	2004	401	281	326
Crude Birth rate	1000 Inhab.	2003	12.4	11.0	11.6
Crude Death rate	1000 Inhab.	2003	9.7	11.0	10.4
Old age Dependency ratio	Per 100 adults	2001	22.8	26.3	24.7

(1) Source: Eurostat (Regio)

(2) Source: Eurostat (Census)

### • Economics

	Unit	Year	British coastal regions		
			North Sea	Atlantic Ocean	Total
GDP at current market prices	€/inhab	2005	33 895	26 903	30 015
	Index	2005	112.9	89.6	100

Source: Eurostat (Regio)

## • Labour market

<i>British coastal regions</i>					
	<i>Unit</i>	<i>Year</i>	<i>North Sea</i>	<i>Atlantic Ocean</i>	<i>Total</i>
Employment	%	2001	46.4	53.6	100
Unemployment - Men between 15 and 24 years	%	2006	67.9	32.1	100
Unemployment - Men aged 25 years and over	%	2006	67.4	32.6	100
Unemployment - Women between 15 and 24 years	%	2006	73.4	26.6	100
Unemployment - Women aged 25 years and over	%	2006	64.6	35.4	100

Source: Eurostat (Regio)

## • Education

<i>British coastal regions</i>					
	<i>Unit</i>	<i>Year</i>	<i>North Sea</i>	<i>Atlantic Ocean</i>	<i>Total</i>
Population having university educational level	%	2001	28.4	23.3	25.6
	Index	2001	110.9	90.9	100

Source: Eurostat (Census)

## • Tourism

<i>British coastal regions</i>					
	<i>Unit</i>	<i>Year</i>	<i>North Sea</i>	<i>Atlantic Ocean</i>	<i>Total</i>
Number of hotels	%	2006	32.8	67.2	100

Source: Eurostat (Tourism)

## Relevant maritime activities

### • Enterprise statistics

	<i>NACE</i>	<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Labour cost per employee FTE	Building and repairing of ships	1000 €	2005	42.6	42.7
	Building and repairing of pleasure and sporting boats	1000 €	2005	37.1	32.4

Source: Eurostat (Structural business statistics)

### • External trade by sea

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Imports in 1000 tonnes	World	1000 tonnes	2005	169 902	1 398 482	
		% of EU-22	2005	12.1	100	
	Extra Eu25	1000 tonnes	2005	169 902	1 177 573	
		% of EU-22	2005	14.4	100	
	North American Countries	1000 tonnes	2005	10 464	77 094	
		% of EU-22	2005	13.6	100	
	Asia	1000 tonnes	2005	23 394	248 886	
		% of EU-22	2005	9.4	100	
	Africa	1000 tonnes	2005	23 812	247 201	
		% of EU-22	2005	9.6	100	
	South American Countries	1000 tonnes	2005	16 293	168 673	
		% of EU-22	2005	9.7	100	
	Exports in 1000 tonnes	World	1000 tonnes	2005	52 105	567 528
			% of EU-22	2005	9.2	100
Extra Eu25		1000 tonnes	2005	52 105	334 751	
		% of EU-22	2005	15.6	100	
North American Countries		1000 tonnes	2005	28 605	94 400	
		% of EU-22	2005	30.3	100	
Asia		1000 tonnes	2005	11 902	88 604	
		% of EU-22	2005	13.4	100	
Africa		1000 tonnes	2005	3 625	57 663	
		% of EU-22	2005	6.3	100	
South American Countries		1000 tonnes	2005	502	12 324	
		% of EU-22	2005	4.1	100	
Imports in Mio €		World	Mio €	2005	96 258	736 181
			% of EU-22	2005	13.1	100
	Extra Eu25	Mio €	2005	96 258	549 798	
		% of EU-22	2005	17.5	100	
	North American Countries	Mio €	2005	11 857	52 363	
		% of EU-22	2005	22.6	100	
	Asia	Mio €	2005	38 723	242 659	
		% of EU-22	2005	16.0	100	
	Africa	Mio €	2005	6 187	72 241	
		% of EU-22	2005	8.6	100	
	South American Countries	Mio €	2005	4 079	38 969	
		% of EU-22	2005	10.5	100	

## Chapter 2 - Coastal and sea area profiles - United Kingdom

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>	
Exports in Mio €	World	Mio €	2005	70 626	660 870	
		% of EU-22	2005	10.7	100	
	Extra Eu25	Mio €	2005	70 626	450 086	
		% of EU-22	2005	15.7	100	
	North American Countries	Mio €	2005	27 011	138 560	
		% of EU-22	2005	19.5	100	
	Asia	Mio €	2005	19 243	147 497	
		% of EU-22	2005	13.0	100	
	Africa	Mio €	2005	5 404	54 327	
		% of EU-22	2005	9.9	100	
	South American Countries	Mio €	2005	1 637	20 219	
		% of EU-22	2005	8.1	100	
	Share of Imports (1000 tonnes)	World	%	2005	76.5	71.1
		Extra Eu25	%	2005	76.5	77.9
North American Countries		%	2005	26.8	45.0	
Asia		%	2005	66.3	73.7	
Africa		%	2005	86.8	81.1	
South American Countries		%	2005	97.0	93.2	
Share of Exports (1000 tonnes)	World	%	2005	23.5	28.9	
	Extra Eu25	%	2005	23.5	22.1	
	North American Countries	%	2005	73.2	55.0	
	Asia	%	2005	33.7	26.3	
	Africa	%	2005	13.2	18.9	
	South American Countries	%	2005	3.0	6.8	
Share of Imports (Mio €)	World	%	2005	57.7	52.7	
	Extra Eu25	%	2005	57.7	55.0	
	North American Countries	%	2005	30.5	27.4	
	Asia	%	2005	66.8	62.2	
	Africa	%	2005	53.4	57.1	
	South American Countries	%	2005	71.4	65.8	
Share of Exports (Mio €)	World	%	2005	42.3	47.3	
	Extra Eu25	%	2005	42.3	45.0	
	North American Countries	%	2005	69.5	72.6	
	Asia	%	2005	33.2	37.8	
	Africa	%	2005	46.6	42.9	
	South American Countries	%	2005	28.6	34.2	

Source: Eurostat (Comext)

### • Fisheries

		Unit	Year	National level	EU having sea coasts
Catches by fishing area	Marine animals (tonnes) for All fishing areas	Tonnes	2008	815 763	4 824 389
		% of EU-22	2008	12.5	100
	Of which: North-east Atlantic	Tonnes	2008	603 693	3 694 110
		% of EU-22	2008	16.3	100
Employment in the fishery sector	Fishing (Total)	Persons	2005	12 934	234 551
		% of EU-22	2005	4.9	100

Source: Eurostat (Agriculture and fisheries)

### • Research Development

		Unit	Year	National level	EU having sea coasts
Patent application to the EPO	Ships or other waterborne vessels; related equipment	Per kilo of Inhab	2005	0.008	0.122

Source: Eurostat (Science and Technology (Patent))

### • Environment

		Unit	Year	National level	EU having sea coasts
Number of Bathing sea water quality <sup>(1)</sup>	Total	Value	2006	567	14 346
	Areas complying with guide values	Value	2006	456	12 680
	Areas complying with mandatory values	Value	2006	109	1 112
	Areas not complying with mandatory values	Value	2006	2	217
	Areas not sufficiently sampled or data not available	Value	2006	0	57
	Areas where bathing was prohibited	Value	2006	0	279
	Percent of Bathing sea water quality <sup>(1)</sup>	Total	%	2006	100.0
Areas complying with guide values		%	2006	80.4	77.5
Areas complying with mandatory values		%	2006	19.2	19.1
Areas not complying with mandatory values		%	2006	0.4	2.8
Areas not sufficiently sampled or data not available		%	2006	0.0	0.1
Areas where bathing was prohibited		%	2006	0.0	0.5
Protected marine area <sup>(2)</sup>		km <sup>2</sup>	2007	9 131	78 282
		% of EU-22	2007	11.7	100

(1) Source: Eurostat (Environment)

(2) Source: DG ENV



### • Ports activity

		<i>Unit</i>	<i>Year</i>	<i>National level</i>	<i>EU having sea coasts</i>
Maritime transport - Number of passengers	Total	1000 passengers	2006	29 930	397 550
		% of EU-22	2006	7.5	100
	Inwards	1000 passengers	2006	14 893	199 384
		% of EU-22	2006	7.5	100
	Outwards	1000 passengers	2006	15 037	198 164
		% of EU-22	2006	7.6	100
Maritime goods transports in weight between Maritime Coastal Area	Total	1000 tonnes	2006	520 863	3 512 401
		% of EU-22	2006	14.8	100
	Inwards	1000 tonnes	2006	355 464	2 350 247
		% of EU-22	2006	15.1	100
	Outwards	1000 tonnes	2006	213 299	1 350 770
		% of EU-22	2006	15.8	100

Source: Eurostat (Transport)

