

SNS

Spanish National Health System

Demographic and economic references



**Infrastructure, facilities, personnel
and use of services**



Funding and expenditure



User satisfaction



Health status and lifestyles



MINISTERIO
DE SANIDAD
Y CONSUMO

Introduction

The Ministry of Health and Consumer Affairs is pleased to present this latest edition of its periodic publication on the Spanish National Health System.

This leaflet aims to provide a quick reference guide to the most important facts and figures of the National Health System and to improve knowledge on the collective achievement it represents.

The information is given in 4 chapters covering two main areas – the National Health System and health status – and is introduced by some background demographic and economic data on Spanish society.

The section on the National Health System covers matters such as infrastructure and facilities (health centres, hospitals, beds and technology), healthcare personnel, the use of services, transplants, funding, health expenditure and user satisfaction.

The information on health status covers life expectancy, causes of death, child mortality, health perception, chronic diseases, vaccination coverage and lifestyles (smoking and obesity).

The facts and figures given are those available in December 2005, the time of writing, and come from statistics drawn up, and also to a great extent produced, by the Health Information Institute. For the markers that are most frequently used in international comparisons, reference values for the European Union are shown.

More detailed information can be obtained on some of the topics from the Ministry of Health and Consumer Affairs at www.msc.es.

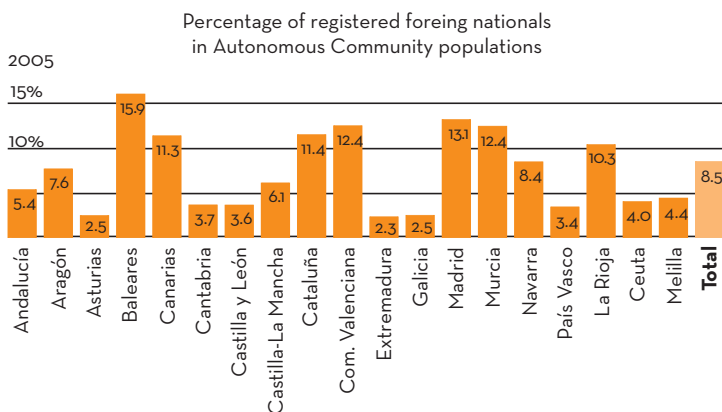
We trust that this new edition will be of use to readers, and would be happy to receive any suggestions for improving subsequent editions.

Demographic and economic references

Official population figures

As of 1 January 2005	Total	Mujeres	Hombres
Total	44,108,530	22,327,661	21,780,869
Andalucía	7,849,799	3,960,194	3,889,605
Aragón	1,126,027	636,879	632,148
Asturias	1,076,635	560,306	516,329
Baleares	983,131	490,489	492,642
Canarias	1,968,280	980,050	988,230
Cantabria	562,309	287,512	274,797
Castilla y León	2,510,849	1,270,399	1,240,450
Castilla-La Mancha	1,894,667	943,691	950,976
Cataluña	6,995,206	3,526,971	3,468,235
Com. Valenciana	4,692,449	2,360,166	2,332,283
Extremadura	1,083,879	544,654	539,225
Galicia	2,762,198	1,431,495	1,330,703
Madrid	5,964,143	3,076,425	2,887,718
Murcia	1,335,792	658,743	677,049
Navarra	593,472	296,885	296,587
País Vasco	2,124,846	1,084,321	1,040,525
La Rioja	301,084	149,354	151,730
Ceuta	75,276	36,961	38,315
Melilla	65,488	32,166	33,322

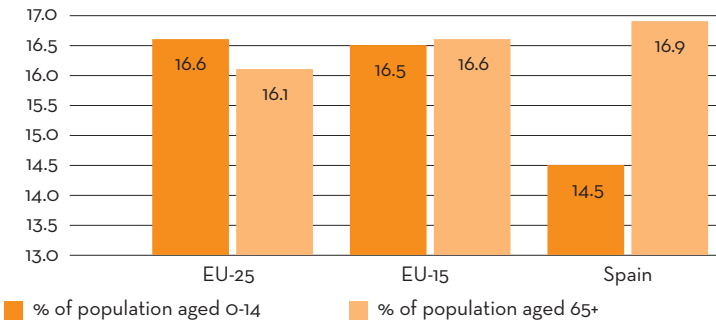
Source: National Statistics Institute.



Source: National Statistics Institute. Municipal Register, 1 January 2005

Population structure by age group

2003



Source: WHO European Health for all database (HEA-DB) June 2005.

Income level

2004 (estimates)	
GDP at market prices in millions of euros	837,316
GDP per capita at market prices in euros	19,637
2003	
GDP per capita in PPP (EU-25=100)	97.6
GDP per capita in PPP (*) (EU-15=100)	89.7
(*) PPP = Purchasing Power Parity	

Source: National Statistics Institute. Spanish National Accounts

Infrastructure, facilities, personnel and use of services

Infrastructure and facilities

Health centres, hospitals, beds, pharmacies

2005	Total	Rate per 100.000 inhabitants	% Public
Health centers ⁽¹⁾	2,702	6.3	100%
Hospitals	779	1.8	38.6%
Beds	157,926	367.8	66.5%
Pharmacies ⁽¹⁾	20,348	47.6	...

⁽¹⁾ 2004

Source: Health centres: Ministry of Health and Consumer Affairs, Regional Health Departments. Hospitals and beds: Ministry of Health and Consumer Affairs, National Hospitals Catalogue. Pharmacies: General Council of Pharmacist Associations

Hospital and bed usage

2005		Total	Rate per 100.000 inhabitants	% Public
Acute care	Hospitals	574	1.3	40.2
	Beds	129,389	301.4	71.6
Psychiatric care	Hospitals	92	0.2	38.0
	Beds	16,141	37.6	38.4
Geriatric and long-term care	Hospitals	113	0.3	31.0
	Beds	12,396	28.9	39.5

Source: Ministry of Health and Consumer Affairs. National Catalogue of Hospitals

High technology in hospitals

2005	Total	Rate per million inhabitants
Computerised axial tomography	566	13.2
Magnetic resonance imaging	328	7.6
Gamma chamber	221	5.1
Haemodynamics unit	181	4.2
Digital angiography	168	3.9
Lithotriptors	78	1.8
Cobalt unit	47	1.1
Particle accelerator	115	2.7

Source: Ministry of Health and Consumer Affairs. National Catalogue of Hospitals

Healthcare personnel

Registered health professionals

	Total 2004	% de Females	Registered health professionals per 1,000 inhabitants 1995	Registered health professionals per 1,000 inhabitants 2004
Physicians	194.668	41,4	4,1	4,7
Dentists	21.055	40,5	0,4	0,5
Pharmacists	57.954	68,3	1,1	1,4
Veterinarians	25.604	35,1	0,5	0,6
Nurses	225.487	81,6	4,4	5,5

Source: National Statistics Institute. Registered health professionals

Physicians practising in Health Centres

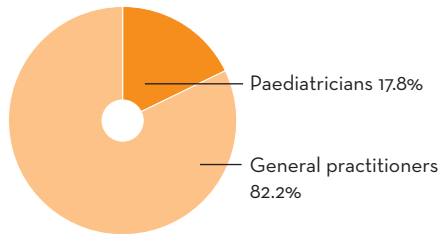
2003

Total

29,428

Rate per 1,000 inhabitants

0.7



Source: Ministry of Health and Consumer Affairs. Regional Health Departments

Physicians practising in Public Hospitals

2003

Total

54,298

Rate per 1,000 inhabitants

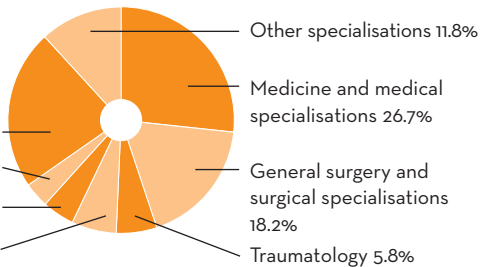
1.3

Central Departments 22.9%

Psychiatry 3.6%

Paediatrics 4.6%

Obstetrics and Gynaecology 6.4%



Source: Ministry of Health and Consumer Affairs. Statistics on Health Establishments providing in-patient care

Use of services

Primary Care activities in the National Health System

	1994	2003
Total medical consultations (in millions)	212.8	309.6
% consultations with General practitioner	89.3	86.8
% consultations with paediatrician	10.7	13.2
Consultations per inhabitant per year	5.4	7.4

Source: Ministry of Health and Consumer Affairs. Spanish National Health Survey

Specialist care activities and percentages financed by the National Health System

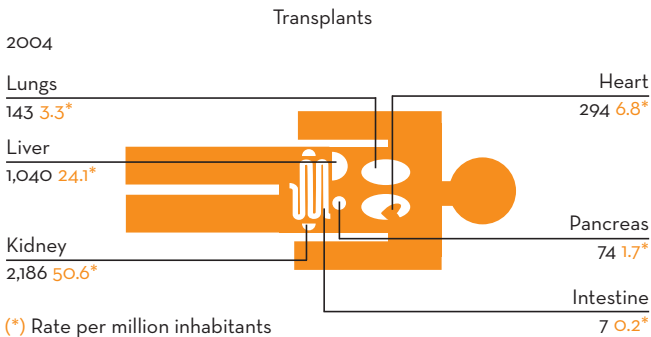
	1994	2003	
		Total	%NHS (*)
Hospitalisation			
Discharges (thousands)	4,181.8	4,970.5	77.9
Discharges per 1,000 inhabitants	106.8	118.6	
Average stay (days)	10.5	8.7	
Consultations			
Consultations (thousands)	39,454.2	68,183.8	88.1
Consultations per 1,000 inhabitants	1,007.4	1,623.5	
Emergencies			
Emergencies (thousands)	15,277.6	23,281.3	78.8
Emergencies per 1,000 inhabitants	390.1	554.3	
Surgical procedures			
Surgical procedures (thousands)	2,677.0	3,999.1	73.2
% inpatient surgical procedures	...	54.5	
% major out-patient surgical procedures	...	21.1	
% minor out-patient surgical procedures	...	24.4	
Surgical procedures per 1,000 inhabitants	68.3	95.5	
Obstetrics			
Labours (thousands)	371.2	436.7	74.0
% Caesarians	17.7	23.9	
(*) Percentage of activity financed by the National Health System			

Source: Ministry of Health and Consumer Affairs. Statistics on In-Patient Health Establishments

Causes of hospitalisation in the National Health System

2003 Diagnosis Groups	Females		Males	
	%	Discharges	%	Discharges
Infectious and parasite diseases	1.6	29,771	2.7	42,685
Neoplasms	8.0	146,329	10.2	163,792
Endocrine, nutrition and metabolic diseases and immunity disorders	1.9	35,283	1.6	25,841
Blood and blood-forming organ diseases	0.9	17,075	0.9	15,143
Mental and behavioural disorders	1.7	31,757	2.5	39,976
Diseases of the nervous system, eye, ear and mastoid process	3.6	64,671	3.8	60,209
Diseases of the circulatory system	11.2	204,131	16.8	269,837
Diseases of the respiratory system	7.9	143,204	14.7	235,531
Diseases of the digestive system	9.5	172,666	14.7	235,359
Diseases of the genito-urinary system	6.5	119,111	5.5	88,005
Pregnancy, childbirth and the puerperium	25.6	465,398	...	...
Skin and subcutaneous tissue diseases	0.8	15,249	1.2	19,629
Muscular and skeletal system and connective tissue diseases	5.2	95,270	4.6	73,105
Congenital malformations, deformations and abnormalities	0.7	12,925	1.2	18,926
Certain conditions originating in the perinatal period	1.4	26,194	2.0	32,047
Symptoms and signs not classified elsewhere	3.6	65,915	5.3	85,356
Injuries and poisoning	7.0	127,416	9.3	149,277
Factors influencing health conditions and contact with Health Services	2.5	46,288	3.1	49,799
Total		1,818,653		1,604,50

Source: Ministry of Health and Consumer Affairs. Statistics based on the NHS Register of Hospital Discharges



Source: Ministry of Health and Consumer Affairs. National Transplant Organisation

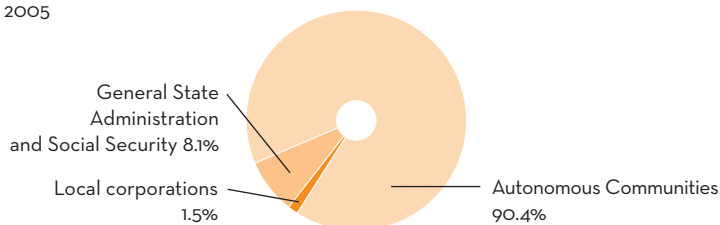
Funding and expenditure

Funding

Initial budget for NHS stakeholders

	2005	2004	% change
Total (million euros)	48,112.6	44,048.2	9.3%
General State Administration and Social Security	3,894.6	3,824.9	1.8%
Autonomous Communities	43,505.6	39,520.8	10.1%
Local corporations	721.5	702.7	1.4%

2005



Source: Ministry of Health and Consumer Affairs. Drawn up on the basis of the General State Budget and the General Budgets for the Autonomous Communities. The data for local corporations are estimates

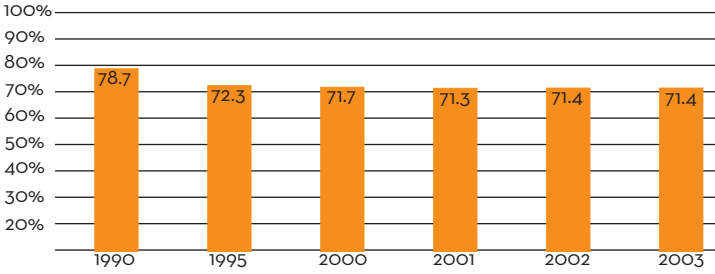
Health expenditure

Health expenditure in million euros

Year	Total health expenditure	Public health expenditure	Private health expenditure
1990	20,842.0	16,412.8	4,429.2
1995	33,386.8	24,124.8	9,262.0
2000	45,568.8	32,672.8	12,896.0
2001	49,405.1	35,213.1	14,192.0
2002	53,126.6	37,947.6	15,179.0
2003	57,698.7	41,199.7	16,499.0

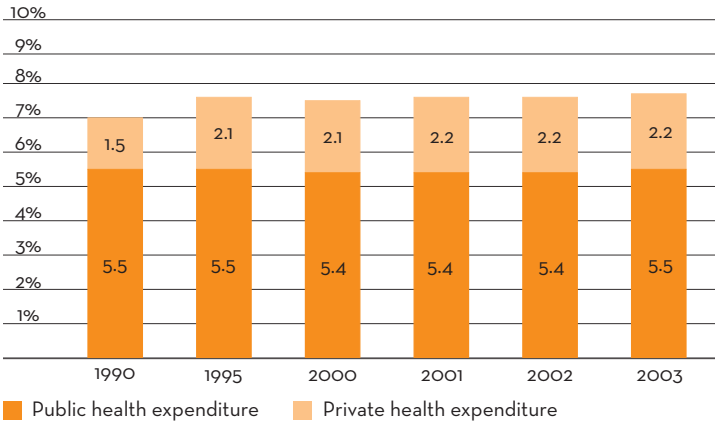
Source: Ministry of Health and Consumer Affairs. Statistics on public health expenditure. National Statistics Institute

Public health expenditure as a percentage of total health expenditure



Source: Ministry of Health and Consumer Affairs. Statistics on public health expenditure. National Statistics Institute

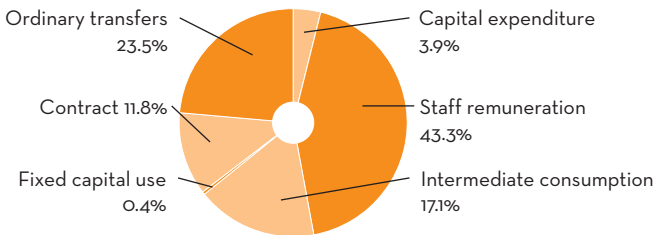
Health expenditure as a percentage of GDP



Source: Ministry of Health and Consumer Affairs. Statistics on public health expenditure. National Statistics Institute

Public health expenditure Breakdown by budgetary items

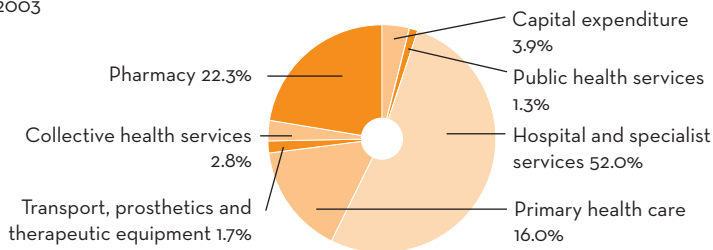
2003



Source: Ministry of Health and Consumer Affairs. Public health expenditure

Public health expenditure
Breakdown by functional items

2003



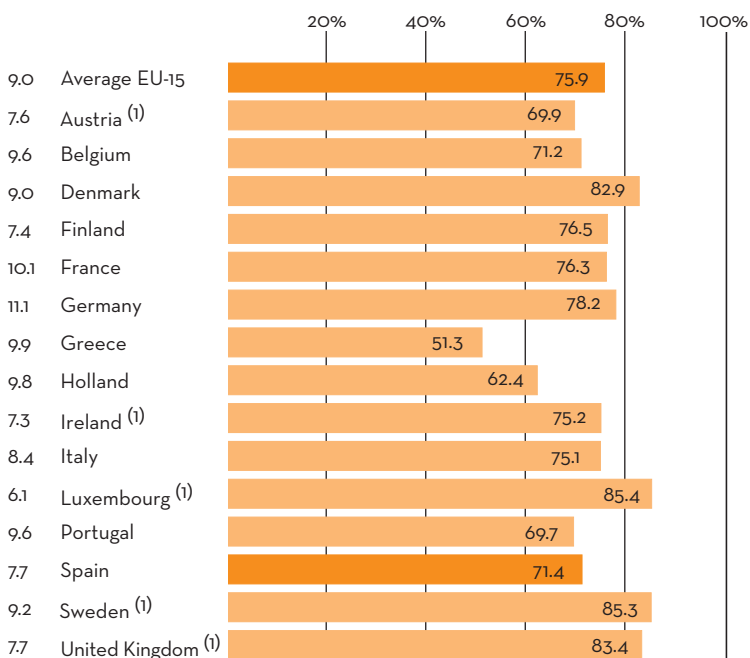
Source: Ministry of Health and Consumer Affairs. Public health expenditure

Health expenditure in the European Union countries (EU-15)

2003

Total health expenditure
as % of GDP

Public health expenditure
as % of total health expenditure



(1) 2002

Source: OECD Health Data 2005, versión junio.

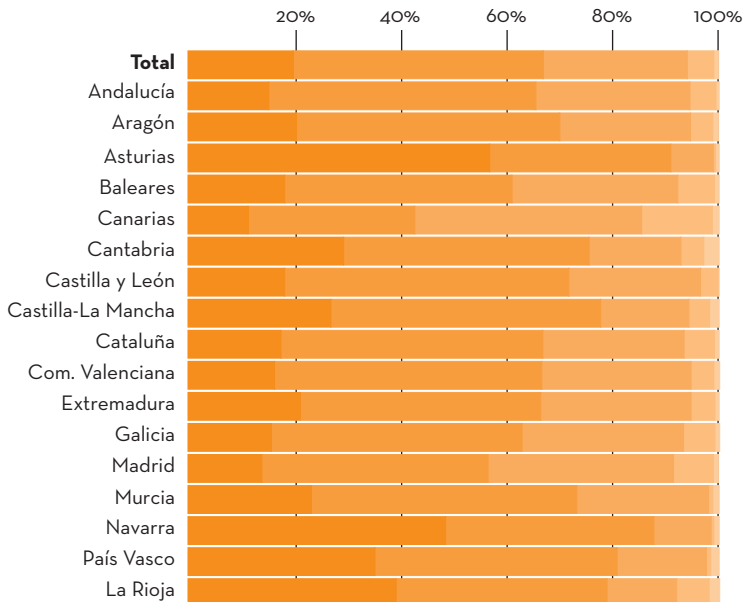
User satisfaction

User satisfaction with the health system,
in percentages

	1995	2004	% change
Works fairly well	20.7	19.8	-4.3%
Works well, but needs changes	40.6	47.1	16%
Needs fundamental changes	28.2	27.1	-3.9%
Works so badly that total reorganisation is needed	9.6	5.0	-47.9%
No reply	0.9	0.9	0.0%

User satisfaction with the health system by Autonomous Community

2004

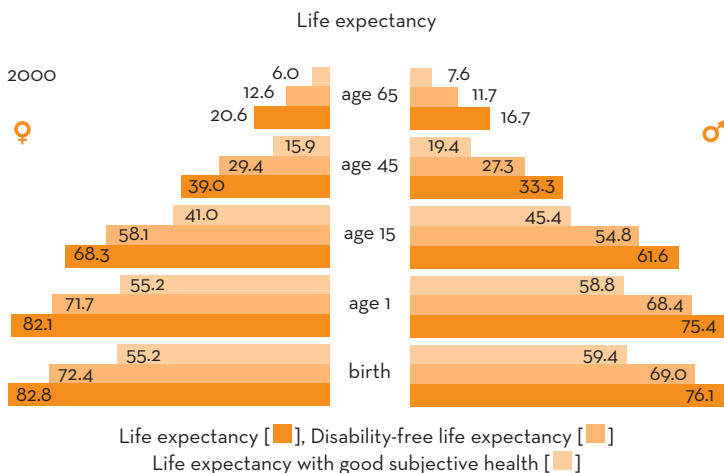


- Works fairly well
- Works well, but needs changes
- Needs fundamental changes
- Works so badly that total reorganisation is needed
- No reply

Source: Ministry of Health and Consumer Affairs. Health System Barometer

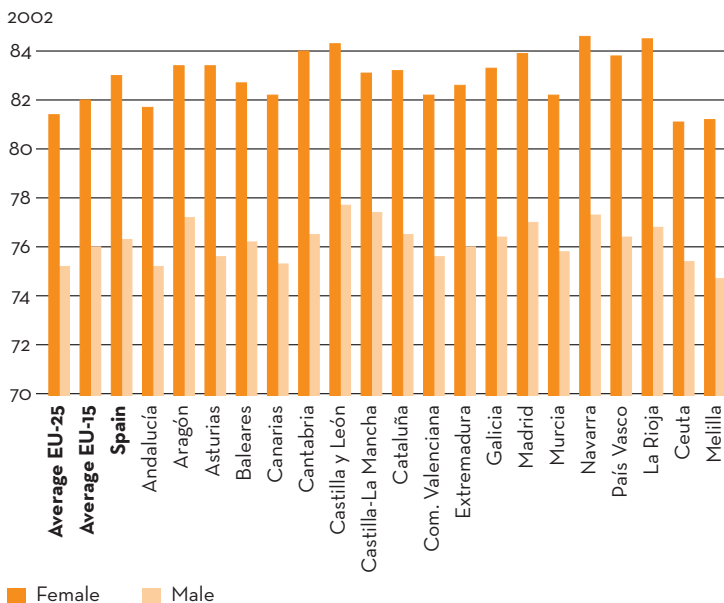
Health status and lifestyles

Health status



Source: Ministry of Health and Consumer Affairs. National Statistics Institute. Drawn up by Health Information Institute

Life expectancy at birth by sex, in the European Union and Spain



Source: National Statistics Institute. WHO European health for all database (HEA-DB) June 2005.

Number of deaths by cause of death and sex

2003	Total	Females	Males
Total deaths	384,828	184,931	199,897
Ischaemic heart disease	40,353	17,430	22,923
Cerebrovascular diseases	37,225	21,927	15,298
Heart failure	19,863	13,199	6,664
Lung and bronchial cancer	18,780	2,262	16,518
Chronic obstructive lung diseases	17,081	4,400	12,681
Dementia	12,184	8,467	3,717
Diabetes	10,099	6,092	4,007
Colorectal cancer	9,473	4,190	5,283
Alzheimer's disease	8,349	5,780	2,569
Neumonía	8,176	3,968	4,208
Hypertension	6,228	4,288	1,940
Breast cancer in women	5,913	5,913	—
Kidney failure	5,895	2,944	2,951
Stomach cancer	5,862	2,321	3,541
Prostate cancer	5,606	—	5,606
Road accidents	5,478	1,268	4,210

Source: National Statistics Institute. Deaths by cause of death

Child mortality per 1,000 live births

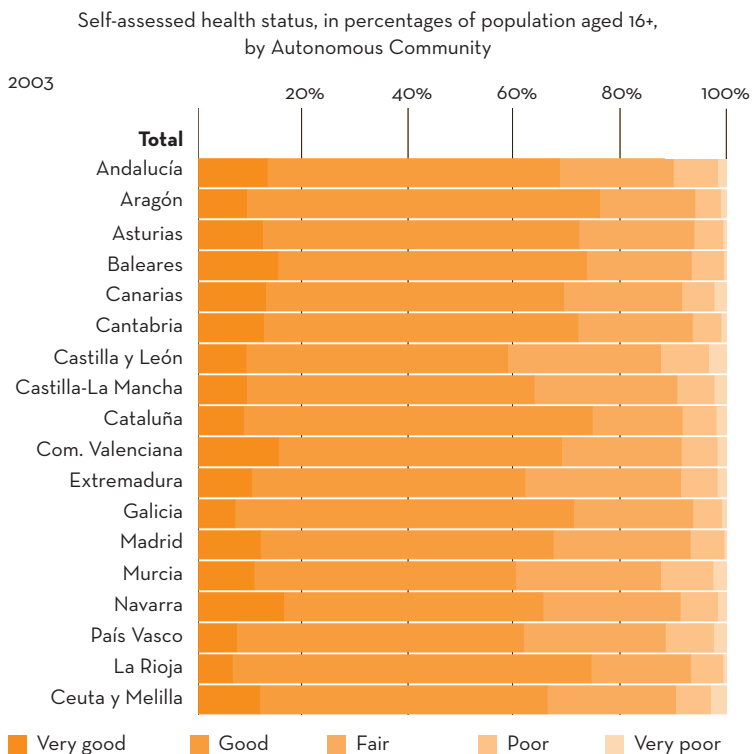
	1980	2002	Girls (2002)	Boys (2002)
EU-25	13.2	5.0	4.5	5.4
EU-15	12.4	4.6	4.1	5.1
Spain	12.3	4.1	3.7	4.6

Source: WHO European health for all database (HFA-DB) June 2005.

Self-assessed health status,
in percentages of population aged 16+

	1993	2003	Female (2003)	Male (2003)
Very good	10.8	11.2	9.8	12.7
Good	57.7	56.8	53.4	60.3
Fair	24.4	23.2	26.0	20.3
Poor	6.0	6.7	8.1	5.1
Very poor	1.1	2.2	2.7	1.6

Source: Ministry of Health and Consumer Affairs. Spanish National Health Survey



Source: Ministry of Health and Consumer Affairs. Spanish National Health Survey

Self-declared chronic diseases
Percentages of population aged 16+

	1993	2003	Females (2003)	Males (2003)
High blood pressure	11.2	14.5	16.5	12.4
High cholesterol	8.2	10.5	11.3	9.6
Diabetes	4.1	5.9	6.2	5.6
Asthma, emphysema or chronic bronchitis	4.7	5.5	5.3	5.7
Allergy	6.2	9.8	10.9	8.7
Depression	...	5.4	7.7	2.9
Heart disease	4	5.8	5.9	5.9

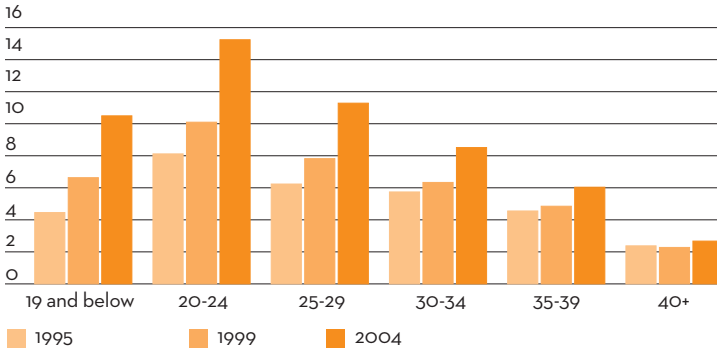
Source: Ministry of Health and Consumer Affairs. Spanish National Health Survey

Abortions

	1995	1999	2004
Number of abortions	49,367	58,399	84,985
Rate per 1,000 women aged 15-44	5.5	6.5	8.9

Source: Ministry of Health and Consumer Affairs. Voluntary termination of pregnancy

Abortions per 1,000 women by age group



Source: Ministry of Health and Consumer Affairs. Voluntary termination of pregnancy

Vaccination coverage in children (%)

Children aged under 1	1990	2000	2003	2004
Poliomyelitis (*)	94.0	95.0	98.5	96.9
Diphtheria/pertussis/Tetanus (*)	93.0	95.0	98.2	96.6
Type b <i>Haemophilus Influenzae</i> (*)	...	92.0	98.1	96.5
Type c Meningococcal meningitis	...	...	97.6	96.3
B-hepatitis (*)	...	...	97.6	96.9

(*) Triple dose basic series

Children aged over 1 and under 2	1990	2000	2003	2004
Measles/Rubella/Parotitis	97.0	94.0	97.7	97.3
Poliomyelitis booster (**)	...	94.0	96.0	94.7
Diphtheria/pertussis/tetanus booster (**)	...	...	95.8	94.9
Type b <i>Haemophilus influenzae</i> booster (**)	...	...	94.9	94.0

(**) single dose booster

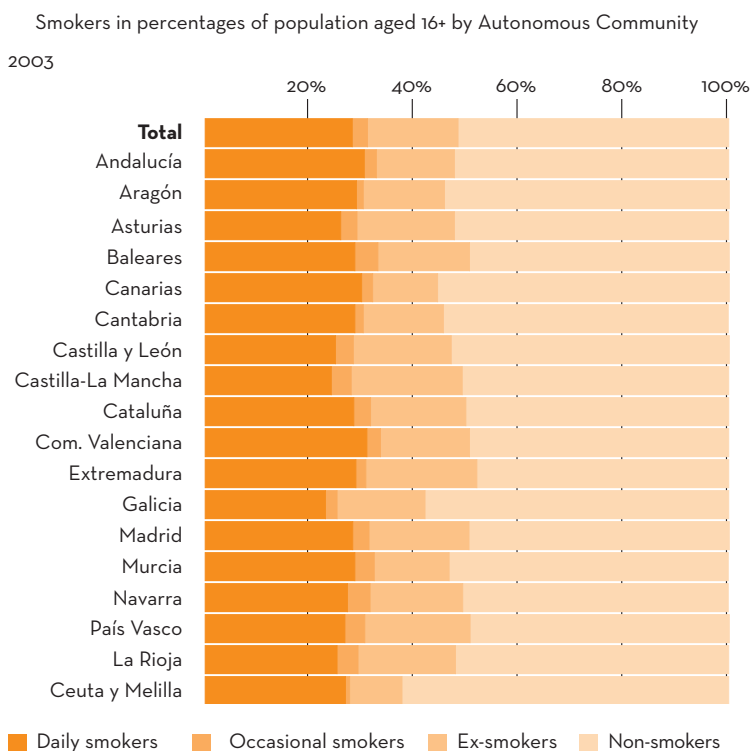
Source: Ministry of Health and Consumer Affairs. General Directorate for Public Health

Lifestyles

Smokers in percentages of population aged 16+

	1993	2003	Females (2003)	Males (2003)
Daily smokers	32,1	28,1	22,4	34,2
Occasional smokers	4,1	2,8	2,3	3,4
Ex-smokers	13,4	17,3	10,4	24,7
Non-smokers	50,4	51,7	64,9	37,8

Source: Ministry of Health and Consumer Affairs. Spanish National Health Survey



Source: Ministry of Health and Consumer Affairs. Spanish National Health Survey

Body mass indices. (weight kg/size m²) in adults aged 18+

2003	Total	Females	Males
Normal weight or underweight (<25.0 kg/m ²)	48.5	56.2	40.3
Overweight grade 1 (25.0-26.9 kg/m ²)	17.9	14.0	21.9
Overweight grade 2 (27-29.9 kg/m ²)	18.1	14.0	22.3
Obesity (>=30.0 kg/m ²)	13.3	13.6	13.0
Not stated	2.3	2.2	2.5

Source: Ministry of Health and Consumer Affairs. Spanish National Health Survey

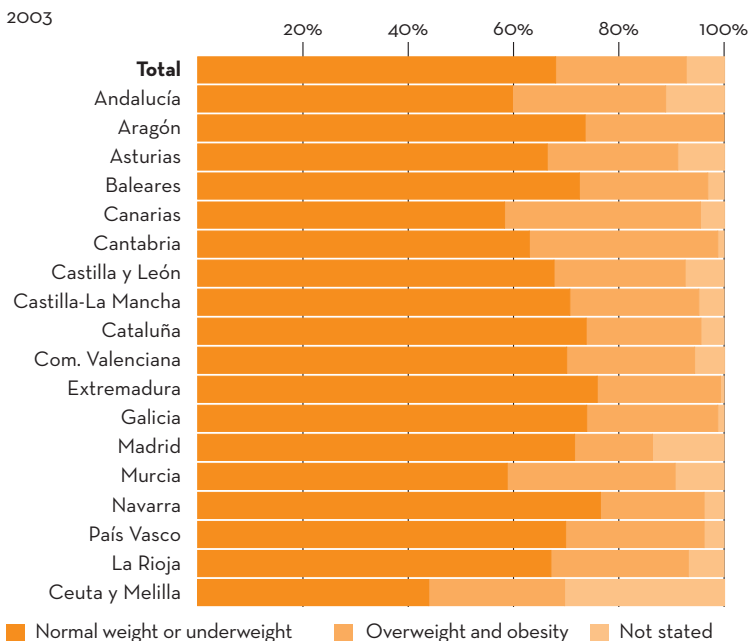
Body mass indices (*) in children aged 2-17

2003	Total	Girls	Boys
Normal weight or underweight	68.0	69.1	66.9
Overweight and obesity	24.8	23.6	25.8
Not stated	7.3	7.3	7.3

The table uses the body mass index cut-off points for child overweight and obesity published in Cole TJ, Bellizzi MC, Flegal KM, Dietz WH. *Establishing a standard definition for child overweight and obesity worldwide: international survey.* BMJ 2000; 320:1-6.

Source: Ministry of Health and Consumer Affairs. Spanish National Health Survey

Body mass indices in children aged 2-17, by Autonomous Community



Source: Ministry of Health and Consumer Affairs. Spanish National Health Survey

Ministry of Health and Consumer Affairs

Paseo del Prado 18-20, 28071 Madrid / Tel: 91 596 10 00 / www.msc.es

Autonommous Communities

Andalucía

www.juntadeandalucia.es

Extremadura

www.juntaex.es

Aragón

<http://portal.aragob.es>

Galicia

www.xunta.es

Asturias (Principado de)

www.princast.es

Madrid (Comunidad de)

www.madrid.org

Baleares (Islas)

www.caib.es

Murcia (Región de)

www.murciasalud.es

Canarias

www.gobiernodecanarias.org

Navarra (Com. Foral de)

www.navarra.es

Cantabria

www.gobcantabria.es

País Vasco

www.osanet.euskadi.net

Castilla y León

www.jcyl.es

La Rioja

www.larioja.org

Castilla-La Mancha

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Ceuta

www.ceuta.es

Cataluña

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Melilla

www.melilla.es

Comunidad Valenciana

www.san.gva.es

