



## Industry and energy

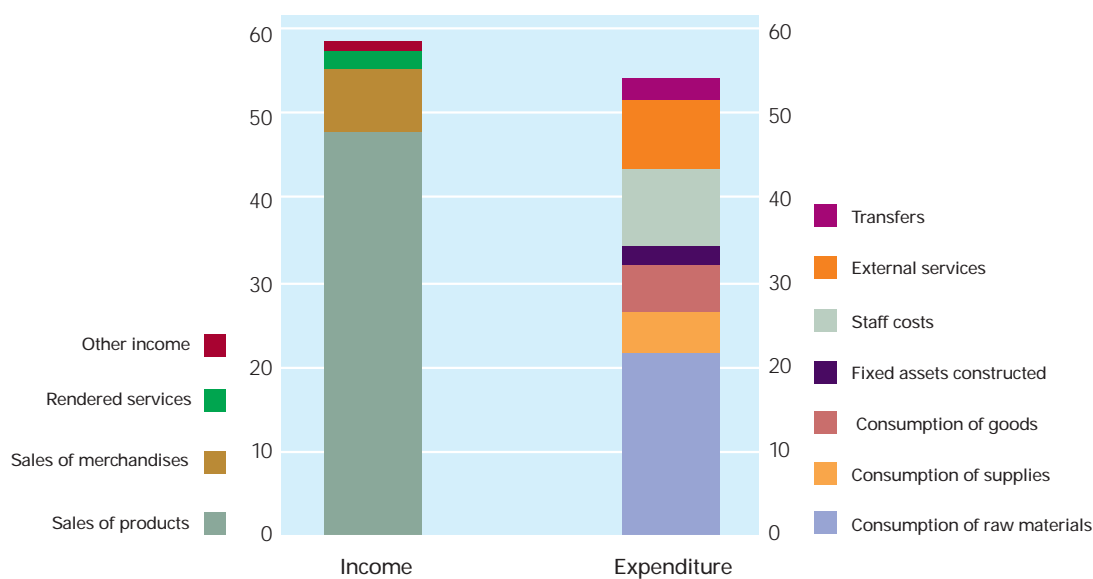
### Industrial survey of companies. 1998

	Employees	Turnover <sup>1</sup>	Consumption <sup>1</sup>	Staff costs <sup>1</sup>
<b>TOTAL</b>	2.516.327	57.435.122	34.242.497	9.363.889
Mining and petroleum industries	51.921	2.640.466	1.816.673	273.432
Food, beverages and tobacco	373.411	10.779.052	7.242.639	1.230.539
Textiles, clothing, leather and footwear	315.320	3.513.312	2.104.660	709.009
Wood and cork	97.286	1.184.612	725.157	221.204
Paper, publishing, graphic arts and recorded media reproduction	181.672	3.437.577	1.624.386	714.289
Chemical industry	130.231	4.943.551	2.712.467	755.169
Rubber and plastics	105.911	2.192.847	1.208.006	432.801
Miscellaneous non-metallic mineral products	165.020	3.027.464	1.381.548	601.422
Metallurgy and manufacturing of metallic products	350.903	6.048.000	3.406.866	1.240.739
Machinery and mechanical equipment	162.562	2.917.202	1.683.872	659.762
Electrical, electronic and optical supplies	150.400	3.670.395	2.236.945	670.731
Transport material	206.310	7.957.420	5.761.426	1.000.256
Miscellaneous manufacturing industries	161.203	1.745.452	956.006	406.700
Energy and water	64.178	3.377.772	1.381.846	447.836

<sup>1</sup> Million pesetas

### Distribution of income and expenditure

Billion pesetas




Industrial survey of companies. 1998

	Employees	Turnover <sup>1</sup>	Consumption <sup>1</sup>	Staff costs <sup>1</sup>
SPAIN	2.516.327	57.435.122	34.242.497	9.363.889
Andalusia	221.126	5.007.360	3.157.073	718.967
Aragon	96.329	2.534.779	1.581.935	359.605
Asturias (Princip. of)	59.272	1.289.885	720.794	265.438
Balearic (Islands)	28.066	382.939	193.075	79.750
Canary Islands	38.489	768.320	394.839	127.620
Cantabria	31.152	766.336	418.561	132.976
Castile & León	138.493	3.577.566	2.242.808	537.005
Castile-La Mancha	102.579	1.987.212	1.262.337	288.981
Catalonia	641.441	15.191.646	8.861.896	2.558.757
Comm. of Valencia	341.064	6.236.764	3.715.385	1.011.782
Extremadura	25.426	420.005	274.475	61.590
Galicia	153.825	3.264.161	2.080.642	473.351
Madrid (Comm. of)	281.394	7.495.062	4.327.790	1.276.193
Murcia (Region of)	64.000	1.167.533	751.165	171.098
Navarre (Comm. of)	61.969	1.706.950	1.078.255	259.873
Basque Country	204.222	5.000.979	2.798.355	948.676
Rioja (La)	27.479	637.626	383.112	92.227

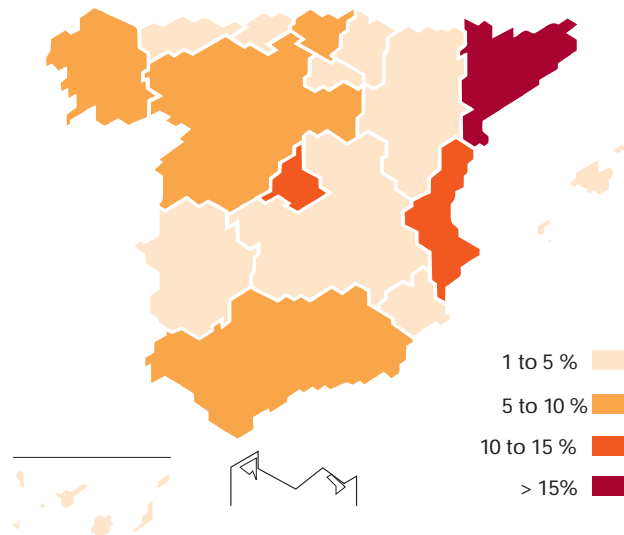
<sup>1</sup> Million pesetas

Distribution of employment in industry



**Turnover. 1995**  
Million Euros

	Food, beverages and tobacco	Transport material
UE-15	577.813	446.728
Germany	133.146	166.924
Austria	11.321	6.127
Belgium	27.812	16.459
Denmark	16.247	1.947
Spain	56.406	34.599
Finland	8.301	2.034
France	98.959	91.821
Greece	5.878	606
Ireland	14.231	678
Italy	60.446	40.517
Luxembourg	557	-
Netherlands	42.098	9.015
Portugal	9.830	4.155
U.Kingdom	80.803	53.136
Sweden	11.773	18.462



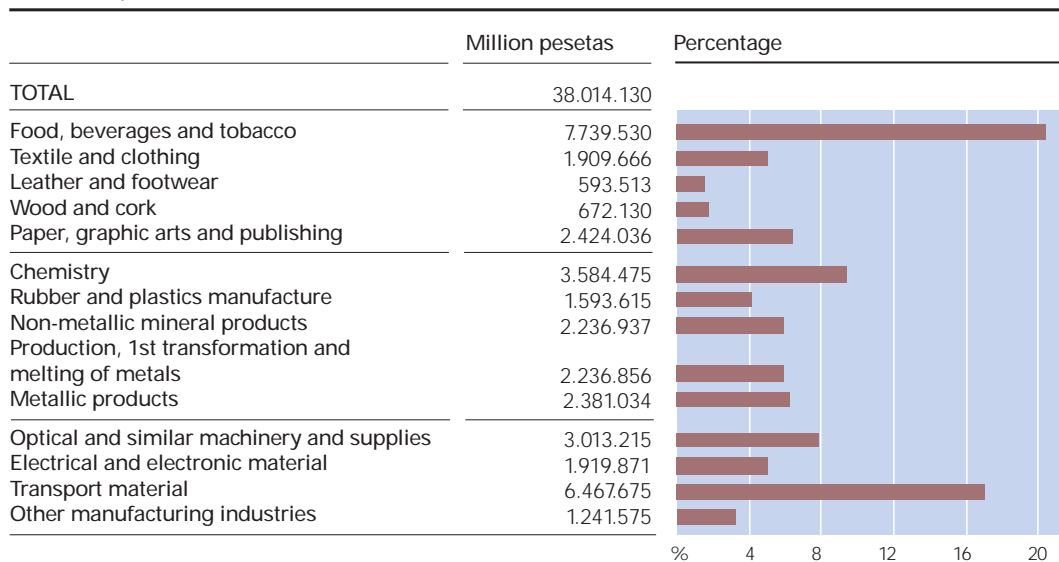
For further information:

- Industrial Companies Survey (annual publication)
- TEMPUS data bank: 4.500 series

## Industry and energy

### Industrial survey of products. 1998

#### Industrial product sales

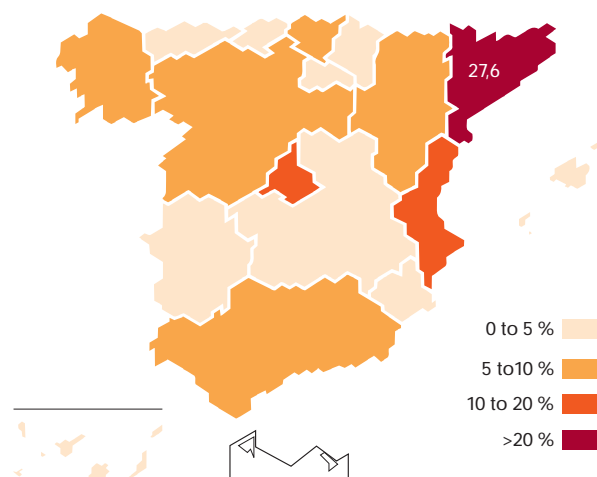


### Industrial product sales

#### Million pesetas

SPAIN	38.014.130
Andalusia	2.932.477
Aragon	1.900.761
Asturias (Princ. of)	940.248
Balearic (Islands)	166.068
Canary Islands	380.702
Cantabria	550.214
Castile & León	2.745.274
Castile-La Mancha	1.224.405
Catalonia	10.482.782
Comm. of Valencia	4.294.412
Extremadura	203.159
Galicia	2.085.659
Madrid (Comm. of)	3.832.775
Murcia (Region of)	732.699
Navarre (Comm. of)	1.368.126
Basque Country	3.668.374
Rioja (La)	505.997

### Breakdown of industrial product sales



#### For further information:

- *Industrial Products Survey* (annual publication).

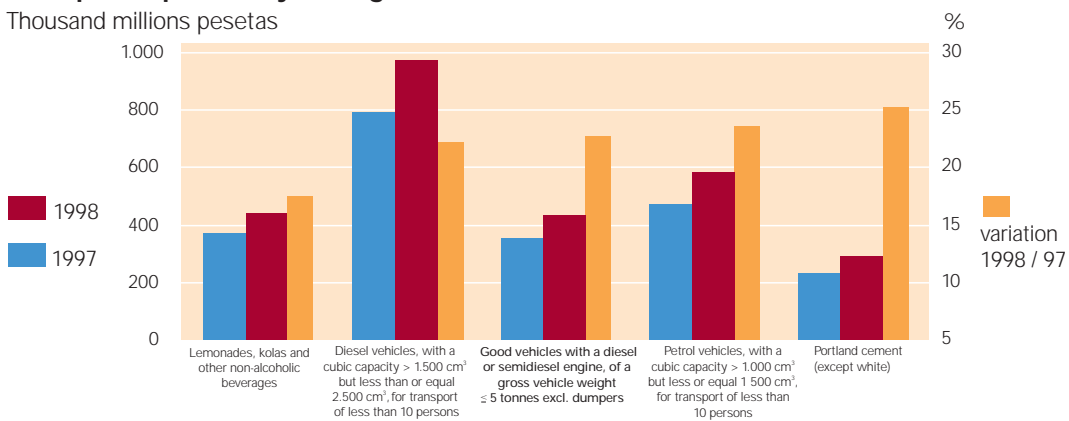
**Industrial survey of products. 1998**

Principal outputs

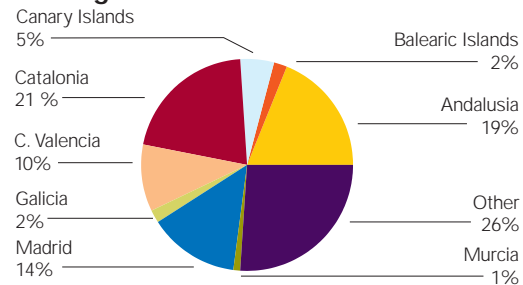
	Product	Quantity	Value (million pesetas)
Tons	Raw, cooked, smoked, in guts or tinned cold meats (except liver), and similars	414.991	205.511
Tons	Prepared food for farm animals: porks	6.546.404	222.647
Thousands litres	Lemonades kolas and other non-alcoholic beverages	3.929.973	438.283
Tons	Paper or corrugated cardboard boxes	2.197.535	248.482
Thousands m <sup>2</sup>	Ceramic paving stones and coverings, the maximum surface of which is larger than a square with <7cm sides, varnish/enamel; clay surface >90 cm <sup>2</sup>	218.274	177.997
Tons	Portland cement (except white)	31.084.016	291.543
Units	Petrol vehicles, with a cubic capacity > 1.000 cm <sup>3</sup> but less or equal 1 500 cm <sup>3</sup> , for transport of less than 10 persons	1.301.774	1.409.597
Units	Petrol vehicles with a cubic capacity of > 1.500 cm <sup>3</sup> but less than or equal 3.000 cm <sup>3</sup> , for transport of less than 10 persons	414.922	582.210
Units	Diesel vehicles, with a cubic capacity > 1.500 cm <sup>3</sup> but less than or equal 2.500 cm <sup>3</sup> , for transport of less than 10 persons	698.208	970.751
Tons	Good vehicles with a diesel or semidiesel engine, of a gross vehicle weight ≤ 5 tonnes excl. dumpers	285.331	434.078

**Principal outputs and year of growth**

Thousand millions pesetas



**Autonomous communities market share of lemonades, kolas and other non alcoholic beverages**

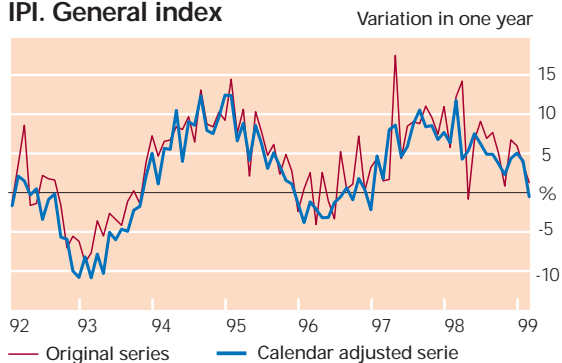


## Industry and energy

### Industrial Production Indices. IPI Annual average 1998

	Index Base 1990	Variation in one year
GENERAL INDEX	115,1	5,4
INDICES BY BRANCHES OF ACTIVITY		
Energy	105,9	1,1
Non-energetic mineral and by-products, mining and processing		
Chemical industry	117,2	5,5
Metal processing industry. Precision engineering	128,1	8,2
Other manufacturing industries	107,9	4,7
INDICES BY ECONOMIC USE OF THE GOODS		
Consumer goods	113,9	5,5
Investment goods	124,3	8,4
Intermediate goods	113,1	4,2

#### IPI. General index



	Index Base 1990	Variation in one year
SPAIN	115,1	
Andalusia	111,6	
Aragon	122,8	
Asturias (Princ. of)	102,6	
Balearic (Islands)	100,7	
Canary Islands	110,0	
Cantabria	117,2	
Castilla & León	118,7	
Castilla-La Mancha	109,4	
Catalonia	117,2	
Comm. Valencia	115,1	
Extremadura	111,5	
Galicia	111,3	
Madrid (Comm. of)	115,0	
Murcia (Region of)	101,8	
Navarre (Comm. of)	121,5	
Basque Country	118,4	
Rioja (La)	116,0	

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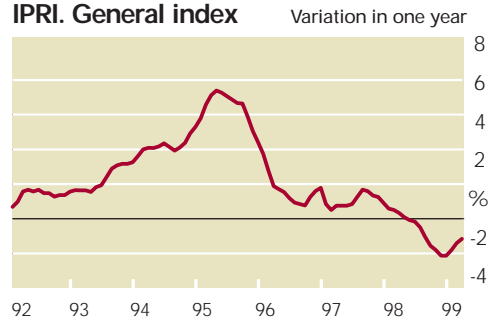
#### For further information:

- INE Figures-Industrial Production Indices. Provisional data (monthly publication)
- INE Figures-Industrial Price indices. Provisional data (monthly publication)
- Monthly Statistical Bulletin
- Quarterly Bulletin on the Economic Situation
- TEMPUS data BANK: over 6.000 series.

### Industrial Price Indices IPRI. Annual average 1998

	Index Base 1990	Variation in one year
GENERAL INDEX	120,2	-0,7
INDICES BY BRANCHES OF ACTIVITY		
Energy	110,7	-7,7
Non-energetic mineral and by-products, mining and processing		
Chemical industry	115,1	-1,0
Metal processing industry. Precision engineering	120,5	1,0
Other manufacturing industries	125,3	0,3
INDICES BY ECONOMIC USE OF THE GOODS		
Consumer goods	127,2	0,4
Investment goods	118,2	0,6
Intermediate goods	114,7	-2,1

#### IPRI. General index



### Primary energy. 1998

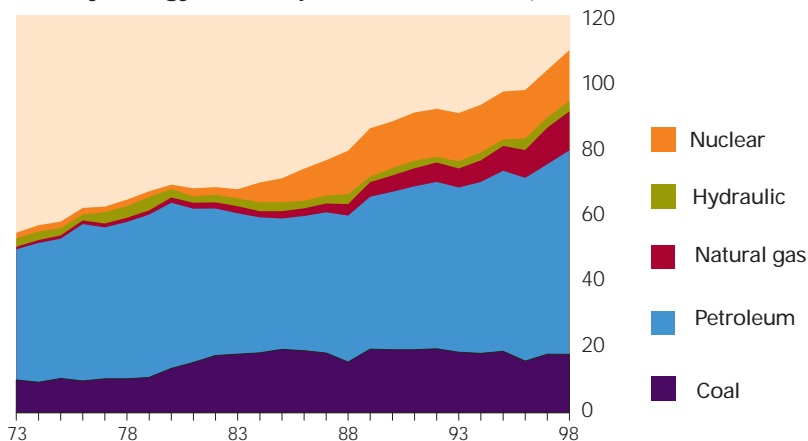
Kpet

	Consumption	Production	Self sufficiency
TOTAL	110.352	28.547	25,9
Coal	17.614	8.959	50,9
Petroleum	61.670	532	0,9
Natural gas	11.816	98	0,8
Nuclear	15.376	15.376	100,0
Hydraulically	3.094	3.094	100,0
Others	489	489	100,0
Import-Export	292	-	-

The energy balances are expressed in **Petroleum Equivalent Tons (pet)**, which is a common unit. One pet is defined as 10 kcal.

The usual units of measurement are converted to pet on the basis of the lowest calorific value of each fuel.

### Primary energy consumption. Thousands kpet

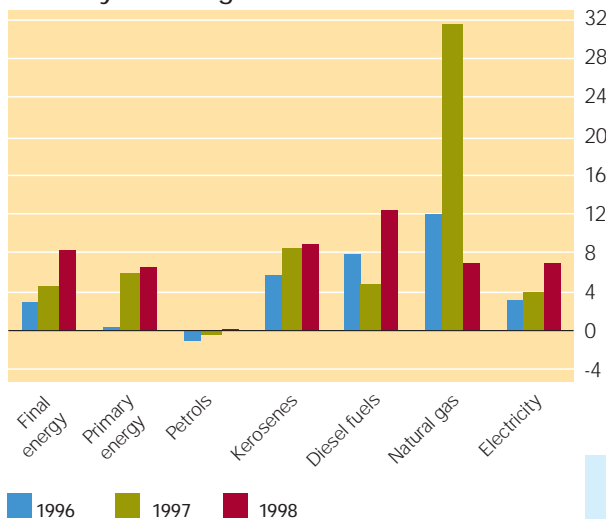


### Primary energy consumption. 1995. Pet / inhabitant

UE-15	2,5
Germany	2,9
Austria	2,7
Belgium	3,6
Denmark	3,0
Spain	1,7
Finland	4,3
France	2,6
Greece	1,6
Ireland	2,2
Italy	2,0
Netherlands	3,3
Portugal	1,5
U. Kingdom	2,6
Sweden	3,9

### Energy consumption indicators

Year-to-year change



### Final energy consumption. 1998

Kpet	%
TOTAL	80.103
Coal	2.429
Petroleum products	53.797
Kerosenes	4.122
Unleaded petrol	4.586
Other petrols	5.039
Diesel fuel A & B	18.953
Diesel fuel C	3.640
Fuel-oil	2.737
Naphta	3.125
Other products	11.595
Gas	9.627
Electricity	14.251

Source: *Energy Situation*, Ministry of Industry and Energy