





3. Information by autonomous community: basic data

One of the objectives of the *Environmental Profile of Spain* is to offer individual information on each of Spain's autonomous communities. Unfortunately, this is not always possible for every indicator (in fact, in this year's edition, only 34 of the 81 indicators include information on every AC). However, the Report does also provide information on the other key features found in the respective autonomous communities, such as river basin districts, coastal areas, maritime search and rescue zones, tourist destinations, fishing grounds, National Parks, etc. Although the extent of the information varies from one chapter to another depending on the indicators used, the only ones not to include at least one indicator offering this level of detail are Air, Energy, Green Economy and Transport.

It was to make up for these gaps and complement the data included in Chapter 2 of the report that the 2007 edition first featured a specific chapter containing information on each autonomous community.

Today, almost all of Spain's autonomous communities have published reports and information on the state of the environment within their territories. By including this chapter, the Environmental Profile simply seeks to complete the information available on the state of the country's environment with basic data on a series of key aspects. To this end, it presents the information in fact sheets that include:

- Territorial and administrative data
- Social and economic data
- Environmental data

This information is complemented with data about initiatives carried out by the various regional governments during 2009 or that, although initiated at an earlier date, were especially relevant last year.

This chapter also includes a section containing links to the websites most relevant to the environment in each autonomous community, and another with bibliographical references to the main environmental publications in this field. As in previous editions, the autonomous communities appear in alphabetical order.

Production of this chapter has been made possible by the direct contributions of the Spanish EIONET Regional Focal Points, which reviewed the content, removing some of the variables and extending others. Some of the variables included in the past (desertification, endangered species, etc.) do not appear in this edition

because up-to-date information not already included in previous editions was not available.

Once the content had been defined, the next step was to compile the information and calculate the indicators to produce a first draft of the data sheets. As can be seen in the section on information sources, a large part of the data was obtained from government agencies and official statistics, which made it possible to use information common to all of Spain's autonomous communities. Other data has been provided directly by the Regional Focal Points, which also carried out a final review.

As was done in the 2008 edition, in addition to listing the information sources, the data sheets also include notes on the methodologies applied to calculate and interpret the indicators.

Last year's edition made mention of the situation as regards environmental information and development of environmental statistics for Spain's various autonomous communities, as these two factors are responsible for variations in the methodologies used, in the time scales involved, and in data quality and availability, among other aspects. On occasion, these differences hinder efforts to compile homogenous, and thus comparable, information.

It is therefore necessary to continue to combine efforts in this regard to improve data access. The EIONET, in its current configuration, has proved to be a good information-sharing nexus and, since its creation, it has enhanced co-ordination and dissemination of comprehensive and high-quality environmental data.



Andalusia

Statute of Autonomy: Organic Law 2/2007, of 19 March

(BOE no. 68, of 20 March 2007)

Area: 87,598 km²

Length of coastline: 945 km

Capital: Seville Provinces: 8 Municipalities: 762

Population (2009): 8,302,923 inhab

Population density (2009): 94.8 inhab/km²

Population growth (2000-2009): 13.12%

(2008-2009): 1.23%



• POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)

<2,001 inhabitants: 3.3

2,001–10,000 inhabitants: 17.0

10,001–100,000 inhabitants: 43.6

100,001–500,000 inhabitants: 20.8

>500,000 inhabitants: 15.3

• UNEMPLOYMENT RATE

26.33% (Q4 2009)

• UNEMPLOYMENT RATE (>15 YEARS)

[EU-27=7.0%] (2008)

17.8%

• EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)

Agriculture: 7.8 / Industry: 9.3

Construction: 9.3 / Services: 73.6

• GDP MP (2008)

€18,359/inhab (Spanish average=100: 76.9%).

Growth 2007–2008: 1.2%

• GROSS DISPOSABLE HOUSEHOLD INCOME (2007)

€11,889/inhab. Growth 2000–2007: 46.8%

• GVA BREAKDOWN BY SECTOR (%) (2008)

Agriculture: 4.6 / Industry: 11.3

Construction: 14.1 / Services: 70.0

AIR

• NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)

Urban: 38 / Suburban: 30 / Rural: 16

• VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)

– Annual mean concentration of NO₂ in µg/m³ (2010 limit: 40 µg/m³): 35

– No. of days/year daily mean concentration of PM₁₀ exceeded 50 µg/m³ (2005 limit: 35 days/year): 104 (86 if outbreaks of African dust are excluded)

WATER

• AVERAGE HOUSEHOLD WATER CONSUMPTION (2007)

158 litres/inhab/day. Between 2000 and 2007, consumption decreased by 13.7%

• WATER DISTRIBUTION BY SECTOR (%) (2007)

Households: 67.9 / Municipal and other consumption: 10.1 / Economic sectors: 22.0

• REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)

23.3%

• WASTEWATER TREATMENT (2009)

76.9% of population equivalent was provided with wastewater treatment compliant with Directive 91/271/EEC

LAND

• BREAKDOWN BY LAND USE (%) (2006)

Artificial surfaces: 1.9 / Agriculture: 55.5 / Forest: 41.1 / Wetlands and water bodies: 1.5

• CHANGES IN LAND USE (%) (2000–2006)

Artificial surfaces: 19.4 / Agriculture: 0.6 / Forest: -1.6 / Wetlands and water bodies: 1.4

• ESTIMATED SOIL LOSS: LAND AREA AFFECTED BY EROSION (%) (2009)

Moderate: 57.61 / Intermediate: 19.76 / High: 22.63

NATURE AND BIODIVERSITY

• PROTECTED AREA (2009)

1,678,091.8 ha (18.6% of the AC)

• TERRESTRIAL NATURA 2000 NETWORK (2009)

2,592,425.6 ha (29.6% of the AC)

• WETLANDS INCLUDED IN THE SPANISH WETLANDS INVENTORY (FEBRUARY 2010)

117 wetlands (117,970.94 ha)

• FOREST AREA ACCORDING TO IFN 3 (HA)

Wooded: 2,969,079 ha / Non-wooded: 1,422,721 ha

• FOREST FIRES (2009)

1,005 fires affecting 12,181.81 ha. Over 1999–2008, an average of 998 forest fires affected 12,234.29 ha per year

WASTE

- **URBAN WASTE PER INHABITANT (2008)**
 - Total urban waste: 606.0 kg/inhab
 - Separately collected paper/cardboard: 14.0 kg/inhab
 - Separately collected glass: 9.3 kg/inhab
 - Separately collected packaging: 10.2 kg/inhab

AGRICULTURE

- **ORGANIC FARMLAND (2008)**
784,067.4 ha. Growth 2001–2008: 630.2%
- **IRRIGATED AREA (2008)**
954,732 ha (18.8% of total agricultural area)

ENERGY

- **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**
Total: 1.41 / Hydroelectric: 0.14 / Thermal: 0.99
Nuclear: 0.00 / Wind: 0.19 / Other renewables: 0.09
- **ELECTRICITY CONSUMPTION PER INHABITANT IN MWH (2008)**
4.7 MWh/inhab. Growth 2000–2008: 27.4%

TOURISM

- **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**
0.98
- **HOTEL CAPACITY (2008)**
240,802 hotel beds (29.4 beds/1,000 inhab) and 9,393 beds in rural accommodation (1.1 beds/1,000 inhab)

TRANSPORT

- **VEHICLE FLEET (2008)**
5,261,870 vehicles. Growth 2000–2008: 43.9%
641.5 vehicles/1,000 inhab
- **PASSENGER CAR FLEET (2008)**
3,718,259 passenger cars. Growth 2000–2008: 39.3%
453.3 passenger cars/1,000 inhab
- **TRANSPORT NETWORK DENSITY (2008)**
Road: 26.9 km/100 km² / Rail: 2.7 km/100 km²
Road: 2.9 km/1,000 inhab / Rail: 0.3 km/1,000 inhab
- **AIR TRANSPORT (2009)**
18,748,523 passengers. Growth 2000–2009: 36.8%
- **PORT FREIGHT TRAFFIC (2008)**
122.24 million t. Growth 2000–2007: 36.16%

URBAN AND INVESTMENT POLICY

- **MUNICIPALITIES WITH A COUNCIL-APPROVED LOCAL AGENDA 21 SUBSCRIBED TO THE CIUDAD 21 PROGRAMME (2009)**
231 (113 of which have already implemented LA21 and are carrying out Action Plan projects). In addition, 162 municipalities have completed the LA21 diagnosis.
- **INTERNAL EXPENDITURE ON R&D (2008)**
€1.538 billion (1.03% of GDP). Growth 2000–2008: 183.86%

OTHER RELEVANT INFORMATION

- Launch of the REDIAM (Andalusian Environmental Information Network) website
- Commemoration of the 20th anniversary of entry into force of Law 2/1989, of 18 July, approving the Andalusian Inventory of Protected Areas (Andalusian Natural Areas Law)
- Receipt by the Regional Ministry of the Environment of an EU award for the first Life Lince Programme to preserve the Iberian lynx (June 2009)
- Commemoration of the 20th anniversary of adoption of the Andalusian Forestry Plan

RECOMMENDED WEBSITES

REDIAM website:

- <http://www.juntadeandalucia.es/medioambiente/site/web/rediam>

Report on the environment in Andalusia:

- www.juntadeandalucia.es/medioambiente/rediam/estadisticas_IMA

Statistics on the environment in Andalusia:

- www.juntadeandalucia.es/medioambiente/rediam/IMA

Milestones and trends in Andalusia:

- http://www.juntadeandalucia.es/medioambiente/site/web/menuitem.a5664a214f73c3df81d8899661525ea0/?vgnnextoid=75eabe32f8027110VgnVCM1000000624e50aRCRD&vgnnextchannel=3259b19c7acf2010VgnVCM1000001625e50aRCRD&lr=lang_es

RECOMMENDED PUBLICATIONS

- Medio Ambiente Andalucía. Informe 2008.
- Datos Básicos Medio Ambiente Andalucía, 2008.
- Hitos y tendencias del Medio Ambiente de Andalucía. Síntesis basada en indicadores ambientales.
- Compendio de Cartografía y Estadísticas Ambientales de Andalucía. 2nd edition, 2008.
- Datos Ambientales de Andalucía. Clima, 2009.
- Datos Ambientales de Andalucía. Aguas, 2009.
- Datos Ambientales de Andalucía. Geodiversidad, 2009.
- Datos Ambientales de Andalucía. Patrimonio natural, 2009.



Aragon

Statute of Autonomy: Organic law 8/82, of 10 August (BOE 195, 16 August 1982)
 Reform approved by Organic Law 5/2007, of 20 April (BOE 97, of 23 April 2007)
 Area: 47,720 km²
 Capital: Saragossa Provinces: 3 Municipalities: 731
 Population (2009): 1,345,473 inhab
 Population density (2009): 28.2 inhab/km²
 Population growth (2000-2009): 13.07%
 (2008-2009): 1.40%



- **POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)**

<2,001 inhabitants: 16.9
 2,001–10,000 inhabitants: 14.8
 10,001–100,000 inhabitants: 18.1
 100,001–500,000 inhabitants: 0
 >500,000 inhabitants: 50.1

- **UNEMPLOYMENT RATE**

13.29% (Q4 2009)

- **UNEMPLOYMENT RATE (>15 YEARS)**

[EU-27=7.0%] (2008)
 7.1%

- **EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)**

Agriculture: 5.2 / Industry: 18.4
 Construction: 10.3 / Services: 66.1

- **GDP MP (2008)**

€26,107/inhab (Spanish average=100: 109.4%).
 Growth 2007–2008: 2.2%

- **GROSS DISPOSABLE HOUSEHOLD INCOME (2007)**

€16,271/inhab. Growth 2000–2007: 46.8%

- **GVA BREAKDOWN BY SECTOR (%) (2008)**

Agriculture: 4.7 / Industry: 22.8
 Construction: 11.4 / Services: 61.2

AIR

- **NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)**

Urban: 7 / Suburban: 3 / Rural: 23

- **VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)**

– Annual mean concentration of NO₂ in µg/m³ (2010 limit: 40 µg/m³): 28
 – No. of days/year daily mean concentration of PM₁₀ exceeded 50 µg/m³ (2005 limit: 35 days/year): 119 (99 if outbreaks of African dust are excluded)

WATER

- **AVERAGE HOUSEHOLD WATER CONSUMPTION (2007)**

143 litres/inhab/day. Between 2000 and 2007, consumption decreased by 18.8%

- **WATER DISTRIBUTION BY SECTOR (%) (2007)**

Households: 65.2 / Municipal and other consumption: 9.0 / Economic sectors: 25.7

- **REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)**

33.5%

- **WASTEWATER TREATMENT (2009)**

97.0% of population equivalent was provided with wastewater treatment compliant with Directive 91/271/EEC

LAND

- **BREAKDOWN BY LAND USE (%) (2006)**

Artificial surfaces: 0.8 / Agriculture: 48.8 / Forest: 50 / Wetlands and water bodies: 0.7

- **CHANGES IN LAND USE (%) (2000–2006)**

Artificial surfaces: 24.0 / Agriculture: -0.3 / Forest: -0.1 / Wetlands and water bodies: 1.9

- **ESTIMATED SOIL LOSS: LAND AREA AFFECTED BY EROSION (%) (2009)**

Moderate: No data / Intermediate: No data / High: No data

NATURE AND BIODIVERSITY

- **PROTECTED AREA (2009)**

155,166.9 ha (3.25% of the AC)

- **TERRESTRIAL NATURA 2000 NETWORK (2009)**

1,354,678.0 ha (28.38% of the AC)

- **FOREST AREA ACCORDING TO IFN 3 (ha)**

Wooded: 1,458,277 ha / Non-wooded: 1,150,036 ha

- **FOREST FIRES (2009)**

435 fires affecting 22,588.33 ha. Over 1999–2008, an average of 426 fires affected 2,058.36 ha per year

WASTE

- **URBAN WASTE PER INHABITANT (2008)**
 - Total urban waste: 402.53 kg/inhab
 - Separately collected paper/cardboard: 24.95 kg/inhab
 - Separately collected glass: 16.91 kg/inhab
 - Separately collected packaging: 11.60 kg/inhab

AGRICULTURE

- **ORGANIC FARMLAND (2008)**
70,493.9 ha. Growth 2001–2008: 48.2%
- **IRRIGATED AREA (2008)**
374,506 ha (18.2% of total agricultural area)

ENERGY

- **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**
Total: 5.42 / Hydroelectric: 1.20 / Thermal: 2.82 Nuclear: 0.00 / Wind: 1.29 / Other renewables: 0.11
- **ELECTRICITY CONSUMPTION PER INHABITANT IN MWH (2008)**
8.3 MWh/inhab. Growth 2000–2008: 36.7%

TOURISM

- **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**
0.33
- **HOTEL CAPACITY (2008)**
35,191 hotel beds (26.5 beds/1,000 inhab) and 7,397 beds in rural accommodation (5.6 beds/1,000 inhab)

TRANSPORT

- **VEHICLE FLEET (2008)**
854,129 vehicles. Growth 2000–2008: 36.1%
643.7 vehicles/1,000 inhab
- **PASSENGER CAR FLEET (2008)**
577,546 passenger cars. Growth 2000–2008: 25.9%
435.3 passenger cars/1,000 inhab
- **TRANSPORT NETWORK DENSITY (2008)**
Road: 23.9 km/100 km² / Rail: 2.8 km/100 km²
Road: 8.6 km/1,000 inhab / Rail: 1.0 km/1,000 inhab
- **AIR TRANSPORT (2009)**
534,654 passengers. Growth 2000–2009: 116.7%

URBAN AND INVESTMENT POLICY

- **MUNICIPALITIES WITH A COUNCIL-APPROVED LOCAL AGENDA 21 (2008)**
291 have already implemented LA21 and are carrying out Action Plan projects. In addition, 48 municipalities have completed the LA21 diagnosis and 20 have drawn up action plans (pending ratification).
- **INTERNAL EXPENDITURE ON R&D (2008)**
€352.4 million (1.03% of GDP). Growth 2000–2008: 162.63%

OTHER RELEVANT INFORMATION

- Approval of the Aragon Climate Change and Clean Energy Strategy (EACCEL), in which over 220 stakeholders comprising economic agents, government and social organisations participated as part of a process of extensive public participation.
- Approval of the Aragon Comprehensive Waste Management Plan (GIRA) for 2009–2015, which fosters creation of jobs and clean energy through environmentally appropriate waste management.
- Launch of the www.aragonaire.es website to provide real-time information about air quality in Aragon.
- Inauguration of the Centre for Breeding Bearded Vultures in Captivity (CRIA), a pioneer in the conservation of this species in danger of extinction.
- Ninetieth anniversary of the creation of the Ordesa y Monte Perdido National Park, commemorated by a retrospective exhibition, the opening of the new Torla Visitor Centre and the release of a bearded vulture chick, among other events.

RECOMMENDED WEBSITES

- <http://www.aragon.es>

RECOMMENDED PUBLICATIONS

- Medio Ambiente en Aragón 2008.
- Los bosques en Aragón.
- La Estrategia Aragonesa de Cambio Climático y Energías Limpias (EACCEL) en pocas palabras.
- La ciudad de MAU (published in Braille).



Asturias

Statute of Autonomy: Organic Law 7/81, of 30 December (BOE 9, 11 January 1982)
 Area: 10,604 km²
 Length of coastline: 401 km
 Capital: Oviedo Provinces: 1 Municipalities: 78
 Population (2009): 1,085,289 inhab
 Population density (2009): 102.3 inhab/km²
 Population growth (2000-2009): 0.81%
 (2008-2009): 0.48%



• POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)

<2,001 inhabitants: 3.4
 2,001–10,000 inhabitants: 10.1
 10,001–100,000 inhabitants: 40.3
 100,001–500,000 inhabitants: 46.2
 >500,000 inhabitants: 0.0

• UNEMPLOYMENT RATE

14.24% (Q4 2009)

• UNEMPLOYMENT RATE (>15 YEARS)

[EU-27=7.0%] (2008)
 8.4%

• EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)

Agriculture: 4.0 / Industry: 15.0
 Construction: 9.9 / Services: 71.1

• GDP MP (2008)

€22,443/inhab (Spanish average=100: 94.0%).
 Growth 2007–2008: 3.7%

• GROSS DISPOSABLE HOUSEHOLD INCOME (2007)

€15,656/inhab. Growth 2000–2007: 62.8%

• GVA BREAKDOWN BY SECTOR (%) (2008)

Agriculture: 1.8 / Industry: 22.4
 Construction: 14.0 / Services: 61.8

AIR

• NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)

Urban: 8 / Suburban: 9 / Rural: 3

• VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)

– Annual mean concentration of NO₂ in µg/m³ (2010 limit: 40 µg/m³): 28
 – No. of days/year daily mean concentration of PM₁₀ exceeded 50 µg/m³ (2005 limit: 35 days/year): 23 (17 if outbreaks of African dust are excluded)

WATER

• AVERAGE HOUSEHOLD WATER CONSUMPTION (2007) (Data provided by the Regional Government)

128.6 litres/inhab/day. The calculation excludes industrial consumption, which represented around 30% of the total

• WATER DISTRIBUTION BY SECTOR (%) (2007)

Households: 69.1 / Municipal and other consumption: 5.7 / Economic sectors: 25.2

• REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)

22.4%

• WASTEWATER TREATMENT (2009)

71.0% of population equivalent was provided with wastewater treatment compliant with Directive 91/271/EEC

LAND

• BREAKDOWN BY LAND USE (%) (2006)

Artificial surfaces: 1.9 / Agriculture: 28.0 / Forest: 69.8 / Wetlands and water bodies: 0.3

• CHANGES IN LAND USE (%) (2000–2006)

Artificial surfaces: 3.8 / Agriculture: -0.3 / Forest: 2.4 / Wetlands and water bodies: -1.3

• ESTIMATED SOIL LOSS: LAND AREA AFFECTED BY EROSION (%) (2008)

Moderate: 61.92 / Intermediate: 21.67 / High: 16.42

NATURE AND BIODIVERSITY

• PROTECTED AREA (2009)

237,422.7 ha (22.4% of the AC)

• TERRESTRIAL NATURA 2000 NETWORK (2009)

280,810.6 ha (26.46% of the AC)

• FOREST AREA ACCORDING TO IFN 3 (HA)

Wooded: 434,903 ha / Non-wooded: 329,694 ha

• FOREST FIRES (2009)

2,094 fires affecting 6,508.56 ha. Over 1999–2008, an average of 720 fires affected 9,208.48 ha per year

WASTE

- **URBAN WASTE PER INHABITANT (2008)**
 - Total urban waste: 623.07 kg/inhab
 - Separately collected paper/cardboard: 61.72 kg/inhab
 - Separately collected glass: 38.66 kg/inhab
 - Separately collected packaging: 7.67 kg/inhab

AGRICULTURE

- **ORGANIC FARMLAND (2008)**
11,822.7 ha. Growth 2001–2008: 3,696.1%
- **IRRIGATED AREA (2008)**
1,590 ha (0.4% of total agricultural area)

ENERGY

- **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**
Total: 3.94 / Hydroelectric: 0.68 / Thermal: 2.82 / Nuclear: 0.00 / Wind: 0.26 / Other renewables: 0.09
- **ELECTRICITY CONSUMPTION PER INHABITANT IN MWH (2008)**
9.6 MWh/inhab. Growth 2000–2008: 26.8%

TOURISM

- **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**
0.17
- **HOTEL CAPACITY (2008)**
23,798 hotel beds (22.0 beds/1,000 inhab) and 9,965 beds in rural accommodation (9.2 beds/1,000 inhab)

TRANSPORT

- **VEHICLE FLEET (2008)**
652,452 vehicles. Growth 2000–2008: 29.0%
604.0 vehicles/1,000 inhab
- **PASSENGER CAR FLEET (2008)**
494,025 passenger cars. Growth 2000–2008: 23.5%
457.4 passenger cars/1,000 inhab
- **TRANSPORT NETWORK DENSITY (2008)**
Road: 47.4 km/100 km² / Rail: 6.7 km/100 km²
Road: 4.7 km/1,000 inhab / Rail: 0.7 km/1,000 inhab
- **AIR TRANSPORT (2009)**
1,316,088 passengers. Growth 2000–2009: 61.0%
- **PORT FREIGHT TRAFFIC (2008)**
24.28 million t. Growth 2000–2008: 1.37%

URBAN AND INVESTMENT POLICY

- **MUNICIPALITIES WITH A COUNCIL-APPROVED LOCAL AGENDA 21 (2008)**
55 (25 of which have already implemented LA21 and are carrying out Action Plan projects). In addition, 27 municipalities have completed the LA21 diagnosis.
- **INTERNAL EXPENDITURE ON R&D (2008)**
€229.7 million (0.96% of GDP). Growth 2000–2008: 100.45%

OTHER RELEVANT INFORMATION

- The Asturias 21 Network of Sustainable Municipalities was created in November following signature of an agreement with the Asturian Federation of Local Councils (FAC).
- Under the Water Quality Plan 2007–2015, implementation of sewerage and wastewater treatment will be completed in all population centres with over 250 inhabitants (or those with over 50 inhabitants in protected areas). Forecast expenditure totals €596 million and includes:
 - 37 projects currently under way (expenditure of €178 million).
 - 15 projects up for tender (expenditure of €98 million).
 - 36 projects currently being specified and submitted for environmental assessment (expenditure of €143 million).

RECOMMENDED WEBSITES

- <http://www.asturias.es>
- <http://www.redambientalasturias.es>

RECOMMENDED PUBLICATIONS

- Perfil Ambiental de Asturias 2008.
- Evidencias y efectos potenciales del cambio climático en Asturias.
- Colección la Aventura del Saber: El Cambio Climático en Asturias.
- Colección la Aventura del Saber: Los Residuos en Asturias.
- Colección la Aventura del Saber: El Agua en Asturias.



Balearic Islands

Statute of Autonomy: Organic Law 2/83, of 25 February (BOE 51, 1 March 1983), text as per Organic Law 1/2007, of 28 February (BOE 52, 1 March 2007)

Area: 4,992 km²

Length of coastline: 1,428 km

Capital: Palma de Mallorca Provinces: 1 Municipalities: 67

Population (2009): 1,095,426 inhab

Population density (2009): 282.5 inhab/km²

Population growth (2000-2009): 29.54% (2008-2009): 1.35%



POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)

- <2,001 inhabitants: 1.6
- 2,001–10,000 inhabitants: 14.8
- 10,001–100,000 inhabitants: 47.0
- 100,001–500,000 inhabitants: 36.6
- >500,000 inhabitants: 0.0

UNEMPLOYMENT RATE

19.54% (Q4 2009)

UNEMPLOYMENT RATE (>15 YEARS)

[EU-27=7.0%] (2008)

10.2%

EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)

Agriculture: 1.4 / Industry: 7.9
Construction: 12.8 / Services: 77.9

GDP MP (2008)

€25,838/inhab (Spanish average=100: 108.2%).
Growth 2007–2008: 1.6%

GROSS DISPOSABLE HOUSEHOLD INCOME (2007)

€15,949/inhab. Growth 2000–2007: 27.6%

GVA BREAKDOWN BY SECTOR (%) (2008)

Agriculture: 1.0 / Industry: 7.3
Construction: 10.3 / Services: 81.4

AIR

NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)

Urban: 3 / Suburban: 6 / Rural: 7

VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)

- Annual mean concentration of NO₂ in µg/m³ (2010 limit: 40 µg/m³): 19
- No. of days/year daily mean concentration of PM₁₀ exceeded 50 µg/m³ (2005 limit: 35 days/year): Insufficient data

WATER

AVERAGE HOUSEHOLD WATER CONSUMPTION (2007)

136 litres/inhab/day. Between 2000 and 2007, consumption increased by 5.4%

WATER DISTRIBUTION BY SECTOR (%) (2007)

Households: 58.7 / Municipal and other consumption: 6.9 / Economic sectors: 34.4

REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)

23.1%

LAND

BREAKDOWN BY LAND USE (%) (2006)

Artificial surfaces: 6.4 / Agriculture: 57.3 / Forest: 35.5 / Wetlands and water bodies: 0.7

CHANGES IN LAND USE (%) (2000–2006)

Artificial surfaces: 6 / Agriculture: -0.5 / Forest: -0.2 / Wetlands and water bodies: -0.2

ESTIMATED SOIL LOSS: LAND AREA AFFECTED BY EROSION (%) (2008)

Moderate: 76.62 / Intermediate: 13.69 / High: 9.70

NATURE AND BIODIVERSITY

PROTECTED AREA (2009)

100,390.4 ha (14.9% of the AC)

TERRESTRIAL NATURA 2000 NETWORK (2009)

115,219.7 ha (23.0% of the AC)

FOREST AREA ACCORDING TO IFN 3 (HA)

Wooded: 186,377 ha / Non-wooded: 37,223 ha

FOREST FIRES (2009)

117 fires affecting 109.66 ha. Over 1999–2008, an average of 131 forest fires affected 401.22 ha per year

WASTE

URBAN WASTE PER INHABITANT (2008)

- Total urban waste: 769.60 kg/inhab
- Separately collected paper/cardboard: 40.60 kg/inhab
- Separately collected glass: 23.80 kg/inhab
- Separately collected packaging: 10.70 kg/inhab

AGRICULTURE

- **ORGANIC FARMLAND (2008)**
23,007.7 ha. Growth 2001–2008: 298.0%
- **IRRIGATED AREA (2008)**
19,795 ha (10.1% of total agricultural area)

ENERGY

- **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**
Total: 1.91 / Hydroelectric: 0.00 / Thermal: 1.83 Nuclear: 0.00 / Wind: 0.00 / Other renewables: 0.08
- **ELECTRICITY CONSUMPTION PER INHABITANT IN MWH (2008)**
5.4 MWh/inhab. Growth 2000–2008: 16.7%

TOURISM

- **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**
9.38
- **HOTEL CAPACITY (2008)**
185,016 hotel beds (172.5 beds/1,000 inhab) and 2,669 beds in rural accommodation (2.5 beds/1,000 inhab)

TRANSPORT

- **VEHICLE FLEET (2008)**
893,624 vehicles. Growth 2000–2008: 26.8%
832.9 vehicles/1,000 inhab

- **PASSENGER CAR FLEET (2008)**

651,535 passenger cars. Growth 2000–2008: 21.6%
607.3 passenger cars/1,000 inhab

- **TRANSPORT NETWORK DENSITY (2008)**

Road: 43.4 km/100 km² / Rail: 2.1 km/100 km²
Road: 2.0 km/1,000 inhab / Rail: 0.1 km/1,000 inhab

- **AIR TRANSPORT (2009)**

28,209,514 passengers. Growth 2000–2009: 5.8%

- **PORT FREIGHT TRAFFIC (2008)**

13.94 million t. Growth 2000–2008: 27.56%

URBAN AND INVESTMENT POLICY

- **MUNICIPALITIES WITH A COUNCIL-APPROVED LOCAL AGENDA 21 (2008)**

67 (58 of which have already implemented LA21 and are carrying out Action Plan projects).

- **INTERNAL EXPENDITURE ON R&D (2008)**

€97.4 million (0.35% of GDP). Growth 2000–2008:
179.42%

RECOMMENDED WEBSITES

- <http://www.caib.es/govern/organigrama/area.do?lang=es&coduo=138143>



Canary Islands

Statute of Autonomy: Organic Law 10/82, of 10 August (BOE 195, 16 August 1982)

Area: 7,492 km²

Length of coastline: 1,583 km

Capital: Las Palmas de Gran Canaria and Santa Cruz de Tenerife

Provinces: 2 Municipalities: 88

Population (2009): 2,103,426 inhab

Population density (2009): 282.5 inhab/km²

Population growth (2000-2009): 22.59%
(2008-2009): 1.35%



• POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)

- <2,001 inhabitants: 0.5
- 2,001–10,000 inhabitants: 10.1
- 10,001–100,000 inhabitants: 48.8
- 100,001–500,000 inhabitants: 40.6
- >500,000 inhabitants: 0.0

• UNEMPLOYMENT RATE

26.91% (Q4 2009)

• UNEMPLOYMENT RATE (>15 YEARS)

[EU-27=7.0%] (2008)

17.4%

• EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)

Agriculture: 3.0 / Industry: 5.6
Construction: 9.7 / Services: 81.7

• GDP MP (2008)

€20,994/inhab (Spanish average=100: 87.9%).
Growth 2007–2008: 1.3%

• GROSS DISPOSABLE HOUSEHOLD INCOME (2007)

€13,227/inhab. Growth 2000–2007: 38.0%

• GVA BREAKDOWN BY SECTOR (%) (2008)

Agriculture: 1.2 / Industry: 6.8
Construction: 11.3 / Services: 80.7

AIR

• NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)

Urban: 8 / Suburban: 21 / Rural: 4

• VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)

- Annual mean concentration of NO₂ in µg/m³ (2010 limit: 40 µg/m³): Santa Cruz de Tenerife: 19 / Las Palmas: 25
- No. of days/year daily mean concentration of PM₁₀ exceeded 50 µg/m³ (2005 limit: 35 days/year): Santa Cruz de Tenerife: 113 (85 if outbreaks of African dust are excluded) / Las Palmas: 26 (10 if outbreaks of African dust are excluded)

WATER

• AVERAGE HOUSEHOLD WATER CONSUMPTION (2007)

154 litres/inhab/day. Between 2000 and 2007, consumption increased by 10.8%

• WATER DISTRIBUTION BY SECTOR (%) (2007)

Households: 62.7 / Municipal and other consumption: 10.4 / Economic sectors: 26.8

• REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)

24.9%

LAND

• BREAKDOWN BY LAND USE (%) (2006)

Artificial surfaces: 6.5 / Agriculture: 22.3 / Forest: 71.3 / Wetlands and water bodies: 0.0

• CHANGES IN LAND USE (%) (2000–2006)

Artificial surfaces: 10.9 / Agriculture: -1.1 / Forest: -0.5 / Wetlands and water bodies: -24.9

• ESTIMATED SOIL LOSS: LAND AREA AFFECTED BY EROSION (%) (2009)

Moderate: 69.25 / Intermediate: 21.86 / High: 8.89

NATURE AND BIODIVERSITY

• PROTECTED AREA (2009)

339,126.9 ha (40.6% of the AC)

• TERRESTRIAL NATURA 2000 NETWORK (2009)

348,039 ha (46.8% of the AC)

• FOREST AREA ACCORDING TO IFN 3 (HA)

Wooded: 126,012 ha / Non-wooded: 437,633 ha

• **FOREST FIRES (2009)**

123 fires affecting 3,615.27 ha. Over 1999–2008, an average of 102 forest fires affected 4,560.57 ha per year

WASTE

• **URBAN WASTE PER INHABITANT (2008)**

- Total urban waste: 621.99 kg/inhab
- Separately collected paper/cardboard: 6.88 kg/inhab
- Separately collected glass: 12.53 kg/inhab
- Separately collected packaging: 73.06 kg/inhab

AGRICULTURE

• **ORGANIC FARMLAND (2008)**

5,009.4 ha. Growth 2001–2008: -2.5%

• **IRRIGATED AREA (2008)**

23,481 ha (36.8% of total agricultural area)

ENERGY

• **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**

Total: 1.37 / Hydroelectric: 0.00 / Thermal: 1.24
Nuclear: 0.00 / Wind: 0.07 / Other renewables: 0.06

• **ELECTRICITY CONSUMPTION PER INHABITANT IN MWh (2008)**

4.2 MWh/inhab. Growth 2000–2008: 24.6%

TOURISM

• **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**

4.51

• **HOTEL CAPACITY (2008)**

197,915 hotel beds (95.3 beds/1,000 inhab) and 3,804 beds in rural accommodation (1.8 beds/1,000 inhab)

TRANSPORT

• **VEHICLE FLEET (2008)**

1,472,250 vehicles. Growth 2000–2008: 30.1%
709.2 vehicles/1,000 inhab

• **PASSENGER CAR FLEET (2008)**

979,680 passenger cars. Growth 2000–2008: 20.3%
471.9 passenger cars/1,000 inhab

• **TRANSPORT NETWORK DENSITY (2008)**

Road: 60.0 km/100 km² / Rail: 0.0 km/100 km²
Road: 2.2 km/1,000 inhab / Rail: 0.0 km/1,000 inhab

• **AIR TRANSPORT (2009)**

30,018,910 passengers. Growth 2000–2009: -0.4%

• **PORT FREIGHT TRAFFIC (2008)**

44.64 million t. Growth 2000–2008: 34.54%

URBAN AND INVESTMENT POLICY

• **MUNICIPALITIES WITH A COUNCIL-APPROVED LOCAL AGENDA 21 (2008)**

87 (9 of which have already approved an action plan. In addition, 14 municipalities have completed the LA21 diagnosis)

• **INTERNAL EXPENDITURE ON R&D (2008)**

€268.8 million (0.62% of GDP). Growth 2000–2008: 125.09%

OTHER RELEVANT INFORMATION

- Launch of the new website providing information about air quality in the Canary Islands.
- Update of the Canary Islands' 2006–2008 census of waste dumped into the sea from the land.
- Last autumn, 16 Environmental Authorisations were issued, including those for the oldest thermal power stations on Tenerife and Gran Canaria.
- In December 2009, the Natura 2000 network's Special Areas of Conservation, which include both terrestrial and marine environments, were created.
- By the end of 2009, planning instruments had been created for 122 of the autonomous community's 146 Protected Areas.
- Approval of Recovery Plans for nine endemic local species catalogued as in danger of extinction (*Bencomia sphaerocarpa*, *Solanum vespertilio doramae*, *Lotus Kunkelii*, *Kunkeliella canariensis*, *Crambe sventenii*, *Salvia herbanica*, *Onopordon nogalesii*, *Helianthemum bramwelliorum* and *H. gonzalezferreri*).

RECOMMENDED WEBSITES

- <http://www.gobiernodecanarias.org/cmayerot/index.jsp>

RECOMMENDED PUBLICATIONS

- Medio Ambiente en Canarias. Informe de Coyuntura 2008.
- Árboles y arboledas singulares de Canarias.



Cantabria

Statute of Autonomy: Organic Law 8/1981,
of 30 December, on the Statute of Autonomy of Cantabria
Area: 5,321 km²
Length of coastline: 284 km
Capital: Santander Provinces: 1 Municipalities: 102
Population (2009): 589,235 inhab
Population density (2009): 110.7 inhab/km²
Population growth (2000-2009): 10.93%
(2008-2009): 1.22%



- **POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)**

<2,001 inhabitants: 8.4
2,001–10,000 inhabitants: 24.3
10,001–100,000 inhabitants: 36.3
100,001–500,000 inhabitants: 31.0
>500,000 inhabitants: 0.0

- **UNEMPLOYMENT RATE**

12.63% (Q4 2009)

- **UNEMPLOYMENT RATE (>15 YEARS)**

[EU-27=7.0%] (2008)

7.2%

- **EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)**

Agriculture: 3.8 / Industry: 16.8
Construction: 11.5 / Services: 67.9

- **GDP MP (2008)**

€24,466/inhab (Spanish average=100: 102.5%).
Growth 2007–2008: 4.0%

- **GROSS DISPOSABLE HOUSEHOLD INCOME (2007)**

€15,642/inhab. Growth 2000–2007: 52.9%

- **GVA BREAKDOWN BY SECTOR (%) (2008)**

Agriculture: 2.9 / Industry: 22.3
Construction: 13.0 / Services: 61.8

AIR

- **NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)**

Urban: 9 / Suburban: 1 / Rural: 1

- **VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)**

– Annual mean concentration of NO₂ in µg/m³ (2010 limit: 40 µg/m³): 30
– No. of days/year daily mean concentration of PM₁₀ exceeded 50 µg/m³ (2005 limit: 35 days/year): 19 (12 if outbreaks of African dust are excluded)

WATER

- **AVERAGE HOUSEHOLD WATER CONSUMPTION (2007)**

189 litres/inhab/day. Between 2000 and 2007, consumption increased by 0.5%

- **WATER DISTRIBUTION BY SECTOR (%) (2007)**

Households: 69.2 / Municipal and other consumption: 6.5 / Economic sectors: 24.3

- **REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)**

27.8%

- **WASTEWATER TREATMENT (2009)**

75% of population equivalent was provided with wastewater treatment compliant with Directive 91/271/EEC

LAND

- **BREAKDOWN BY LAND USE (%) (2006)**

Artificial surfaces: 2.9 / Agriculture: 29.0 / Forest: 66.5 / Wetlands and water bodies: 1.6

- **CHANGES IN LAND USE (%) (2000–2006)**

Artificial surfaces: 9.0 / Agriculture: -1.1 / Forest: 0.1 / Wetlands and water bodies: 0.0

- **ESTIMATED SOIL LOSS: LAND AREA AFFECTED BY EROSION (%) (2008)**

Moderate: 59.91 / Intermediate: 22.39 / High: 17.70

NATURE AND BIODIVERSITY

- **PROTECTED AREA (2009)**

154,939.1 ha (28.8% of the AC)

- **TERRESTRIAL NATURA 2000 NETWORK (2009)**

146,726 ha (27.6% of the AC)

- **FOREST AREA ACCORDING TO IFN 3 (HA)**

Wooded: 209,611 ha / Non-wooded: 149,847 ha

• **FOREST FIRES (2009)**

590 fires affecting 4,554.94 ha. Over 1999–2008, an average of 358 forest fires affected 4,365.64 ha per year

WASTE

• **URBAN WASTE PER INHABITANT (2008)**

- Total urban waste: 624.35 kg/inhab
- Separately collected paper/cardboard: 22.60 kg/inhab
- Separately collected glass: 18.90 kg/inhab
- Separately collected packaging: 7.80 kg/inhab

AGRICULTURE

• **ORGANIC FARMLAND (2008)**

5,561.5 ha. Growth 2001–2008: 69.1%

• **IRRIGATED AREA (2008)**

138 ha (0.1% of total agricultural area)

ENERGY

• **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**

Total: 1.42 / Hydroelectric: 0.84 / Thermal: 0.51
Nuclear: 0.00 / Wind: 0.03 / Other renewables: 0.04

• **ELECTRICITY CONSUMPTION PER INHABITANT IN MWH (2008)**

7.9 MWh/inhab. Growth 2000–2008: 11.5%

TOURISM

• **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**

0.55

• **HOTEL CAPACITY (2008)**

16,868 hotel beds (29.0 beds/1,000 inhab) and 6,440 beds in rural accommodation (11.1 beds/1,000 inhab)

TRANSPORT

• **VEHICLE FLEET (2008)**

383,681 vehicles. Growth 2000–2008: 39.1%
659.1 vehicles/1,000 inhab

• **PASSENGER CAR FLEET (2008)**

280,382 passenger cars. Growth 2000–2008: 32.6%
481.6 passenger cars/1,000 inhab

• **TRANSPORT NETWORK DENSITY (2008)**

Road: 48.6 km/100 km² / Rail: 6.6 km/100 km²
Road: 4.4 km/1,000 inhab / Rail: 0.6 km/1,000 inhab

• **AIR TRANSPORT (2009)**

958,157 passengers. Growth 2000–2009: 267.4%

• **PORT FREIGHT TRAFFIC (2008)**

10.32 million t. Growth 2000–2008: 2.54%

URBAN AND INVESTMENT POLICY

• **MUNICIPALITIES WITH A COUNCIL-APPROVED LOCAL AGENDA 21 (2008)**

92 municipalities with an LA21. In addition, 71 municipalities have completed the LA21 diagnosis and 1 has drawn up an action plan (pending ratification). As well as the aforementioned 92 municipalities, the Local Sustainability Network comprises 4 local authority associations, the University of Cantabria, and the Association of Local Development and Employment Agencies

• **INTERNAL EXPENDITURE ON R&D (2008)**

€140.8 million (1.00% of GDP). Growth 2000–2008: 291.73%

OTHER RELEVANT INFORMATION

Environmental legislation passed by the Regional Government of Cantabria in 2008:

- Decree 120/2008, of 4 December, regulating Cantabria's Regional Catalogue of Endangered Species.
- Decree 15/2008, of 22 February, regulating Cantabria's Regional Hunting Reserves in conformance with Law 12/2006, of 17 July, on hunting in Cantabria.

Environmental legislation passed by the Regional Government of Cantabria in 2009:

- Decree 50/2009, of 18 June, regulating monitoring of industrial air pollution in the Autonomous Community of Cantabria.
- Decree 47/2009, of 4 June, approving the regulations governing the dumping of waste into the sea from the land in the Autonomous Community of Cantabria.

RECOMMENDED WEBSITES

- <http://www.medioambientecantabria.es>
- <http://www.gobcantabria.es/>
- <http://www.icane.es/>

RECOMMENDED PUBLICATIONS

- Estrategia de Acción frente al Cambio Climático de Cantabria 2008–2012. Regional Ministry of the Environment, Regional Government of Cantabria.

- Manual para la elaboración de encuestas, 2009: diseño, ejecución y tratamiento de datos. Centre for Environmental Research (CIMA). Regional Ministry of the Environment, Regional Government of Cantabria.

- Vigilancia de las Aguas Litorales 2007–2008, 2009. CIMA. Regional Ministry of the Environment, Regional Government of Cantabria.



Castile-La Mancha

Statute of Autonomy: Organic Law 9/82, of 10 August (BOE 195, 16 August 1982)

Area: 79,462 km²

Length of coastline: 0 km

Capital: Toledo Provinces: 5 Municipalities: 919

Population (2009): 2,081,313 inhab

Population density (2009): 26.2 inhab/km²

Population growth (2000-2009): 20.01% (2008-2009): 1.87%



• POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)

- <2,001 inhabitants: 15.2
- 2,001–10,000 inhabitants: 30.4
- 10,001–100,000 inhabitants: 46.3
- 100,001–500,000 inhabitants: 8.2
- >500,000 inhabitants: 0.0

• UNEMPLOYMENT RATE

19.23% (Q4 2009)

• UNEMPLOYMENT RATE (>15 YEARS)

[EU-27=7.0%] (2008)

11.6%

• EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)

Agriculture: 6.3 / Industry: 16.6
Construction: 12.9 / Services: 64.2

• GDP MP (2008)

€18,222/inhab (Spanish average=100: 76.3%).
Growth 2007–2008: 0.1%

• GROSS DISPOSABLE HOUSEHOLD INCOME (2007)

€12,312/inhab. Growth 2000–2007: 41.8%

• GVA BREAKDOWN BY SECTOR (%) (2008)

Agriculture: 9.1 / Industry: 17.3
Construction: 14.1 / Services: 59.5

AIR

• NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)

Urban: 2 / Suburban: 9 / Rural: 2

• VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)

- Annual mean concentration of NO₂ in µg/m³ (2010 limit: 40 µg/m³): 23
- No. of days/year daily mean concentration of PM₁₀ exceeded 50 µg/m³ (2005 limit: 35 days/year): 7 (1 if outbreaks of African dust are excluded)

WATER

• AVERAGE HOUSEHOLD WATER CONSUMPTION (2007)

163 litres/inhab/day. Between 2000 and 2007, consumption decreased by 13.3%

• WATER DISTRIBUTION BY SECTOR (%) (2007)

Households: 70.1 / Municipal and other consumption: 11.0 / Economic sectors: 18.9

• REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)

25.7%

• WASTEWATER TREATMENT (2009)

76% of population equivalent was provided with wastewater treatment compliant with Directive 91/271/EEC

LAND

• BREAKDOWN BY LAND USE (%) (2006)

Artificial surfaces: 1.0 / Agriculture: 59.1 / Forest: 39.3 / Wetlands and water bodies: 0.7

• CHANGES IN LAND USE (%) (2000–2006)

Artificial surfaces: 27.7 / Agriculture: -0.3 / Forest: -0.1 / Wetlands and water bodies: 0.1

• ESTIMATED SOIL LOSS: LAND AREA AFFECTED BY EROSION (%) (2008)

Moderate: No data / Intermediate: No data / High: No data

NATURE AND BIODIVERSITY

• PROTECTED AREA (2009)

320,584.0 ha (4.0% of the AC)

• TERRESTRIAL NATURA 2000 NETWORK (2009)

1,839,139.4 ha (23.2% of the AC)

• FOREST AREA ACCORDING TO IFN 3 (HA)

Wooded: 2,537,616 ha / Non-wooded: 1,027,163 ha

• **FOREST FIRES (2009)**

892 fires affecting 8,283.25 ha. Over 1999–2008, an average of 882 forest fires affected 7,652.36 ha per year

WASTE

• **URBAN WASTE PER INHABITANT (2008)**

- Total urban waste: 487.55 kg/inhab
- Separately collected paper/cardboard: 16.71 kg/inhab
- Separately collected glass: 10.07 kg/inhab
- Separately collected packaging: 7.20 kg/inhab

AGRICULTURE

• **ORGANIC FARMLAND (2008)**

119,668.1 ha. Growth 2001–2008: 709.1%

• **IRRIGATED AREA (2008)**

482,660 ha (11.3% of total agricultural area)

ENERGY

• **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**

Total: 4.13 / Hydroelectric: 0.41 / Thermal: 1.16 Nuclear: 0.52 / Wind: 1.63 / Other renewables: 0.40

• **ELECTRICITY CONSUMPTION PER INHABITANT IN MWH (2008)**

6.0 MWh/inhab. Growth 2000–2008: 23.2%

TOURISM

• **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**

0.09

• **HOTEL CAPACITY (2008)**

31,898 hotel beds (15.6 beds/1,000 inhab) and 7,843 beds in rural accommodation (3.8 beds/1,000 inhab)

TRANSPORT

• **VEHICLE FLEET (2008)**

1,391,841 vehicles. Growth 2000–2008: 52.8%
681.2 vehicles/1,000 inhab

• **PASSENGER CAR FLEET (2008)**

950,716 passenger cars. Growth 2000–2008: 49.1%
465.3 passenger cars/1,000 inhab

• **TRANSPORT NETWORK DENSITY (2007)**

Road: 24.1 km/100 km² / Rail: 2.0 km/100 km²
Road: 9.4 km/1,000 inhab / Rail: 0.8 km/1,000 inhab

• **AIR TRANSPORT (2009)**

15,262 passengers. Growth 2000–2009: No data

URBAN AND INVESTMENT POLICY

• **MUNICIPALITIES WITH A COUNCIL-APPROVED LOCAL AGENDA 21 (2008)**

63 have already implemented LA21 and are carrying out Action Plan projects. In addition, 201 municipalities have completed the LA21 diagnosis and 221 have drawn up action plans (pending ratification). 670 municipalities have signed the Aalborg Charter

• **INTERNAL EXPENDITURE ON R&D (2008)**

€265.7 million (0.72% of GDP). Growth 2000–2008: 124.10%

OTHER RELEVANT INFORMATION

- Queries regarding waste: residuosclm@jccm.es
- Air quality: <http://pagina.jccm.es/medioambiente/rvca/calidadaire.htm>
- Legislation passed in 2008–2009:
 - Decree 179/2009, of 24 November, approving Castile-La Mancha's Urban Waste Management Plan 2009–2019.
 - Decree 25/2009, of 31 March, declaring the Piedrabuena Volcano in the municipal district of Piedrabuena (Ciudad Real) a protected Natural Monument.
 - Decree 91/2008, of 24 June, declaring the Calatrava volcanic massif in the municipal districts of Almagro, Argamasilla de Calatrava, Pozuelo de Calatrava, Ballesteros de Calatrava and Aldea del Rey (Ciudad Real) a protected Natural Monument.

RECOMMENDED WEBSITES

- <http://www.jccm.es/medioambiente/index.htm>
- <http://ies.jccm.es/>
- <http://jccm.es/medioambiente/publicaciones/>
- <http://revistamedioambiente.jccm.es/>
- <http://www.jccm.es/medioambiente/calamb/calamb.htm>
- Infrastructure: <http://rrrclm.info/>
- Eco-ceramics: <http://ecoceramica.info/>

RECOMMENDED PUBLICATIONS

- Impactos del Cambio Climático.
- El paisaje vegetal de Castilla la Mancha.
- La Red Natura 2000 en Castilla la Mancha.
- Nueva zonificación de Castilla la Mancha.
- El ozono en Castilla la Mancha.
- Revista Medio Ambiente Castilla la Mancha (trimestral).
- Revista Red 21CLM (semestral).



Castile-Leon

Statute of Autonomy: Organic Law 14/2007, of 30 November, on reform of the Statute of Autonomy of Castile-Leon
 Area: 94,225 km²
 Capital: Valladolid Provinces: 9 Municipalities: 2,248
 Population (2009): 2,563,521 inhab
 Population density (2009): 27.2 inhab/km²
 Population growth (2000-2009): 3.40% (2008-2009): 0.24%



- **POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)**

<2,001 inhabitants: 26.4
 2,001–10,000 inhabitants: 17.4
 10,001–100,000 inhabitants: 25.5
 100,001–500,000 inhabitants: 30.7
 >500,000 inhabitants: 0.0

- **UNEMPLOYMENT RATE**

14.15% (Q4 2009)

- **UNEMPLOYMENT RATE (>15 YEARS)**

[EU-27=7.0%] (2008)
 9.5%

- **EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)**

Agriculture: 6.4 / Industry: 17.4
 Construction: 10.0 / Services: 66.2

- **GDP MP (2008)**

€23,183/inhab (Spanish average=100: 97.1%).
 Growth 2007–2008: 2.4%

- **GROSS DISPOSABLE HOUSEHOLD INCOME (2007)**

€15,330/inhab. Growth 2000–2007: 54.0%

- **GVA BREAKDOWN BY SECTOR (%) (2008)**

Agriculture: 6.9 / Industry: 18.9
 Construction: 11.9 / Services: 62.3

AIR

- **NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)**

Urban: 23 / Suburban: 18 / Rural: 24

- **VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)**

– Annual mean concentration of NO₂ in µg/m³ (2010 limit: 40 µg/m³): 26
 – No. of days/year daily mean concentration of PM₁₀ exceeded 50 µg/m³ (2005 limit: 35 days/year): 3 (1 if outbreaks of African dust are excluded)

WATER

- **AVERAGE HOUSEHOLD WATER CONSUMPTION (2007)**

154 litres/inhab/day. Between 2000 and 2007, consumption increased by 0.7%

- **WATER DISTRIBUTION BY SECTOR (%) (2007)**

Households: 70.3 / Municipal and other consumption: 14.2 / Economic sectors: 15.4

- **REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)**

31.6%

- **WASTEWATER TREATMENT (2009)**

88.8% of population equivalent was provided with wastewater treatment compliant with Directive 91/271/EEC

LAND

- **BREAKDOWN BY LAND USE (%) (2006)**

Artificial surfaces: 0.9 / Agriculture: 53.0 / Forest: 45.7 / Wetlands and water bodies: 0.4

- **CHANGES IN LAND USE (%) (2000–2006)**

Artificial surfaces: 21.2 / Agriculture: -0.2 / Forest: -0.1 / Wetlands and water bodies: 0.4

- **ESTIMATED SOIL LOSS: LAND AREA AFFECTED BY EROSION (%) (2008)**

Moderate: No data / Intermediate: No data / High: No data

NATURE AND BIODIVERSITY

- **PROTECTED AREA (2009)**

629,477.3 ha (6.7% of the AC)

- **TERRESTRIAL NATURA 2000 NETWORK (2009)**

2,461,624 ha (26.1% of the AC)

- **FOREST AREA ACCORDING TO IFN 3 (HA)**

Wooded: 2,832,342 ha / Non-wooded: 1,975,389 ha

• **FOREST FIRES (2009)**

2,633 fires affecting 27,942.05 ha. Over 1999–2008, an average of 2,042 forest fires affected 27,577.38 ha per year

WASTE

• **URBAN WASTE PER INHABITANT (2008)**

- Total urban waste: 430.70 kg/inhab
- Separately collected paper/cardboard: 17.90 kg/inhab
- Separately collected glass: 16.60 kg/inhab
- Separately collected packaging: 6.32 kg/inhab

AGRICULTURE

• **ORGANIC FARMLAND (2008)**

18,912.7 ha. Growth 2001–2008: 18.3%

• **IRRIGATED AREA (2008)**

398,231 ha (7.1% of total agricultural area)

ENERGY

• **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**

Total: 4.48 / Hydroelectric: 1.63 / Thermal: 1.29 Nuclear: 0.18 / Wind: 1.23 / Other renewables: 0.15

• **ELECTRICITY CONSUMPTION PER INHABITANT IN MWH (2008)**

5.6 MWh/inhab. Growth 2000–2008: 36.4%

TOURISM

• **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**

0.39

• **HOTEL CAPACITY (2008)**

58,639 hotel beds (22.9 beds/1,000 inhab) and 22,603 beds in rural accommodation (8.8 beds/1,000 inhab)

TRANSPORT

• **VEHICLE FLEET (2008)**

1,674,967 vehicles. Growth 2000–2008: 31.4%
655.0 vehicles/1,000 inhab

• **PASSENGER CAR FLEET (2008)**

1,221,432 passenger cars. Growth 2000–2008: 26.4%
477.6 passenger cars/1,000 inhab

• **TRANSPORT NETWORK DENSITY (2008)**

Road: 34.5 km/100 km² / Rail: 2.5 km/100 km²
Road: 12.7 km/1,000 inhab / Rail: 0.9 km/1,000 inhab

• **AIR TRANSPORT (2009)**

540,763 passengers. Growth 2000–2009: 100.5%

URBAN AND INVESTMENT POLICY

• **INTERNAL EXPENDITURE ON R&D (2008)**

€739.9 million (1.26% of GDP). Growth 2000–2008: 232.09%

OTHER RELEVANT INFORMATION

- Agreement 127/2009, of 19 November, of the Regional Government of Castile-Leon, approving the Regional Sustainable Development Strategy 2009–2014 (Official Gazette of Castile-Leon, 25 November 2009).
- Agreement 128/2009, of 26 November, of the Regional Government of Castile-Leon, approving the Regional Climate Change Strategy 2009–2012–2020 (Official Gazette of Castile-Leon, 2 December 2009).

RECOMMENDED WEBSITES

- http://www.jcyl.es/web/jcyl/MedioAmbiente/es/Plantilla66y33/1246988359553/_/_/_
- http://www.jcyl.es/web/jcyl/Estadistica/es/Plantilla66y33_100/1246989398161/_/_/_

RECOMMENDED PUBLICATIONS

- Anuario estadístico de Castilla y León 2009.
- Boletín de Información Ambiental de Castilla y León.
- Boletín de difusión de la Educación Ambiental de Castilla y León.
- Boletín electrónico de la Red Centros de Información y Documentación Ambiental de los Espacios Naturales de Castilla y León (CIDA-REN).



Catalonia

Statute of Autonomy: Organic Law 6/2006, of 19 July (BOE no. 172, of 22 July 2006)
 Area: 32,113 km²
 Length of coastline: 827 km
 Capital: Barcelona Provinces: 4 Municipalities: 946
 Population (2009): 7,475,420 inhab
 Population density (2009): 232.8 inhab/km²
 Population growth (2000-2009): 19.38%
 (2008-2009): 1.51%



- **POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)**

- <2,001 inhabitants: 4.8
- 2,001–10,000 inhabitants: 13.7
- 10,001–100,000 inhabitants: 39.4
- 100,001–500,000 inhabitants: 20.3
- >500,000 inhabitants: 21.7

- **UNEMPLOYMENT RATE**

- 17.01% (Q4 2009)

- **UNEMPLOYMENT RATE (>15 YEARS)**

- [EU-27=7.0%] (2008)
- 9.0%

- **EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)**

- Agriculture: 1.9 / Industry: 19.5
- Construction: 9.5 / Services: 69.1

- **GDP MP (2008)**

- €27,914/inhab (Spanish average=100: 116.9%).
- Growth 2007–2008: 1.4%

- **GROSS DISPOSABLE HOUSEHOLD INCOME (2007)**

- €16,654/inhab. Growth 2000–2007: 39.6%

- **GVA BREAKDOWN BY SECTOR (%) (2008)**

- Agriculture: 1.4 / Industry: 21.7
- Construction: 10.0 / Services: 66.8

AIR

- **NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)**

- Urban: 33 / Suburban: 44 / Rural: 32

- **VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)**

- Annual mean concentration of NO₂ in µg/m³ (2010 limit: 40 µg/m³): 51
- No. of days/year daily mean concentration of PM₁₀ exceeded 50 µg/m³ (2005 limit: 35 days/year): 62 (55 if outbreaks of African dust are excluded)

WATER

- **AVERAGE HOUSEHOLD WATER CONSUMPTION (2007)**

- 151 litres/inhab/day. Between 2000 and 2007, consumption decreased by 18.8%

- **WATER DISTRIBUTION BY SECTOR (%) (2007)**

- Households: 63.7 / Municipal and other consumption: 5.9 / Economic sectors: 30.3

- **REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)**

- 21.0%

- **WASTEWATER TREATMENT (2009)**

- 98.9% of population equivalent was provided with wastewater treatment compliant with Directive 91/271/EEC

LAND

- **BREAKDOWN BY LAND USE (%) (2006)**

- Artificial surfaces: 4.6 / Agriculture: 39.4 / Forest: 55.4 / Wetlands and water bodies: 0.6

- **CHANGES IN LAND USE (%) (2000–2006)**

- Artificial surfaces: 6.7 / Agriculture: -0.6 / Forest: -0.1 / Wetlands and water bodies: -2.2

- **ESTIMATED SOIL LOSS: LAND AREA AFFECTED BY EROSION (%) (2009)**

- Moderate: 54.41 / Intermediate: 24.86 / High: 20.74

NATURE AND BIODIVERSITY

- **PROTECTED AREA (2009)**

- 1,057,753.9 ha (30.4% of the AC)

- **TERRESTRIAL NATURA 2000 NETWORK (2009)**
936,610.0 ha (29.9% of the AC)
- **FOREST AREA ACCORDING TO IFN 3 (HA)**
Wooded: 1,602,867 ha / Non-wooded: 328,469 ha
- **FOREST FIRES (2009)**
767 fires affecting 3,447.93 ha. Over 1999–2008, an average of 669 forest fires affected 3,671.15 ha per year

WASTE

- **URBAN WASTE PER INHABITANT (2008)**
 - Total urban waste: 580.50 kg/inhab
 - Separately collected paper/cardboard: 55.77 kg/inhab
 - Separately collected glass: 25.75 kg/inhab
 - Separately collected packaging: 15.73 kg/inhab

AGRICULTURE

- **ORGANIC FARMLAND (2008)**
62,331.0 ha. Growth 2001–2008: 22.7%
- **IRRIGATED AREA (2008)**
243,156 ha (23.4% of total agricultural area)

ENERGY

- **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**
Total: 1.57 / Hydroelectric: 0.34 / Thermal: 0.71 Nuclear: 0.43 / Wind: 0.06 / Other renewables: 0.03
- **ELECTRICITY CONSUMPTION PER INHABITANT IN MWH (2008)**
6.7 MWh/inhab. Growth 2000–2008: 24.4%

TOURISM

- **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**
1.95
- **HOTEL CAPACITY (2008)**
202,124 hotel beds (27.4 beds/1,000 inhab) and 12,092 beds in rural accommodation (1.6 beds/1,000 inhab)

TRANSPORT

- **VEHICLE FLEET (2008)**
5,004,879 vehicles. Growth 2000–2008: 25.1%
679.6 vehicles/1,000 inhab
- **PASSENGER CAR FLEET (2008)**
3,370,338 passenger cars. Growth 2000–2008: 18.2%
457.7 passenger cars/1,000 inhab
- **TRANSPORT NETWORK DENSITY (2008)**
Road: 37.1 km/100 km² / Rail: 5.7 km/100 km²
Road: 1.6 km/1,000 inhab / Rail: 0.2 km/1,000 inhab
- **AIR TRANSPORT (2009)**
34,305,349 passengers. Growth 2000–2009: 61.8%
- **PORT FREIGHT TRAFFIC (2008)**
86.89 million t. Growth 2000–2008: 42.64%

URBAN AND INVESTMENT POLICY

- **INTERNAL EXPENDITURE ON R&D (2008)**
€3.28 billion (1.61% of GDP). Growth 2000–2008: 160.38%

OTHER RELEVANT INFORMATION

- In 2009, the Regional Government of Catalonia started drafting a regional sustainable development strategy. Following extensive public participation, it was published in February 2010.

RECOMMENDED WEBSITES

- http://mediambient.gencat.cat/esp/el_departament/actuacions_i_serveis/publicacions/quaderns_ma_catalunya.jsp
- www.2026.cat

RECOMMENDED PUBLICATIONS

- Medio ambiente en Cataluña. Reports for 2007, 2008 and 2009.
- Datos del medio ambiente en Catalunya 2010.



Ceuta

Statute of Autonomy: Organic Law 2/1995, of 13 March (BOE, 14 March 1995)
 Area: 19 km²
 Length of coastline: 21 km
 Capital: Ceuta Provinces: 1 Municipalities: 1
 Population (2009): 78,674 inhab
 Population density (2009): 4,140.7 inhab/km²
 Population growth (2000-2009): 4.56%
 (2008-2009): 1.66%



- **POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)**

10,001–100,000 inhabitants: 100.0

- **UNEMPLOYMENT RATE**

24.57% (Q4 2009)

- **UNEMPLOYMENT RATE (>15 YEARS) [EU-27=7.0%] (2008)**

17.3%

- **EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)**

Agriculture: 0.4 / Industry: 5.8

Construction: 5.2 / Services: 88.6

- **GDP MP (2008)**

€22,293/inhab (Spanish average=100: 93.4%).

Growth 2007–2008: 2.6%

- **GROSS DISPOSABLE HOUSEHOLD INCOME (2007)**

€14,593/inhab. Growth 2000–2007: 54.7%

- **GVA BREAKDOWN BY SECTOR (%) (2008)**

Agriculture: 0.2 / Industry: 7.7

Construction: 8.1 / Services: 84.1

AIR

- **NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)**

No monitoring network

- **VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)**

No monitoring network

WATER (joint figure for Ceuta and Melilla)

- **AVERAGE HOUSEHOLD WATER CONSUMPTION (2007)**

135 litres/inhab/day. Between 2000 and 2007, consumption decreased by 11.8%

- **WATER DISTRIBUTION BY SECTOR (%) (2007)**

Households: 73.7 / Municipal and other consumption: 17.4 / Economic sectors: 8.9

- **REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)**

53.2%

- **WASTEWATER TREATMENT (2008)**

100% of population equivalent was provided with wastewater treatment compliant with Directive 91/271/EEC

LAND

- **BREAKDOWN BY LAND USE (%) (2006)**

Artificial surfaces: 37.2 / Forest: 62.8 / Wetlands and water bodies: 0.0

- **CHANGES IN LAND USE (%) (2000–2006)**

Artificial surfaces: 3.6 / Forest: -1.0 / Wetlands and water bodies: 0.0

NATURE AND BIODIVERSITY

- **NATURA 2000 NETWORK (2009) (joint figure for Ceuta and Melilla)**

733.8 ha (21.71% of the autonomous cities)

- **FOREST FIRES (2009)**

2 fires affecting 3.5 ha. Over 1999–2008, an average of 1 forest fire affected 2.30 ha per year

ENERGY

- **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**

Total: 0.92 / Hydroelectric: 0.00 / Thermal: 0.92 Nuclear: 0.00 / Wind: 0.00 / Other renewables: 0.00

- **ELECTRICITY CONSUMPTION PER INHABITANT IN MWH (2008)**

2.6 MWh/inhab. Growth 2000–2008: 43.1%

TOURISM

- **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**

0.0

- **HOTEL CAPACITY (2008)**

840 hotel beds (10.9 beds/1,000 inhab)

TRANSPORT

- **VEHICLE FLEET (2008)**

57,808 vehicles. Growth 2000–2008: 18.9%

747.0 vehicles/1,000 inhab

- **PASSENGER CAR FLEET (2008)**

41,673 passenger cars. Growth 2000–2008: 7.6%

538.5 passenger cars/1,000 inhab

- **TRANSPORT NETWORK DENSITY (2008)**

Road: 194.7 km/100 km² / Rail: 0.0 km/100 km²

Road: 0.5 km/1,000 inhab / Rail: 0.0 km/1,000 inhab

- **AIR TRANSPORT (2009)**

20,566 passengers. Growth 2000–2009: No data

- **PORT FREIGHT TRAFFIC (2008)**

2.82 million t. Growth 2000–2008: -2.62%

URBAN AND INVESTMENT POLICY

- **MUNICIPALITIES WITH A COUNCIL-APPROVED**

LOCAL AGENDA 21 (2008)

The city has not approved an LA21.

- **INTERNAL EXPENDITURE ON R&D (2008)**

2.4 million (0.15% of GDP).

RECOMMENDED WEBSITES

- <http://www.ceuta.es/medioambiente/>



Valencia

Statute of Autonomy: Organic Law 1/2006, of 10 April, on Reform of Organic Law 5/1982, of 1 July, on the Statute of Autonomy of Valencia
 Area: 23,255 km²
 Length of coastline: 518 km
 Capital: Valencia Provinces: 3 Municipalities: 542
 Population (2009): 5,094,675 inhab
 Population density (2009): 219.1 inhab/km²
 Population growth (2000-2009): 23.64%
 (2008-2009): 1.29%



- **POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)**

<2,001 inhabitants: 4.1
 2,001–10,000 inhabitants: 13.0
 10,001–100,000 inhabitants: 50.3
 100,001–500,000 inhabitants: 16.6
 >500,000 inhabitants: 16.0

- **UNEMPLOYMENT RATE**

22.56% (Q4 2009)

- **UNEMPLOYMENT RATE (>15 YEARS) [EU-27=7.0%] (2008)**

12.1%

- **EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)**

Agriculture: 3.1 / Industry: 15.7
 Construction: 10.8 / Services: 70.4

- **GDP MP (2008)**

€21,336/inhab (Spanish average=100: 89.4%).
 Growth 2007–2008: 0.3%

- **GROSS DISPOSABLE HOUSEHOLD INCOME (2007)**

€13,380/inhab. Growth 2000–2007: 32.7%

- **GVA BREAKDOWN BY SECTOR (%) (2008)**

Agriculture: 2.2 / Industry: 17.4
 Construction: 12.3 / Services: 68.2

AIR

- **NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)**

Urban: 19 / Suburban: 16 / Rural: 14

- **VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)**

– Annual mean concentration of NO₂ in µg/m³ (2010 limit: 40 µg/m³): 44
 – No. of days/year daily mean concentration of PM₁₀ exceeded 50 µg/m³ (2005 limit: 35 days/year): Insufficient data

WATER

- **AVERAGE HOUSEHOLD WATER CONSUMPTION (2007)**

186 litres/inhab/day. Between 2000 and 2007, consumption increased by 12.0%

- **WATER DISTRIBUTION BY SECTOR (%) (2007)**

Households: 76.9 / Municipal and other consumption: 6.5 / Economic sectors: 16.5

- **REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)**

28.0%

- **WASTEWATER TREATMENT (2009)**

95.6% of population equivalent was provided with wastewater treatment compliant with Directive 91/271/EEC

LAND

- **BREAKDOWN BY LAND USE (%) (2006)**

Artificial surfaces: 4.8 / Agriculture: 44.7 / Forest: 49.8 / Wetlands and water bodies: 0.8

- **CHANGES IN LAND USE (%) (2000–2006)**

Artificial surfaces: 17.9 / Agriculture: -1.4 / Forest: -0.2 / Wetlands and water bodies: -0.3

- **ESTIMATED SOIL LOSS: LAND AREA AFFECTED BY EROSION (%) (2009)**

Moderate: 70.12 / Intermediate: 16.04 / High: 13.83

NATURE AND BIODIVERSITY

- **PROTECTED AREA (2009)**

246,638.0 ha (10.0% of the AC)

- **TERRESTRIAL NATURA 2000 NETWORK (2009)**

871,851.0 ha (37.5% of the AC)

- **FOREST AREA ACCORDING TO IFN 3 (HA)**

Wooded: 680,169 ha / Non-wooded: 575,169 ha

• **FOREST FIRES (2009)**

437 fires affecting 2,952.88 ha. Over 1999–2008, an average of 470 forest fires affected 3,904.92 ha per year

• **HOTEL CAPACITY (2008)**

119,555 hotel beds (23.8 beds/1,000 inhab) and 8,177 beds in rural accommodation (1.6 beds/1,000 inhab)

WASTE

• **URBAN WASTE PER INHABITANT (2008)**

- Total urban waste: 386.0 kg/inhab
- Separately collected paper/cardboard: 10.0 kg/inhab
- Separately collected glass: 14.0 kg/inhab
- Separately collected packaging: 7.0 kg/inhab

AGRICULTURE

• **ORGANIC FARMLAND (2008)**

36,116.1 ha. Growth 2001–2008: 98.5%

• **IRRIGATED AREA (2008)**

335,117 ha (44.7% of total agricultural area)

ENERGY

• **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**

Total: 1.39 / Hydroelectric: 0.27 / Thermal: 0.72 Nuclear: 0.22 / Wind: 0.13 / Other renewables: 0.05

• **ELECTRICITY CONSUMPTION PER INHABITANT IN MWH (2008)**

5.5 MWh/inhab. Growth 2000–2008: 17.4%

TOURISM

• **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**

1.14

TRANSPORT

• **VEHICLE FLEET (2008)**

3,367,561 vehicles. Growth 2000–2008: 33.4%
669.5 vehicles/1,000 inhab

• **PASSENGER CAR FLEET (2008)**

2,409,333 passenger cars. Growth 2000–2008: 29.2%
479.0 passenger cars/1,000 inhab

• **TRANSPORT NETWORK DENSITY (2008)**

Road: 36.8 km/100 km² / Rail: 4.4 km/100 km²

Road: 1.7 km/1,000 inhab / Rail: 0.2 km/1,000 inhab

• **AIR TRANSPORT (2009)**

13,888,588 passengers. Growth 2000–2009: 67.3%

• **PORT FREIGHT TRAFFIC (2008)**

77.18 million t. Growth 2000–2008: 95.50%

URBAN AND INVESTMENT POLICY

• **MUNICIPALITIES WITH A COUNCIL-APPROVED LOCAL AGENDA 21 (2008)**

82 municipalities have approved an LA21, while a further 225 have started the process

• **INTERNAL EXPENDITURE ON R&D (2008)**

€1.11 billion (1.05% of GDP). Growth 2000–2008:

158.64%

OTHER RELEVANT INFORMATION

- Agreement of the Regional Government of 5 June 2009 extending the SPA network to 43 areas (722,800 terrestrial ha and 55,846 marine ha).
- Creation of the Territorial Strategy for the Autonomous Community of Valencia.

RECOMMENDED WEBSITES

- <http://www.gva.es>
- <http://www.cma.gva.es>
- <http://bdb.cma.gva.es>
- <http://icv.gva.es>
- <http://parquesnaturales.gva.es>

RECOMMENDED PUBLICATIONS

- Biodiversitat (journal). <http://www.cma.gva.es/biodiversidad>
- Reútil (journal). Magazine covering enterprise and the environment in the Autonomous Community of Valencia. <http://www.cma.gva.es/CTL>.
- La Nueva Política del Paisaje en la Comunitat Valenciana.
- Plan de Protección de la Huerta de Valencia.
- Catálogo Valenciano de Especies de Flora Amenazada.
- Estrategia Territorial de la Comunitat Valenciana.



Extremadura

Statute of Autonomy: Organic Law 1/83, of 25 February (BOE no. 49, of 26 February 1983)
 Area: 41,635 km²
 Capital: Mérida Provinces: 2 Municipalities: 383
 Population (2009): 1,102,410 inhab
 Population density (2009): 26.5 inhab/km²
 Population growth (2000-2009): 3.08% (2008-2009): 0.43%



- **POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)**

<2,001 inhabitants: 19.8
 2,001–10,000 inhabitants: 31.0
 10,001–100,000 inhabitants: 35.8
 100,001–500,000 inhabitants: 13.5
 >500,000 inhabitants: 0.0

- **UNEMPLOYMENT RATE**

21.26% (Q4 2009)

- **UNEMPLOYMENT RATE (>15 YEARS) [EU-27=7.0%] (2008)**

15.2%

- **EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)**

Agriculture: 10.9 / Industry: 10.3
 Construction: 10.6 / Services: 68.2

- **GDP MP (2008)**

€16,714/inhab (Spanish average=100: 70.0%).
 Growth 2007–2008: 3.4%

- **GROSS DISPOSABLE HOUSEHOLD INCOME (2007)**

11,765/inhab. Growth 2000–2007: 56.0%

- **GVA BREAKDOWN BY SECTOR (%) (2008)**

Agriculture: 7.8 / Industry: 10.5
 Construction: 16.1 / Services: 65.7

AIR

- **NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)**

Urban: 0 / Suburban: 4 / Rural: 2

- **VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)**

– Annual mean concentration of NO₂ in µg/m³ (2010 limit: 40 µg/m³): 11
 – No. of days/year daily mean concentration of PM₁₀ exceeded 50 µg/m³ (2005 limit: 35 days/year): 2 (1 if outbreaks of African dust are excluded)

WATER

- **AVERAGE HOUSEHOLD WATER CONSUMPTION (2007)**

187 litres/inhab/day. Between 2000 and 2007, consumption increased by 19.9%

- **WATER DISTRIBUTION BY SECTOR (%) (2007)**

Households: 74.2 / Municipal and other consumption: 11.0 / Economic sectors: 14.8

- **REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)**

28.0%

- **WASTEWATER TREATMENT (2009)**

94% of population equivalent was provided with wastewater treatment compliant with Directive 91/271/EEC

LAND

- **BREAKDOWN BY LAND USE (%) (2006)**

Artificial surfaces: 0.7 / Agriculture: 55.4 / Forest: 42.2 / Wetlands and water bodies: 1.7

- **CHANGES IN LAND USE (%) (2000–2006)**

Artificial surfaces: 9.3 / Agriculture: 0.8 / Forest: -1.25 / Wetlands and water bodies: 2.7

- **ESTIMATED SOIL LOSS: LAND AREA AFFECTED BY EROSION (%) (2009)**

Moderate: 83.75 / Intermediate: 9.81 / High: 6.44

NATURE AND BIODIVERSITY

- **PROTECTED AREA (2009)**

313,813.9 ha (7.5% of the AC)

- **TERRESTRIAL NATURA 2000 NETWORK (2009)**

1,257,691 ha (30.2% of the AC)

- **FOREST AREA ACCORDING TO IFN 3 (HA)**

Wooded: 1,819,814 ha / Non-wooded: 907,418 ha

• **FOREST FIRES (2009)**

1,006 fires affecting 4,680.99 ha. Over 1999–2008, an average of 1,115 forest fires affected 12,558.81 ha per year

WASTE

• **URBAN WASTE PER INHABITANT (2008)**

- Total urban waste: 503.0 kg/inhab
- Separately collected paper/cardboard: 9.8 kg/inhab
- Separately collected glass: 9.5 kg/inhab
- Separately collected packaging: 9.7 kg/inhab

AGRICULTURE

• **ORGANIC FARMLAND (2008)**

85,805.6 ha. Growth 2001–2008: -50.4%

• **IRRIGATED AREA (2008)**

237,334 ha (7.5% of total agricultural area)

ENERGY

• **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**

Total: 4.11 / Hydroelectric: 1.97 / Thermal: 0.01 Nuclear: 1.78 / Wind: 0.00 / Other renewables: 0.34

• **ELECTRICITY CONSUMPTION PER INHABITANT IN MWH (2008)**

4.2 MWh/inhab. Growth 2000–2008: 59.2%

TOURISM

• **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**

0.2

• **HOTEL CAPACITY (2008)**

16,950 hotel beds (15.4 beds/1,000 inhab) and 4,886 beds in rural accommodation (4.5 beds/1,000 inhab)

TRANSPORT

• **VEHICLE FLEET (2008)**

728,195 vehicles. Growth 2000–2008: 40.6%
663.4 vehicles/1,000 inhab

• **PASSENGER CAR FLEET (2008)**

525,236 passenger cars. Growth 2000–2008: 36.9%
478.5 passenger cars/1,000 inhab

• **TRANSPORT NETWORK DENSITY (2008)**

Road: 21.7 km/100 km² / Rail: 1.8 km/100 km²
Road: 8.2 km/1,000 inhab / Rail: 0.7 km/1,000 inhab

• **AIR TRANSPORT (2009)**

75,353 passengers. Growth 2000–2009: 139.0%

URBAN AND INVESTMENT POLICY

• **INTERNAL EXPENDITURE ON R&D (2008)**

€156.4 million (0.86% of GDP). Growth 2000–2008: 176.63%

OTHER RELEVANT INFORMATION

- Launch of Extremadura's Climate Change Strategy 2009–2012, which resulted in creation of the Climate Change Observatory, the aim of which is to co-ordinate policy related to GHG emissions.
- Adoption of the Agreement for Sustainable Energy Development in Extremadura 2009–2012.
- Production of the Informe Ambiental 2008 on the state of the environment in Extremadura.
- Approval of Decree 18/2009, of 6 February, simplifying the administrative application and approval process for low-environmental-impact activities.

Plans drawn up in 2009 to protect the region's natural heritage include:

- Production of Extremadura's Integrated Waste Plan 2009–2015.
- Use and Management Master Plan for the Llanos de Cáceres and Sierra de Fuentes Area of Regional Interest
- Use and Management Master Plan for the Sierra de San Pedro Area of Regional Interest Management Plan for the Llanos and Complejo Lagunar de La Albuera Special Protection Area

RECOMMENDED WEBSITES

- www.extremambiente.es
- www.industriaextremadura.es

RECOMMENDED PUBLICATIONS

- Estrategia de Cambio Climático de Extremadura (2009-2012).
- Informe Ambiental 2008.



Galicia

Statute of Autonomy: Organic Law 1/81, of 6 April (BOE no. 101, of 28 April 1981)
 Area: 29,574 km²
 Length of coastline: 1,498 km
 Capital: Santiago de Compostela Provinces: 4 Municipalities: 315
 Population (2009): 2,796,089 hab
 Population density (2009): 94.5 hab/km²
 Population growth (2000-2009): 2.35% (2008-2009): 0.43%



- **POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)**

<2,001 inhabitants: 4.5
 2,001–10,000 inhabitants: 26.8
 10,001–100,000 inhabitants: 45.3
 100,001–500,000 inhabitants: 23.3
 >500,000 inhabitants: 0.0

- **UNEMPLOYMENT RATE**

12.88% (Q4 2009)

- **UNEMPLOYMENT RATE (>15 YEARS)**

[EU-27=7.0%] (2008)
 8.7%

- **EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)**

Agriculture: 7.8 / Industry: 16.1
 Construction: 10.3 / Services: 65.9

- **GDP MP (2008)**

€20,572/inhab (Spanish average=100: 86.2%).
 Growth 2007–2008: 3.7%

- **GROSS DISPOSABLE HOUSEHOLD INCOME (2007)**

€13,687/inhab. Growth 2000–2007: 55.7%

- **GVA BREAKDOWN BY SECTOR (%) (2008)**

Agriculture: 4.4 / Industry: 19.0
 Construction: 13.2 / Services: 63.3

AIR

- **NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)**

Urban: 11 / Suburban: 7 / Rural: 14

- **VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)**

– Annual mean concentration of NO₂ in µg/m³ (2010 limit: 40 µg/m³): 15
 – No. of days/year daily mean concentration of PM₁₀ exceeded 50 µg/m³ (2005 limit: 35 days/year): 8 (2 if outbreaks of African dust are excluded)

WATER

- **AVERAGE HOUSEHOLD WATER CONSUMPTION (2007)**

143 litres/inhab/day. Between 2000 and 2007, consumption increased by 11.7%

- **WATER DISTRIBUTION BY SECTOR (%) (2007)**

Households: 66.6 / Municipal and other consumption: 17.1 / Economic sectors: 16.2

- **REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)**

24.5%

- **WASTEWATER TREATMENT (2009)**

78% of population equivalent was provided with wastewater treatment compliant with Directive 91/271/EEC

LAND

- **BREAKDOWN BY LAND USE (%) (2006)**

Artificial surfaces: 1.7 / Agriculture: 36.9 / Forest: 60.5 / Wetlands and water bodies: 0.8

- **CHANGES IN LAND USE (%) (2000–2006)**

Artificial surfaces: 5.2 / Agriculture: 0.0 / Forest: -0.2 / Wetlands and water bodies: 0.1

- **ESTIMATED SOIL LOSS: LAND AREA AFFECTED BY EROSION (%) (2008)**

Moderate: 74.34 / Intermediate: 13.06 / High: 12.61

NATURE AND BIODIVERSITY

- **PROTECTED AREA (2009)**

398,823.4 ha (12.1% of the AC)

- **TERRESTRIAL NATURA 2000 NETWORK (2009)**

345,720.1 ha (11.7% of the AC)

• **FOREST AREA ACCORDING TO IFN 3 (HA)**

Wooded: 1,299,621 ha / Non-wooded: 739,953 ha

• **FOREST FIRES (2009)**

3,979 fires affecting 10,594.37 ha. Over 1999–2008, an average of 8,578 forest fires affected 31,965.08 ha per year

WASTE

• **URBAN WASTE PER INHABITANT (2008)**

- Total urban waste: 479.8 kg/inhab
- Separately collected paper/cardboard: 17.03 kg/inhab
- Separately collected glass: 13.55 kg/inhab
- Separately collected packaging: 65.56 kg/inhab

AGRICULTURE

• **ORGANIC FARMLAND (2008)**

12,895.1 ha. Growth 2001–2008: 553.1%

• **IRRIGATED AREA (2008)**

29,518 ha (3.4% of total agricultural area)

ENERGY

• **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**

Total: 3.85 / Hydroelectric: 1.13 / Thermal: 1.57 Nuclear: 0.00 / Wind: 1.09 / Other renewables: 0.04

• **ELECTRICITY CONSUMPTION PER INHABITANT IN MWH (2008)**

7.2 MWh/inhab. Growth 2000–2008: 32.4%

TOURISM

• **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**

0.34

HOTEL CAPACITY (2008)

60,646 hotel beds (21.8 beds/1,000 inhab) and 5,964 beds in rural accommodation (2.1 beds/1,000 inhab)

TRANSPORT

• **VEHICLE FLEET (2008)**

1,896,594 vehicles. Growth 2000–2008: 32.0%
681.2 vehicles/1,000 inhab

• **PASSENGER CAR FLEET (2008)**

1,467,472 passenger cars. Growth 2000–2008: 28.0%
527.1 passenger cars/1,000 inhab

• **TRANSPORT NETWORK DENSITY (2008)**

Road: 59.3 km/100 km² / Rail: 3.7 km/100 km²
Road: 6.3 km/1,000 inhab / Rail: 0.4 km/1,000 inhab

• **AIR TRANSPORT (2009)**

4,116,014 passengers. Growth 2000–2009: 55.7%

• **PORT FREIGHT TRAFFIC (2008)**

35.71 million t. Growth 2000–2008: 19.20%

URBAN AND INVESTMENT POLICY

• **MUNICIPALITIES WITH A COUNCIL-APPROVED LOCAL AGENDA 21 (2008)**

93 municipalities have already implemented LA21 and are carrying out Action Plan projects

• **INTERNAL EXPENDITURE ON R&D (2008)**

€584.2 million (1.04% of GDP). Growth 2000–2008: 178.92%

RECOMMENDED WEBSITES

- <http://xunta.es/>
- <http://www.inega.es/>
- <http://sirga.medioambiente.xunta.es>
- <http://www.siam.medioambiente.xunta.es/>
- <http://www.ige.eu>
- <http://medioambiente.xunta.es/>
- <http://mediorural.xunta.es/>
- <http://augasdegalicia.xunta.es>

RECOMMENDED PUBLICATIONS

- http://www.siam.medioambiente.xunta.es/siam/index_indicadores.jsp
- <http://www.siam-cma.org/publicacions/>
- <http://www.csbg.org/catalogo/>



Rioja

Statute of Autonomy: Organic Law 3/82, of 9 June (BOE no. 146, of 19 June 1982)
 Area: 5,045 km²
 Capital: Logroño Provinces: 1 Municipalities: 174
 Population (2009): 321,702 inhab
 Population density (2009): 63.8 inhab/km²
 Population growth (2000-2009): 21.77%
 (2008-2009): 1.32%



- **POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)**

<2,001 inhabitants: 13.2
 2,001–10,000 inhabitants: 23.5
 10,001–100,000 inhabitants: 16.0
 100,001–500,000 inhabitants: 47.3
 >500,000 inhabitants: 0.0

- **UNEMPLOYMENT RATE**

13.67% (Q4 2009)

- **UNEMPLOYMENT RATE (>15 YEARS)**

[EU-27=7.0%] (2008)
 7.8%

- **EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)**

Agriculture: 4.9 / Industry: 23.2
 Construction: 11.1 / Services: 60.8

- **GDP MP (2008)**

€25,621/inhab (Spanish average=100: 107.3%).
 Growth 2007–2008: 2.5%

- **GROSS DISPOSABLE HOUSEHOLD INCOME (2007)**

€15,709/inhab. Growth 2000–2007: 31.5%

- **GVA BREAKDOWN BY SECTOR (%) (2008)**

Agriculture: 6.6 / Industry: 25.8
 Construction: 11.2 / Services: 56.4

AIR

- **NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)**

Urban: 1 / Suburban: 0 / Rural: 4

- **VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)**

– Annual mean concentration of NO₂ in µg/m³ (2010 limit: 40 µg/m³): 19
 – No. of days/year daily mean concentration of PM₁₀ exceeded 50 µg/m³ (2005 limit: 35 days/year): 5 (2 if outbreaks of African dust are excluded)

WATER

- **AVERAGE HOUSEHOLD WATER CONSUMPTION (2007)**

152 litres/inhab/day. Between 2000 and 2007, consumption decreased by 18.3%

- **WATER DISTRIBUTION BY SECTOR (%) (2007)**

Households: 55.1 / Municipal and other consumption: 10.7 / Economic sectors: 34.2

- **REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)**

25.5%

- **WASTEWATER TREATMENT (2009)**

96% of population equivalent was provided with wastewater treatment compliant with Directive 91/271/EEC

LAND

- **BREAKDOWN BY LAND USE (%) (2006)**

Artificial surfaces: 1.2 / Agriculture: 41.8 / Forest: 56.7 / Wetlands and water bodies: 0.4

- **CHANGES IN LAND USE (%) (2000–2006)**

Artificial surfaces: 22.4 / Agriculture: -0.5 / Forest: -0.1 / Wetlands and water bodies: 2.1

- **ESTIMATED SOIL LOSS: LAND AREA AFFECTED BY EROSION (%) (2008)**

Moderate: 65.84 / Intermediate: 20.43 / High: 13.72

NATURE AND BIODIVERSITY

- **PROTECTED AREA (2009)**

166,418.4 ha (33.0% of the AC)

- **TERRESTRIAL NATURA 2000 NETWORK (2009)**

167,473 ha (33.2% of the AC)

• **WETLANDS INCLUDED IN THE SPANISH WETLANDS INVENTORY (FEBRUARY 2010)**

49 wetlands (754.6 ha)

• **FOREST AREA ACCORDING TO IFN 3 (HA)**

Wooded: 163,206 ha / Non-wooded: 138,270 ha

• **FOREST FIRES (2009)**

104 fires affecting 346.28 ha. Over 1999–2008, an average of 104 forest fires affected 139.23 ha per year

WASTE

• **URBAN WASTE PER INHABITANT (2008)**

- Total urban waste: 419.9 kg/inhab
- Separately collected paper/cardboard: 29.8 kg/inhab
- Separately collected glass: 21.62 kg/inhab
- Separately collected packaging: 14.1 kg/inhab

AGRICULTURE

• **ORGANIC FARMLAND (2008)**

8,626.7 ha. Growth 2001–2008: 266.0%

• **IRRIGATED AREA (2008)**

45,963 ha (20.9% of total agricultural area)

ENERGY

• **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**

Total: 4.30 / Hydroelectric: 0.08 / Thermal: 2.67 Nuclear: 0.00 / Wind: 1.31 / Other renewables: 0.23

• **ELECTRICITY CONSUMPTION PER INHABITANT IN MWH (2008)**

5.6 MWh/inhab. Growth 2000–2008: 17.8%

TOURISM

• **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**

0.2

• **HOTEL CAPACITY (2008)**

6,015 hotel beds (18.9 beds/1,000 inhab) and 811 beds in rural accommodation (2.6 beds/1,000 inhab)

TRANSPORT

• **VEHICLE FLEET (2008)**

193,079 vehicles. Growth 2000–2008: 34.1%
608.1 vehicles/1,000 inhab

• **PASSENGER CAR FLEET (2008)**

130,480 passenger cars. Growth 2000–2008: 28.4%
411.0 passenger cars/1,000 inhab

• **TRANSPORT NETWORK DENSITY (2008)**

Road: 37.4 km/100 km² / Rail: 2.2 km/100 km²
Road: 5.9 km/1,000 inhab / Rail: 0.3 km/1,000 inhab

• **AIR TRANSPORT (2009)**

35,664 passengers. Growth 2000–2009: No data

URBAN AND INVESTMENT POLICY

• **MUNICIPALITIES WITH A COUNCIL-APPROVED LOCAL AGENDA 21 (2008)**

7 have already implemented LA21 and are carrying out Action Plan projects

• **INTERNAL EXPENDITURE ON R&D (2008)**

€81.0 million (1.00% of GDP). Growth 2000–2008: 192.76%

RECOMMENDED WEBSITES

- <http://www.larioja.org/>

RECOMMENDED PUBLICATIONS

- Estrategia Regional frente al Cambio Climático 2008-2012
- Plan Director de Saneamiento y Depuración 2007-2015 de la Comunidad Autónoma de La Rioja
- Plan Director de abastecimiento de agua a poblaciones de la Comunidad Autónoma de La Rioja 2002-2015
- Plan Director de Residuos 2007-2015
- Plan estratégico de conservación del Medio Natural en La Rioja – Plan Forestal de La Rioja
- Mapa de lepidópteros de La Rioja
- Mapa de áreas de interés especial de especies protegidas de Flora de La Rioja
- Inventario de lepidópteros de La Rioja (1995–2001)
- Inventario de flora vascular silvestre de La Rioja (1997–1999).



Madrid

Statute of Autonomy: Organic Law 3/83, of 25 February (BOE 51, 1 March 1983)

Area: 8,028 km²

Capital: Madrid Provinces: 1 Municipalities: 179

Population (2009): 6,386,932 inhab

Population density (2009): 795.6 inhab/km²

Population growth (2000-2009): 22.70%

(2008-2009): 1.84%



• POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)

- <2,001 inhabitants: 0.7
- 2,001–10,000 inhabitants: 5.1
- 10,001–100,000 inhabitants: 20.2
- 100,001–500,000 inhabitants: 23.1
- >500,000 inhabitants: 51.0

• UNEMPLOYMENT RATE

14.68% (Q4 2009)

• UNEMPLOYMENT RATE (>15 YEARS)

[EU-27=7.0%] (2008)

8.7%

• EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)

Agriculture: 0.5 / Industry: 9.8
Construction: 7.9 / Services: 81.8

• GDP MP (2008)

€30,998/inhab (Spanish average=100: 129.8%).
Growth 2007–2008: 1.4%

• GROSS DISPOSABLE HOUSEHOLD INCOME (2007)

€17,666/inhab. Growth 2000–2007: 38.2%

• GVA BREAKDOWN BY SECTOR (%) (2008)

Agriculture: 0.2 / Industry: 13.3
Construction: 10.1 / Services: 76.5

AIR

• NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)

Urban: 37 / Suburban: 5 / Rural: 6

• VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)

- Annual mean concentration of NO₂ in µg/m³ (2010 limit: 40 µg/m³): 51
- No. of days/year daily mean concentration of PM₁₀ exceeded 50 µg/m³ (2005 limit: 35 days/year): 20 (9 if outbreaks of African dust are excluded)

WATER

• AVERAGE HOUSEHOLD WATER CONSUMPTION (2007)

150 litres/inhab/day. Between 2000 and 2007, consumption decreased by 14.8%

• WATER DISTRIBUTION BY SECTOR (%) (2007)

Households: 71.2 / Municipal and other consumption: 10.0 / Economic sectors: 18.8

• REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)

18.8%

• WASTEWATER TREATMENT (2009)

100% of population equivalent was provided with wastewater treatment compliant with Directive 91/271/EEC

LAND

• BREAKDOWN BY LAND USE (%) (2006)

Artificial surfaces: 13.7 / Agriculture: 36.8 / Forest: 48.6 / Wetlands and water bodies: 0.8

• CHANGES IN LAND USE (%) (2000–2006)

Artificial surfaces: 18.12 / Agriculture: -4.2 / Forest: -1.1 / Wetlands and water bodies: 1.7

• ESTIMATED SOIL LOSS: LAND AREA AFFECTED BY EROSION (%) (2008)

Moderate: 81.28 / Intermediate: 10.89 / High: 7.83

NATURE AND BIODIVERSITY

• PROTECTED AREA (2009)

110,144.2 ha (13.7% of the AC)

• TERRESTRIAL NATURA 2000 NETWORK (2009)

319,821 ha (39.9% of the AC)

• WETLANDS INCLUDED IN THE SPANISH WETLANDS INVENTORY (FEBRUARY 2010)

23 wetlands (928.6 ha)

- **FOREST AREA ACCORDING TO IFN 3 (HA)**
Wooded: 244,869 ha / Non-wooded: 175,224 ha
- **FOREST FIRES (2009)**
326 fires affecting 324.31 ha. Over 1999–2008, an average of 306 forest fires affected 1,451.33 ha per year

WASTE

- **URBAN WASTE PER INHABITANT (2008)**
 - Total urban waste: 556.17 kg/inhab
 - Separately collected paper/cardboard: 26.01 kg/inhab
 - Separately collected glass: 13.39 kg/inhab
 - Separately collected packaging: 22.06 kg/inhab

AGRICULTURE

- **ORGANIC FARMLAND (2008)**
5,116.1 ha. Growth 2001–2008: 167.1%
- **IRRIGATED AREA (2008)**
14,694 ha (4.8% of total agricultural area)

ENERGY

- **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**
Total: 0.08 / Hydroelectric: 0.02 / Thermal: 0.04 Nuclear: 0.00 / Wind: 0.00 / Other renewables: 0.02
- **ELECTRICITY CONSUMPTION PER INHABITANT IN MWH (2008)**
5.0 MWh/inhab. Growth 2000–2008: 19.6%

TOURISM

- **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**
0.74

- **HOTEL CAPACITY (2008)**
92,507 hotel beds (14.8 beds/1,000 inhab) and 3,146 beds in rural accommodation (0.5 beds/1,000 inhab)

TRANSPORT

- **VEHICLE FLEET (2008)**
4,410,056 vehicles. Growth 2000–2008: 28.6%
703.2 vehicles/1,000 inhab
- **PASSENGER CAR FLEET (2008)**
3,375,924 passenger cars. Growth 2000–2008: 21.0%
538.3 passenger cars/1,000 inhab
- **TRANSPORT NETWORK DENSITY (2008)**
Road: 42.2 km/100 km² / Rail: 8.7 km/100 km²
Road: 0.5 km/1,000 inhab / Rail: 0.1 km/1,000 inhab
- **AIR TRANSPORT (2009)**
48,297,460 passengers. Growth 2000–2009: 46.5%

URBAN AND INVESTMENT POLICY

- **MUNICIPALITIES WITH A COUNCIL-APPROVED LOCAL AGENDA 21 (2008)**
81 (14 of which have approved an LA21 and 24 of which have already adopted and are implementing Action Plan projects). In addition, 26 municipalities have completed the LA21 diagnosis and 17 have drawn up action plans (pending ratification).
- **INTERNAL EXPENDITURE ON R&D (2008)**
€3.89 billion (2.00% of GDP). Growth 2000–2008: 122.16%

OTHER RELEVANT INFORMATION

- Access to environmental information about the Autonomous Community of Madrid and related environmental indicators (updated annually): www.madrid.org → Consejerías → Consejería de Medio Ambiente, Vivienda y Ordenación del Territorio → Medio Ambiente para ciudadanos.
- E-government service providing the public with information about the environment in the Autonomous Community of Madrid in accordance with Law 11/2007: electronic processing of environment-related application and approval procedures (waste, hunting and fishing, environmental information, etc)
- Directory of Environmental Legislation (RLMA): summaries of the main regulations and electronic delivery of monthly newsletters describing the latest legislative updates (free subscription)
- Environmental newsletter: contains pertinent environmental information and details about environment-related events and activities in the Autonomous Community of Madrid (free subscription)

RECOMMENDED WEBSITES

- <http://www.madrid.org>
- http://www.wmadrid.org/rlma_web
- <http://gestionamadrid.org/aireinternet>
- <http://www.madrid.org/cartografia>
- <http://www.madrid.org/iestadis>

RECOMMENDED PUBLICATIONS

- El Medio Ambiente en la Comunidad de Madrid 2006 – 2007.



Melilla

Statute of Autonomy: Organic Law 2/1995, of 13 March (BOE of 14 March 1995)
 Area: 13 km²
 Length of coastline: 9 km
 Capital: Melilla Provinces: 1 Municipalities: 1
 Population (2009): 73,460 inhab
 Population density (2009): 5,650.8 inhab/km²
 Population growth (2000-2009): 10.86%
 (2008-2009): 2.82%



- **POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)**

<2,001 inhabitants: 0.0
 2,001–10,000 inhabitants: 0.0
 10,001–100,000 inhabitants: 100.0
 100,001–500,000 inhabitants: 0.0
 >500,000 inhabitants: 0.0

- **UNEMPLOYMENT RATE**

21.68% (Q4 2009)

- **UNEMPLOYMENT RATE (>15 YEARS)**

[EU-27=7.0%] (2008)
 20.7%

- **EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)**

Agriculture: 0.0 / Industry: 1.8
 Construction: 10.3 / Services: 87.9

- **GDP MP (2008)**

€21,570/inhab (Spanish average=100: 90.3%).
 Growth 2007–2008: 2.2%

- **GROSS DISPOSABLE HOUSEHOLD INCOME (2007)**

€14,417/inhab. Growth 2000–2007: 52.1%

- **GVA BREAKDOWN BY SECTOR (%) (2008)**

Agriculture: 0.7 / Industry: 4.7
 Construction: 9.8 / Services: 84.8

AIR

- **NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)**

No monitoring network

- **VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)**

No monitoring network. However, air quality is assessed by the MARM's mobile laboratory at regular intervals.

LAND (joint figure for Ceuta and Melilla)

- **BREAKDOWN BY LAND USE (%) (2006)**

Artificial surfaces: 53.7 / Agriculture: 27.0 / Forest: 19.2 /
 Wetlands and water bodies: 0.0

- **CHANGES IN LAND USE (%) (2000–2006)**

Artificial surfaces: 170.1 / Agriculture: -0.4 / Forest: 0.0 /
 Wetlands and water bodies: 0.0

WATER (joint figure for Ceuta and Melilla)

- **AVERAGE HOUSEHOLD WATER CONSUMPTION (2007)**

135 litres/inhab/day. Between 2000 and 2007, consumption decreased by 11.8%

- **WATER DISTRIBUTION BY SECTOR (%) (2007)**

Households: 73.7 / Municipal and other consumption: 17.4 / Economic sectors: 8.9

- **REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)**

53.2%

- **WASTEWATER TREATMENT (2008)**

100% of population equivalent was provided with wastewater treatment compliant with Directive 91/271/EEC

NATURE AND BIODIVERSITY

- **NATURA 2000 NETWORK (2009) (JOINT FIGURE FOR CEUTA AND MELILLA)**

733.8 ha (21.71% of the autonomous cities)

- **FOREST FIRES (2009)**

No fires in 2009, nor were there any between 1999 and 2008

ENERGY

- **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**

Total: 1.23 / Hydroelectric: 0.00 / Thermal: 1.19 Nuclear: 0.00 / Wind: 0.00 / Other renewables: 0.04

- **ELECTRICITY CONSUMPTION PER INHABITANT IN MWH (2008)**

2.7 MWh/inhab. Growth 2000–2008: 50.9%

TOURISM

- **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**

0.0

- **HOTEL CAPACITY (2008)**

844 hotel beds (11.8 beds/1,000 inhab)

TRANSPORT

- **VEHICLE FLEET (2008)**

53,440 vehicles. Growth 2000–2008: 45.9%

748.0 vehicles/1,000 inhab

- **PASSENGER CAR FLEET (2008)**

37,343 passenger cars. Growth 2000–2008: 38.5%

522.7 passenger cars/1,000 inhab

- **TRANSPORT NETWORK DENSITY (2008)**

Road: 200.0 km/100 km² / Rail: 0.0 km/100 km²

Road: 0.4 km/1,000 inhab / Rail: 0.0 km/1,000 inhab

- **AIR TRANSPORT (2009)**

293,692 passengers. Growth 2000–2009: 11.4%

- **PORT FREIGHT TRAFFIC (2008)**

0.77 million t. Growth 2000–2008:

-3.99%

URBAN AND INVESTMENT POLICY

- **MUNICIPALITIES WITH A COUNCIL-APPROVED LOCAL AGENDA 21 (2008)**

1 municipality implementing Action Plan projects

- **INTERNAL EXPENDITURE ON R&D (2008)**

€3.9 million (0.26% of GDP)

RECOMMENDED WEBSITES

- <http://www.melilla.es/melillaportal>



Murcia

Statute of Autonomy: Organic Law 4/82, of 9 June (BOE no. 146, of 19 June 1982)
 Area: 11,313 km²
 Length of coastline: 274 km (290 km including Mar Menor and islands)
 Capital: Murcia Provinces: 1 Municipalities: 45
 Population (2009): 1,446,520 inhab
 Population density (2009): 127.9 inhab/km²
 Population growth (2000-2009): 25.86% (2008-2009): 1.43%



- **POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)**

- <2,001 inhabitants: 0.4
- 2,001–10,000 inhabitants: 4.1
- 10,001–100,000 inhabitants: 50.6
- 100,001–500,000 inhabitants: 44.9
- >500,000 inhabitants: 0.0

- **UNEMPLOYMENT RATE**

- 22.47% (Q4 2009)

- **UNEMPLOYMENT RATE (>15 YEARS)**

- [EU-27=7.0%] (2008)
- 12.6%

- **EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)**

- Agriculture: 10.7 / Industry: 12.9
- Construction: 9.9 / Services: 66.6

- **GDP MP (2008)**

- €19,541/inhab (Spanish average=100: 81.9%).
- Growth 2007–2008: 0.7%

- **GROSS DISPOSABLE HOUSEHOLD INCOME (2007)**

- €11,985/inhab. Growth 2000–2007: 37.2%

- **GVA BREAKDOWN BY SECTOR (%) (2008)**

- Agriculture: 5.5 / Industry: 15.9
- Construction: 11.9 / Services: 66.7

AIR

- **NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)**

- Urban: 2 / Suburban: 5 / Rural: 1

- **VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)**

- Annual mean concentration of NO₂ in µg/m³ (2010 limit: 40 µg/m³): 29
- No. of days/year daily mean concentration of PM₁₀ exceeded 50 µg/m³ (2005 limit: 35 days/year): 4 (4 if outbreaks of African dust are excluded)

WATER

- **AVERAGE HOUSEHOLD WATER CONSUMPTION (2007)**

- 166 litres/inhab/day. Between 2000 and 2007, consumption increased by 14.5%

- **WATER DISTRIBUTION BY SECTOR (%) (2007)**

- Households: 72.6 / Municipal and other consumption: 7.4 / Economic sectors: 19.9

- **REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)**

- 21.6%

- **WASTEWATER TREATMENT (2009)**

- 84% of population equivalent was provided with wastewater treatment compliant with Directive 91/271/EEC

LAND

- **BREAKDOWN BY LAND USE (%) (2006)**

- Artificial surfaces: 3.1 / Agriculture: 56.6 / Forest: 38.9 / Wetlands and water bodies: 1.5

- **CHANGES IN LAND USE (%) (2000–2006)**

- Artificial surfaces: 26.3 / Agriculture: -0.6 / Forest: -0.7 / Wetlands and water bodies: 0.1

- **ESTIMATED SOIL LOSS: LAND AREA AFFECTED BY EROSION (%) (2008)**

- Moderate: 66.41 / Intermediate: 18.13 / High: 15.46

NATURE AND BIODIVERSITY

- **PROTECTED AREA (2009)**

- 339,126.9 ha (6.9% of the AC)

- **TERRESTRIAL NATURA 2000 NETWORK (2009)**

- 264,943.8 ha (23.4% of the AC)

- **FOREST AREA ACCORDING TO IFN 3 (HA)**

- Wooded: 289,435 ha / Non-wooded: 196,585 ha

• **FOREST FIRES (2009)**

120 fires affecting 202.00 ha. Over 1999–2008, an average of 137 forest fires affected 163.21 ha per year

• **HOTEL CAPACITY (2008)**

17,729 hotel beds (12.4 beds/1,000 inhab) and 2,721 beds in rural accommodation (1.9 beds/1,000 inhab)

WASTE

• **URBAN WASTE PER INHABITANT (2008)**

- Total urban waste: 526.93 kg/inhab
- Separately collected paper/cardboard: 15.51 kg/inhab
- Separately collected glass: 12.61 kg/inhab
- Separately collected packaging: 8.28 kg/inhab

TRANSPORT

• **VEHICLE FLEET (2008)**

973,855 vehicles. Growth 2000–2008: 44.6%
682.9 vehicles/1,000 inhab

AGRICULTURE

• **ORGANIC FARMLAND (2008)**

37,599.7 ha. Growth 2001–2008: 121.0%

• **IRRIGATED AREA (2008)**

170,307 ha (35.2% of total agricultural area)

• **PASSENGER CAR FLEET (2008)**

682,917 passenger cars. Growth 2000–2008: 39.3%
478.9 passenger cars/1,000 inhab

ENERGY

• **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**

Total: 3.33 / Hydroelectric: 0.03 / Thermal: 3.02 Nuclear: 0.00 / Wind: 0.11 / Other renewables: 0.19

• **ELECTRICITY CONSUMPTION PER INHABITANT IN MWH (2008)**

5.8 MWh/inhab. Growth 2000–2008: 31.2%

• **TRANSPORT NETWORK DENSITY (2008)**

Road: 33.2 km/100 km² / Rail: 2.5 km/100 km²
Road: 2.6 km/1,000 inhab / Rail: 0.2 km/1,000 inhab

• **AIR TRANSPORT (2009)**

1,630,521 passengers. Growth 2000–2009: 941.6%

• **PORT FREIGHT TRAFFIC (2008)**

25.76 million t. Growth 2000–2008: 48.02%

TOURISM

• **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**

0.56

URBAN AND INVESTMENT POLICY

• **INTERNAL EXPENDITURE ON R&D (2008)**

€243.5 million (0.86% of GDP). Growth 2000–2008: 133.67%

RECOMMENDED WEBSITES

- <http://www.murcianatural.carm.es>

RECOMMENDED PUBLICATIONS

- Excursiones por el Mar Menor y Campo de Cartagena (Monograph)
- Murcia enclave ambiental (Monograph, 2008)
- Darwin y De la Espada Dos vidas paralelas Los caminos de la Evolución (Monograph)
- Corrección de tendidos eléctricos peligrosos en ZEPA de la Región de Murcia III (Brochure)
- Aulas de la Naturaleza 2009–2010 (Brochure)
- Guía básica de fauna y flora Embalse del Quípar (Brochure)
- Servicio de Atención al Visitante de los Espacios Naturales Protegidos de la R. M. (Brochure)
- Centro de recuperación de fauna El Valle I (Brochure)
- Replant: Plan de restauración de zonas incendiadas en la Comarca del Noroeste (Brochure)



Navarre

Statute of Autonomy: Organic Law 13/82, of 10 August, on reincorporation and revision of the system of regional government of Navarre
 Area: 10,390 km²
 Capital: Pamplona Provinces: 1 Municipalities: 272
 Population (2009): 630,578 inhab
 Population density (2009): 60.7 inhab/km²
 Population growth (2000-2009): 15.97%
 (2008-2009): 1.64%



- **POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)**

<2,001 inhabitants: 14.5
 2,001–10,000 inhabitants: 30.8
 10,001–100,000 inhabitants: 23.2
 100,001–500,000 inhabitants: 31.5
 >500,000 inhabitants: 0.0

- **UNEMPLOYMENT RATE**

10.53% (Q4 2009)

- **UNEMPLOYMENT RATE (>15 YEARS)**

[EU-27=7.0%] (2008)
 6.7%

- **EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)**

Agriculture: 4.8 / Industry: 27.2
 Construction: 8.9 / Services: 59.1

- **GDP MP (2008)**

€30,402/inhab (Spanish average=100: 127.3%).
 Growth 2007–2008: 3.0%

- **GROSS DISPOSABLE HOUSEHOLD INCOME (2007)**

€19,173/inhab. Growth 2000–2007: 48.6%

- **GVA BREAKDOWN BY SECTOR (%) (2008)**

Agriculture: 2.9 / Industry: 28.9
 Construction: 10.7 / Services: 57.5

AIR

- **NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)**

Urban: 3 / Suburban: 2 / Rural: 3

- **VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)**

– Annual mean concentration of NO₂ in µg/m³ (2010 limit: 40 µg/m³): 28
 – No. of days/year daily mean concentration of PM₁₀ exceeded 50 µg/m³ (2005 limit: 35 days/year): 17 (11 if outbreaks of African dust are excluded)

WATER

- **AVERAGE HOUSEHOLD WATER CONSUMPTION (2007)**

126 litres/inhab/day. Between 2000 and 2007, consumption decreased by 20.8%

- **WATER DISTRIBUTION BY SECTOR (%) (2007)**

Households: 51.1 / Municipal and other consumption: 18.1 / Economic sectors: 30.8

- **REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)**

18.4%

- **WASTEWATER TREATMENT (2009)**

97% of population equivalent was provided with wastewater treatment compliant with Directive 91/271/EEC

LAND

- **BREAKDOWN BY LAND USE (%) (2006)**

Artificial surfaces: 1.3 / Agriculture: 46.3 / Forest: 52.2 / Wetlands and water bodies: 0.3

- **CHANGES IN LAND USE (%) (2000–2006)**

Artificial surfaces: 16.6 / Agriculture: -0.4 / Forest: -0.1 / Wetlands and water bodies: 23.2

- **ESTIMATED SOIL LOSS: LAND AREA AFFECTED BY EROSION (%) (2008)**

Moderate: 65.64 / Intermediate: 18.79 / High: 15.57

NATURE AND BIODIVERSITY

- **PROTECTED AREA (2009)**

84,962.4 ha (8.2% of the AC)

- **NATURA 2000 NETWORK, 2009**

253,001.9 ha (24.4% of the AC)

- **FOREST AREA ACCORDING TO IFN 3 (HA)**

Wooded: 445,671 ha / Non-wooded: 140,842 ha

- **FOREST FIRES (2009)**

635 fires affecting 1,599.33 ha. Over 1999–2008, an average of 379 forest fires affected 2,950.28 ha per year

WASTE

- **URBAN WASTE PER INHABITANT (2008)**

- Total urban waste: 475.0 kg/inhab
- Separately collected paper/cardboard: 54.42 kg/inhab
- Separately collected glass: 25.58 kg/inhab
- Separately collected packaging: 52.23 kg/inhab

AGRICULTURE

- **ORGANIC FARMLAND (2008)**

29,367.8 ha. Growth 2001–2008: 54.1%

- **IRRIGATED AREA (2008)**

80,775 ha (17.3% of total agricultural area)

ENERGY

- **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**

Total: 4.33 / Hydroelectric: 0.20 / Thermal: 2.21 Nuclear: 0.00 / Wind: 1.60 / Other renewables: 0.31

- **ELECTRICITY CONSUMPTION PER INHABITANT IN MWH (2008)**

8.2 MWh/inhab. Growth 2000–2008: 23.3%

TOURISM

- **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**

0.3

- **HOTEL CAPACITY (2008)**

10,437 hotel beds (16.8 beds/1,000 inhab) and 3,673 beds in rural accommodation (5.9 beds/1,000 inhab)

TRANSPORT

- **VEHICLE FLEET (2008)**

423,161 vehicles. Growth 2000–2008: 27.1%
682.1 vehicles/1,000 inhab

- **PASSENGER CAR FLEET (2008)**

291,838 passenger cars. Growth 2000–2008: 21.4%
470.4 passenger cars/1,000 inhab

- **TRANSPORT NETWORK DENSITY (2008)**

Road: 38.1 km/100 km² / Rail: 2.4 km/100 km²

Road: 6.4 km/1,000 inhab / Rail: 0.4 km/1,000 inhab

- **AIR TRANSPORT (2009)**

335,590 passengers. Growth 2000–2009: -2.8%

URBAN AND INVESTMENT POLICY

- **MUNICIPALITIES WITH A COUNCIL-APPROVED LOCAL AGENDA 21 (2008)**

272 (174 of which have approved an LA21 and 155 of which have already adopted and are implementing Action Plan projects). In addition, 155 municipalities have completed the LA21 diagnosis and 8 have drawn up action plans (pending ratification).

- **INTERNAL EXPENDITURE ON R&D (2008)**

€358.7 million (1.92% of GDP). Growth 2000–2008: 279.17%

OTHER RELEVANT INFORMATION

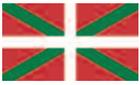
- The publication Estado del medio ambiente en Navarra. Año 2009 now includes an executive summary in Spanish and English.

RECOMMENDED WEBSITES

- http://www.navarra.es/home_es/Gobierno+de+Navarra/Organigrama/Los+departamentos/Desarrollo+Rural+y+Medio+Ambiente/

RECOMMENDED PUBLICATIONS

- Estado del medio ambiente en Navarra. 2009.



Basque Country

Statute of Autonomy: Organic Law 3/79, of 18 December (BOE no. 306, of 22 December 1979)
 Area: 7,235 km²
 Length of coastline: 252 km
 Capital: Vitoria Provinces: 3 Municipalities: 251
 Population (2009): 2,172,157 inhab
 Population density (2009): 300.2 inhab/km²
 Population growth (2000-2009): 3.51% (2008-2009): 0.70%



- **POPULATION BREAKDOWN (%) BY SIZE OF MUNICIPALITY (2009)**

<2,001 inhabitants: 5.3
 2,001–10,000 inhabitants: 14.5
 10,001–100,000 inhabitants: 44.5
 100,001–500,000 inhabitants: 35.7
 >500,000 inhabitants: 0.0

- **UNEMPLOYMENT RATE**

11.75% (Q4 2009)

- **UNEMPLOYMENT RATE (>15 YEARS)**

[EU-27=7.0%] (2008)
 6.4%

- **EMPLOYMENT BREAKDOWN BY SECTOR (%) (2009)**

Agriculture: 1.5 / Industry: 22.8
 Construction: 7.4 / Services: 68.3

- **GDP MP (2008)**

€31,952/inhab (Spanish average=100: 133.8%).
 Growth 2007–2008: 4.6%

- **GROSS DISPOSABLE HOUSEHOLD INCOME (2007)**

€19,473/inhab. Growth 2000–2007: 54.3%

- **GVA BREAKDOWN BY SECTOR (%) (2008)**

Agriculture: 1.0 / Industry: 30.0
 Construction: 9.7 / Services: 59.3

AIR

- **NO. OF AIR-QUALITY MONITORING STATIONS IN THE AC (2008)**

Urban: 21 / Suburban: 13 / Rural: 4

- **VALUES RECORDED ABOVE REGULATORY LEVELS IN URBAN STATIONS IN THE REGIONAL CAPITAL (2008)**

– Annual mean concentration of NO₂ in µg/m³ (2010 limit: 40 µg/m³): 31
 – No. of days/year daily mean concentration of PM₁₀ exceeded 50 µg/m³ (2005 limit: 35 days/year): 16 (10 if outbreaks of African dust are excluded)

WATER

- **AVERAGE HOUSEHOLD WATER CONSUMPTION (2007)**

125 litres/inhab/day. Between 2000 and 2007, consumption decreased by 18.8%

- **WATER DISTRIBUTION BY SECTOR (%) (2007)**

Households: 49.3 / Municipal and other consumption: 22.3 / Economic sectors: 28.3

- **REAL AND APPARENT LOSSES IN DISTRIBUTION (2007)**

17.8%

- **WASTEWATER TREATMENT (2009)**

92.4% of population equivalent was provided with wastewater treatment compliant with Directive 91/271/EEC

LAND

- **BREAKDOWN BY LAND USE (%) (2006)**

Artificial surfaces: 3.6 / Agriculture: 31.1 / Forest: 64.7 / Wetlands and water bodies: 0.7

- **CHANGES IN LAND USE (%) (2000–2006)**

Artificial surfaces: 10.3 / Agriculture: 0.8 / Forest: -0.1 / Wetlands and water bodies: 1.7

- **ESTIMATED SOIL LOSS: LAND AREA AFFECTED BY EROSION (%) (2009)**

Moderate: No data / Intermediate: No data / High: No data

NATURE AND BIODIVERSITY

- **PROTECTED AREA (2009)**

103,202.3 ha (13.7% of the AC)

- **TERRESTRIAL NATURA 2000 NETWORK (2009)**

145,319.8 ha (20.1% of the AC)

- **FOREST AREA ACCORDING TO IFN 3 (HA)**

Wooded: 397,831 ha / Non-wooded: 97,224 ha

- **FOREST FIRES (2009)**

126 fires affecting 847.76 ha. Over 1999–2008, an average of 168 forest fires affected 618.45 ha per year

WASTE

- **URBAN WASTE PER INHABITANT (2008)**

Total urban waste: 543.98 kg/inhab
 Separately collected paper/cardboard: 43.28 kg/inhab
 Separately collected glass: 27.83 kg/inhab
 Separately collected packaging: 12.99 kg/inhab

AGRICULTURE

- **ORGANIC FARMLAND (2008)**

1,350.5 ha. Growth 2001–2008: 137.4%

- **IRRIGATED AREA (2008)**

9,166 ha (4.1% of total agricultural area)

ENERGY

- **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS (2008)**

Total: 1.88 / Hydroelectric: 0.07 / Thermal: 1.66 Nuclear: 0.00 / Wind: 0.07 / Other renewables: 0.08

- **ELECTRICITY CONSUMPTION PER INHABITANT IN MWH (2008)**

9.4 MWh/inhab. Growth 2000–2008: 21.5%

TOURISM

- **NO. OF FOREIGN TOURISTS PER INHABITANT (2008)**

0.39

- **HOTEL CAPACITY (2008)**

22,664 hotel beds (10.5 beds/1,000 inhab) and 3,182 beds in rural accommodation (1.5 beds/1,000 inhab)

TRANSPORT

- **VEHICLE FLEET (2008)**

1,275,782 vehicles. Growth 2000–2008: 21.3%
 591.4 vehicles/1,000 inhab

- **PASSENGER CAR FLEET (2008)**

939,235 passenger cars. Growth 2000–2008: 14.5%
 435.4 passenger cars/1,000 inhab

- **TRANSPORT NETWORK DENSITY (2008)**

Road: 58.1 km/100 km² / Rail: 8.6 km/100 km²
 Road: 1.9 km/1,000 inhab / Rail: 0.3 km/1,000 inhab

- **AIR TRANSPORT (2009)**

4,009,146 passengers. Growth 2000–2009: 35.2%

- **PORT FREIGHT TRAFFIC (2008)**

39.63 million t. Growth 2000–2008: 35.93%

URBAN AND INVESTMENT POLICY

- **MUNICIPALITIES WITH A COUNCIL-APPROVED LOCAL AGENDA 21 (2008)**

197 have already implemented LA21 and are carrying out Action Plan projects. In addition, 21 municipalities have completed the LA21 diagnosis and have drawn up action plans (pending ratification).

- **INTERNAL EXPENDITURE ON R&D (2008)**

€1.34 billion (1.96% of GDP). Growth 2000–2008: 192.76%

RECOMMENDED WEBSITES

- <http://www.ingurumena.ejgv.euskadi.net/r49-579/es/>

RECOMMENDED PUBLICATIONS

- Estado del Medio Ambiente en la CAPV 2009.

INFORMATION SOURCES AND NOTES ON METHODOLOGY

STATUTE OF AUTONOMY, AREA, POPULATION AND POPULATION DENSITY, POPULATION BREAKDOWN, UNEMPLOYMENT RATE, UNEMPLOYMENT RATE >15 YEARS (COMPARISON WITH EU-27), EMPLOYMENT BREAKDOWN BY SECTOR, GDP MP AND GROWTH 2007–2008, AND GVA BREAKDOWN BY SECTOR

Source: Ministry of Territorial Policy.

(http://www.map.es/documentacion/politica_autonomica/info_ecofin/2anaeco/indicador_por/indicadores.html).

In Documentación / Política Autonómica / Información económico-financiera / Análisis económico d... / Indicadores/ Indicadores Socioeconómicos (select an AC). Data obtained from various sources and updated by the Sub-Directorate-General for Regional Economic Analysis reporting to the Directorate-General for Regional Co-operation.

MUNICIPALITIES

Source: INE. <http://www.ine.es/>.

In Territorio / Territorio / Distribución de los municipios según su extensión superficial por CCAA y provincias.

POPULATION GROWTH 2000–2009

Source: Compiled in-house using INE data (summary by AC and population figures for 01/01/2009). In Demography and population / Population figures and Demographic Censuses / Official population figures: Municipal Register.

LENGTH OF COASTLINE

Source: INE. <http://www.ine.es/>.

In Physical variables and environment / Physical variables / Statistical operations compiled by other bodies / Territory / Main result /

GROSS DISPOSABLE HOUSEHOLD INCOME (2007)

Source: INE. <http://www.ine.es/>.

Economy / National Accounts / Spanish Regional Accounts. Base 2000 / Institutional approach. Household income distribution accounts / Main results / Gross disposable household income (per capita)

AIR

Source: Air Quality Database. Directorate-General for Air Quality and Environmental Assessment. MARM

Notes on methodology: The indicator reflects the situation in the capital of the AC. For the purpose of calculating the exceedances, every station (urban, suburban, rural or background, industrial and traffic) with a suitable volume of data was included. The minimum data volume used for NO₂ was 50% (i.e. 4,380 hours per year), while for PM₁₀ the minimum volume was 86% (minimum amount of data established by legislation for the purposes of assessment, i.e. 314 days per year). This distinction is made because the statistic chosen as the indicator for PM₁₀ (number of days per year in which concentration exceeded 50 µg/m³) reflects isolated episodes and it is vital to obtain comprehensive data to ensure that the statistic is representative. However, in the case of NO₂, as the statistic is a mean, it is considered that a minimum data volume of 50% provides a representative figure.

WATER

• AVERAGE HOUSEHOLD WATER CONSUMPTION

Source: INE. <http://www.ine.es/>.

2007: INE, 2009. Survey on Water Supply and Treatment. 2007. Press release of 17 July 2009. 2000: Water Surveys, 2000. Press release of 12 December 2002.

• WATER DISTRIBUTION BY SECTOR AND DISTRIBUTION NETWORK LOSSES

Source: INE. <http://www.ine.es/>.

Survey on Water Supply and Treatment. 2007. Water

Supply and Treatment. Distribution by Autonomous Community and large groups of users. In Physical variables and environment / Environment statistics

• WASTEWATER TREATMENT

Source: Data provided by the respective regional governments. The data for Ceuta and Melilla were provided by the MARM and refer to 2008.

LAND

• BREAKDOWN BY LAND USE (2006) AND PERCENTAGE INCREASE IN ARTIFICIAL SURFACES (2000–2006)

Source: Compiled in-house using data obtained from the Corine Land Cover 2000 and 2006 surveys, provided by the IGN. Ministry of Public Works.

Notes on methodology: Forest area includes woodland, areas of natural vegetation and open spaces.

• ESTIMATED SOIL LOSS: LAND AREA AFFECTED BY EROSION

Source: National Soil Erosion Inventory 2002–2012. Directorate-General for the Natural Environment and Forestry Policy. MARM

Notes on methodology: The data refer to land area affected by sheet, rill and gully erosion and express the percentage of the AC's total land area affected by varying degrees of erosion (moderate, intermediate and high). The Inventory's advance estimate (updated in April 2010) provides greater information about those ACs in which the studies have been completed and therefore offers a more accurate overall assessment.

NATURE AND BIODIVERSITY

- **PROTECTED AREA, NATURA 2000 NETWORK, WETLANDS INCLUDED IN THE SPANISH WETLANDS INVENTORY, FOREST AREA**

Source: Directorate-General for the Natural Environment and Forestry Policy. MARM.

Notes on methodology: The Spanish Wetlands Inventory only includes wetlands covered by resolutions published in the BOE.

FOREST FIRES

Source: Forest Fire Defence Department (ADCIF). Directorate-General for the Natural Environment and Forestry Policy. MARM.

WASTE

- **URBAN WASTE PER INHABITANT**

Source: Data provided by the respective regional governments.

Notes on methodology: Differences may exist in the methodologies used in the various regional governments' calculations, as well as in their definitions of waste. As a result, the data produced for each AC are not directly comparable

AGRICULTURE

- **ORGANIC FARMLAND**

Source: Anuario de estadística 2008. Estadísticas del medio rural. Medios de Producción. Agricultura ecológica. MARM.

- **IRRIGATED AREA**

Source: Encuesta sobre Superficies y Rendimientos de Cultivos (ESYRCE 2010). In MARM/Estadística/Encuesta sobre superficies y rendimientos de cultivos.

Notes on methodology: The figures refer to total agricultural area, i.e. arable and fallow land, greenhouses and family smallholdings.

ENERGY

- **INSTALLED ELECTRIC POWER IN MW PER THOUSAND INHABITANTS**

Source: Ministry of Territorial Policy (<http://www.map.es//index.html>).

- **ELECTRICITY CONSUMPTION PER INHABITANT**

Source: Compiled in-house using energy data provided by the Sub-Directorate-General for International Energy Relations reporting to the Ministry of Industry, Tourism and Trade, and the official population figures (Municipal Register) provided by the INE.

TOURISM

- **NO. OF TOURISTS PER INHABITANT AND HOTEL CAPACITY**

Source: Compiled in-house using data provided by the IET (FRONTUR).

Population data: figures for 01/01/2008. Royal Decree 2124/2008, of 26 December.

Hotel capacity: Ministry of Territorial Policy. In

Documentación / Política Autonómica / Información económico-financiera / Análisis económico d... / Indicadores/ Indicadores Socioeconómicos (select an AC)

Rural accommodation capacity: INE. Holiday Dwellings Occupancy Survey (Rural Tourism Accommodation Occupancy Survey). 2008.

TRANSPORT

- **VEHICLE FLEET AND PASSENGER CAR FLEET**

Source: Directorate-General for Traffic, 2009. Anuario Estadístico General 2008. DGT. Ministry of the Interior and DGT, 2002. Anuario Estadístico General 2000. DGT. Ministry of the Interior.

Notes on methodology: The vehicle fleet includes trucks, vans, buses, passenger cars, motorcycles, industrial tractors and other vehicles.

- **TRANSPORT NETWORK DENSITY**

Source: Ministry of Territorial Policy. In Documentación / Política Autonómica / Información económico-financiera / Análisis económico d... / Indicadores/ Indicadores Socioeconómicos (select an AC)

- **AIR TRANSPORT**

Source: AENA. Estadísticas de Aeropuertos. Estadísticas de tráfico. Pasajeros, operaciones y carga. Informes anuales. Reports for 2000 and 2009.

- **MARITIME TRANSPORT**

Source: State Ports Board (PDE). Estadísticas de Tráfico Portuario. Anuarios Estadísticos de Puertos del Estado. Anuario Estadístico 2008 y 2000. Ministry of Public Works.

Notes on methodology: Includes freight traffic (cabotage and foreign), fishing, provisioning and regular traffic handled both by the PDE and regional governments.

URBAN AND INVESTMENT POLICY

- **MUNICIPALITIES WITH A COUNCIL-APPROVED LOCAL AGENDA 21 (2007)**

Source: Data provided by the respective regional governments.

- **INTERNAL EXPENDITURE ON R&D (2008)**

Source: 2008: Ministry of Territorial Policy. In Documentación / Política Autonómica / Información económico-financiera / Análisis económico d... / Indicadores/ Indicadores Socioeconómicos (select an AC) 2000: INE. Press release of 21 December 2001.

OTHER RELEVANT INFORMATION AND RECOMMENDED WEBSITES AND PUBLICATIONS

Source: Information provided by Spanish EIONET Regional Focal Points.