

Organisation of the health care system in Germany

Virus Hepatitis Prevention Board
Berlin, 13. October 2003

Johannes Hallauer, HU Berlin



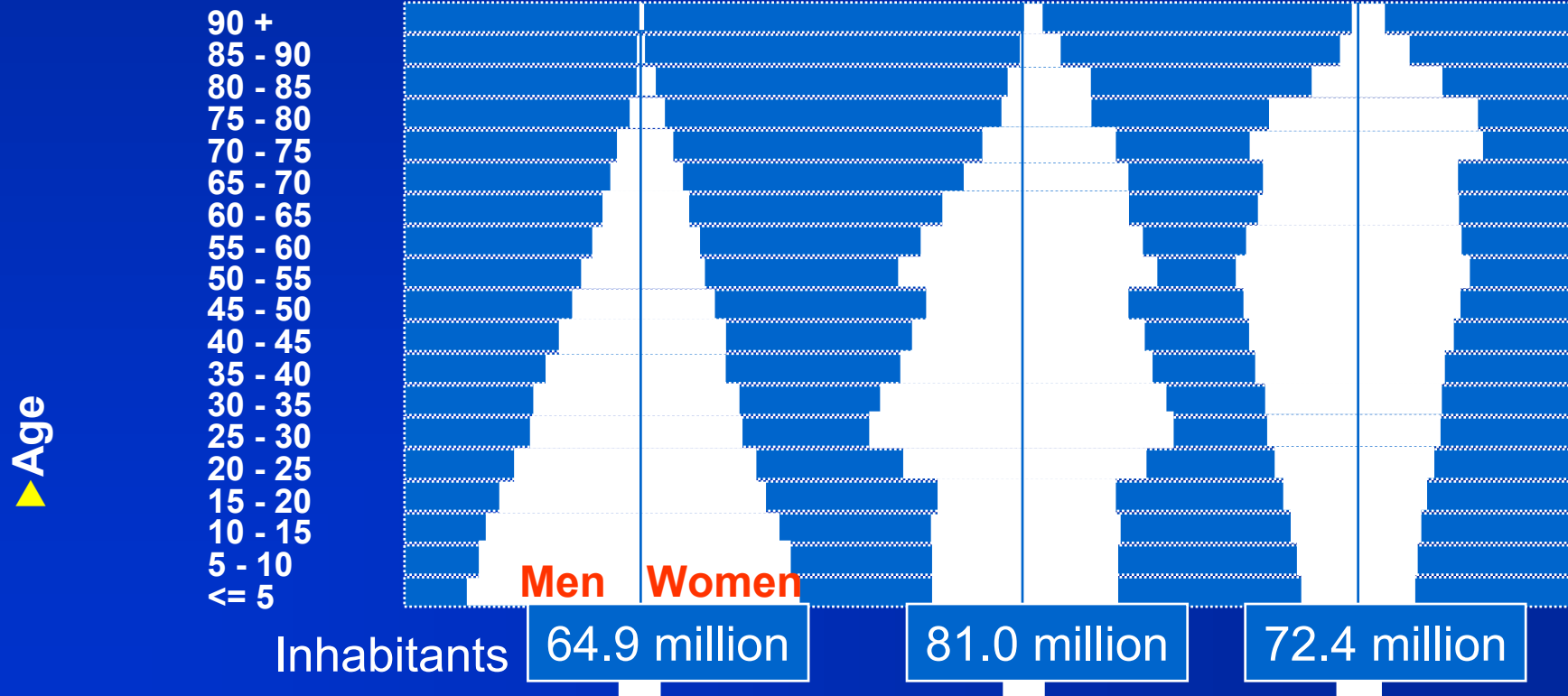
German tree of life

Age stratification in 5-year age groups

German Empire
1910

Federal Republic of Germany
1992

2040
Estimate!



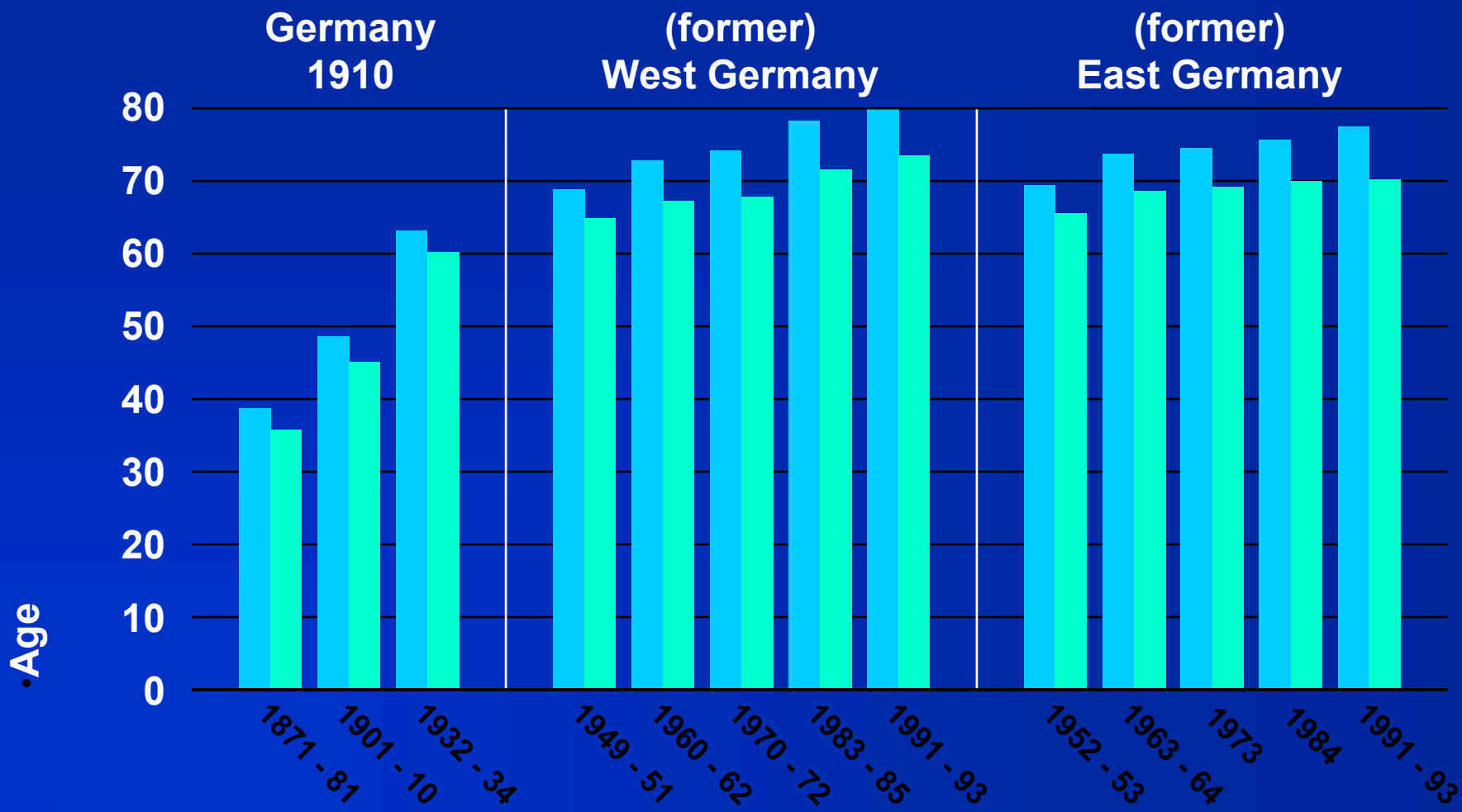
Birth rates 1960 to 2000

Entwicklung der Geburtenziffern in ausgewählten Staaten

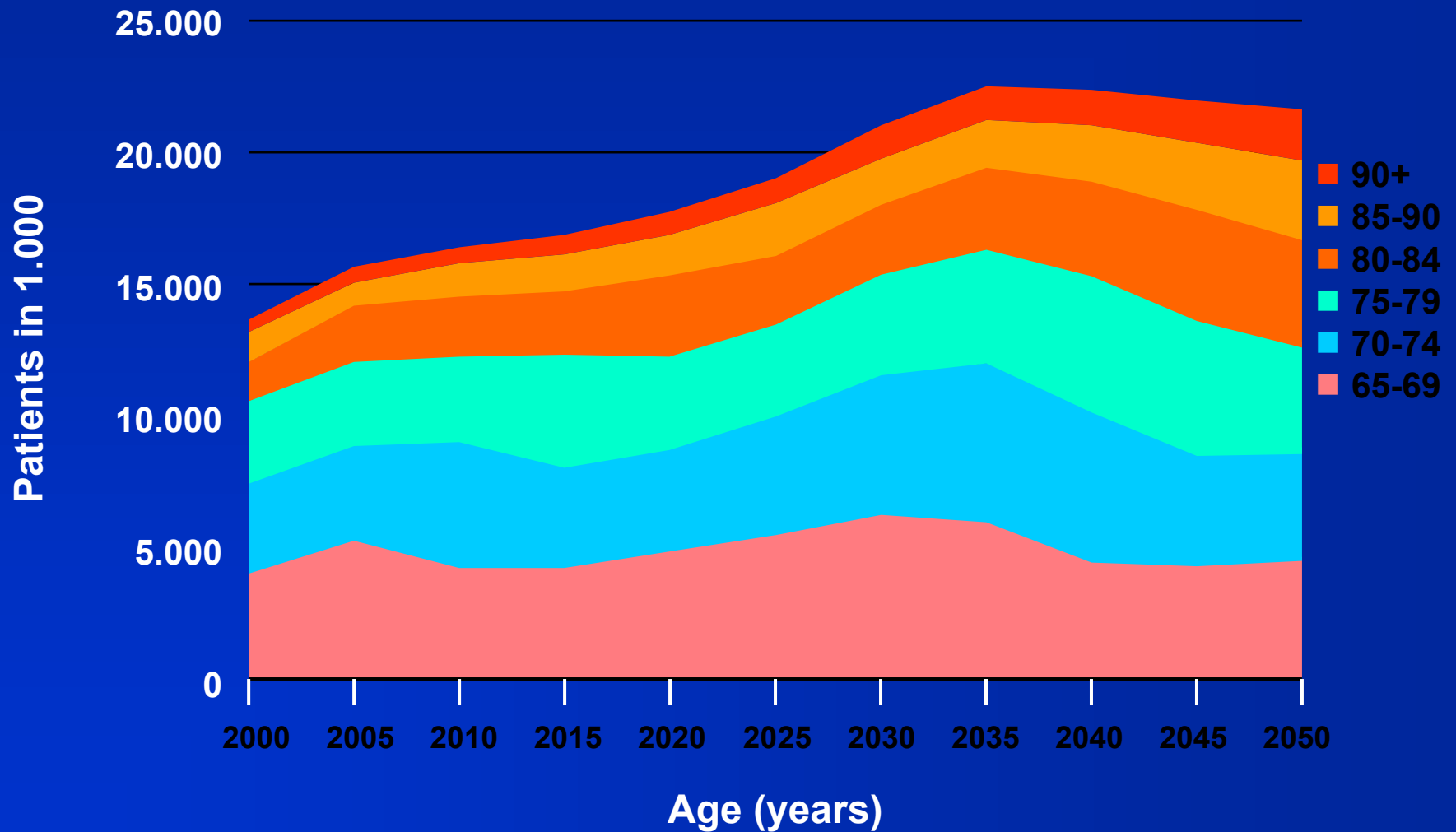
Staat	Lebendgeborene							
	1960	1970	1980	1990	1995	1998	1999	2000
	je 1.000 Einwohner							
Deutschland	17,3	13,5	11,0	11,4	9,4	9,6	9,4	9,3
Belgien	17,0	14,8	12,6	12,4	11,4	11,2	11,2	...
Dänemark	16,6	14,4	11,2	12,3	13,3	12,5	12,4	...
Finnland	18,5	14,0	13,2	13,1	12,3	11,1	11,1	...
Frankreich	17,9	16,7	14,9	13,4	12,5	12,6	12,6	...
Griechenland	18,9	16,5	15,4	10,1	9,7	9,6	9,7	...
Irland	21,5	21,8	21,8	15,1	13,5	14,5	14,2	...
Italien	18,1	16,7	11,3	10,0	9,2	9,3	9,3	...
Luxemburg	15,9	13,0	11,4	12,9	13,2	12,7	12,9	...
Niederlande	20,8	18,3	12,8	13,2	12,3	12,7	12,7	...
Österreich	17,9	15,0	12,0	11,7	11,0	10,1	9,7	...
Portugal	24,1	20,8	16,2	11,8	10,8	11,4	11,6	...
Schweden	13,7	13,7	11,7	14,5	11,7	10,1	...	...
Spanien	21,5	19,7	15,3	10,3	9,3	9,2	9,6	...
Verein. Königreich	17,5	16,2	13,4	13,9	12,5	12,1	11,8	...
Schweiz	17,6	16,1	11,7	12,5	11,7	11,0	11,0	...
Verein. Staaten	23,7	18,4	15,9	16,7	14,9	14,6	...	...
Japan	17,2	18,9	13,6	10,0	9,5	9,5	...	...
Indien	38,9	36,8	33,7	30,2	28,3	...	...	...
Australien	22,4	20,6	15,3	15,4	14,2	13,3	...	...
Ägypten	43,1	35,1	37,5	*33,5	27,7	...	...	...

Average life expectancy in Germany

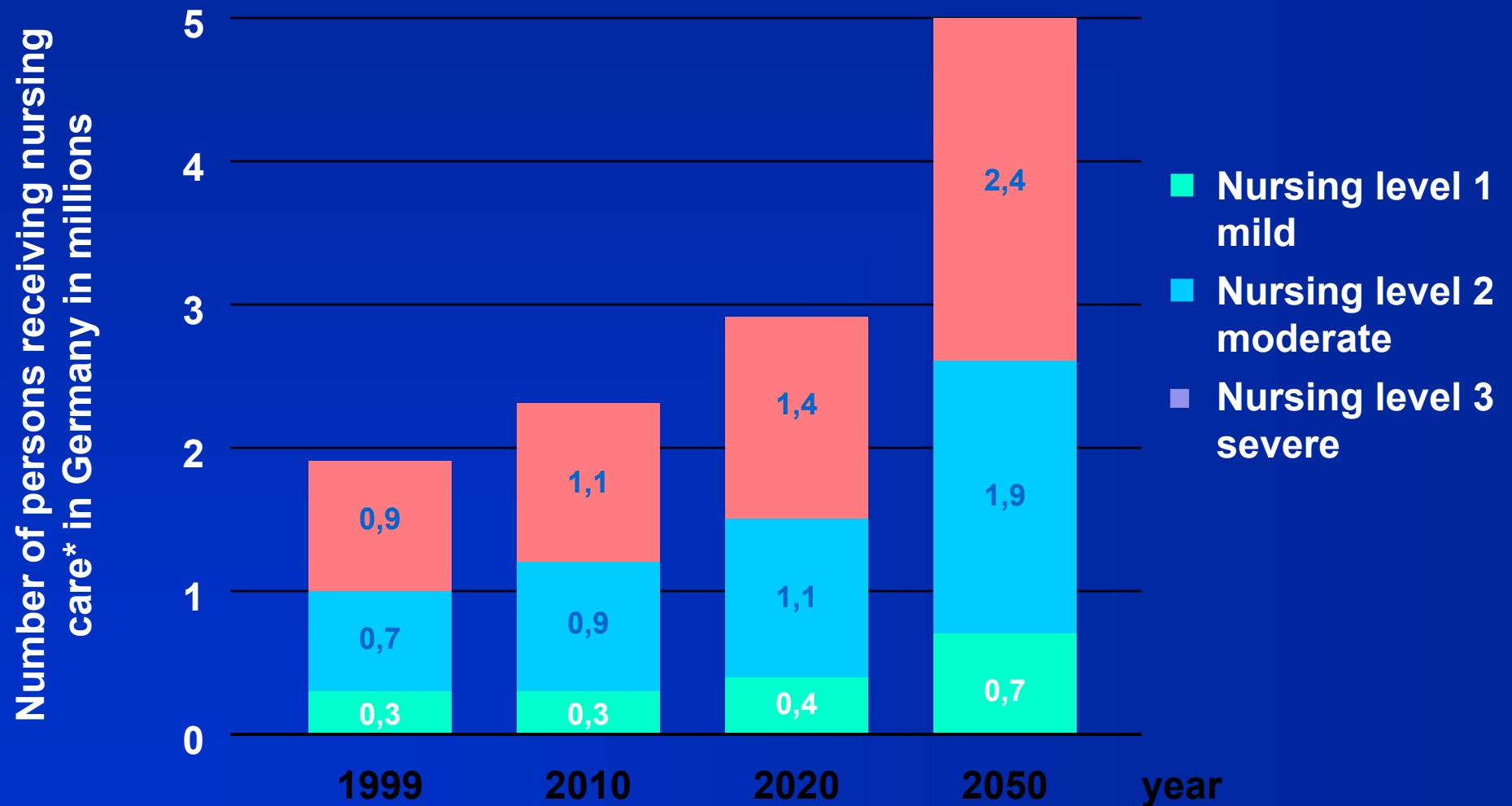
■ Women ■ Men



Demographic development in Germany



Development of nursing insurance



*Recipients of private and social nursing insurance benefit

D/W 2001

Gesundheits-Hitliste über die medizinische Versorgung in den 191 Mitgliedsstaaten

WHO Weltgesundheitsreport vom 21. Juni 2000

Rang	Land
1	Frankreich
2	Italien
3	San Marino
4	Andorra
5	Malta
6	Singapur
7	Spanien
8	Oman
9	Österreich
10	Japan
11	Norwegen
12	Portugal
13	Monaco
14	Griechenland
15	Island
16	Luxemburg
17	Niederlande
18	Großbritannien
19	Irland

20	Schweiz
21	Belgien
22	Kolumbien
23	Schweden
24	Zypern
25	Deutschland
26	Saudi-Arabien
27	Ver. Arab. Emirate
28	Israel
29	Marokko
30	Kanada
31	Finnland
32	Australien
33	Chile
34	Dänemark
35	Dominica
36	Costa Rica
37	USA

Political System in Germany

Legislation

BUNDESTAG "congress"

federal government
coalition SPD + Greens
Federal election 09/2002

Passes bills

16
state
governments

BUNDES RAT "senate"

fed. states with SPD/Greens
or CDU/CSU/FDP
governments

Approves bills
concerned with interests
of federal states

Law Execution and Supervision

Federal Administration

ex. > drug registration
> insurance control
> Federal Work Office

Self Administration

ex. > physicians' fees
> drug budgeting
> collective settlements

State Administrations

ex. > GMP supervision
> licensing of professions
> fiscal authorities

Social Insurance System in Germany

Solidarity Principle: Benefits independent of indiv. contribution

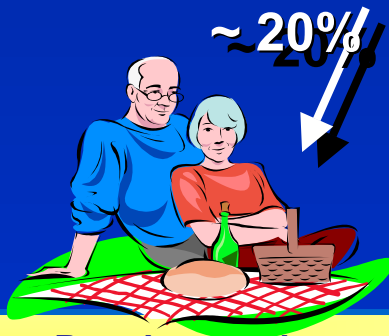
Organized and managed by corporate bodies, government sets legal frame

Mandatory enrollment with very little exceptions

Contribution rates related to gross income (salaries)



Payroll contribution rates (payed 50% by employer and employee each)



~20%

Pension funds

Mandatory enrollment for employees earning 4.400 €/mth

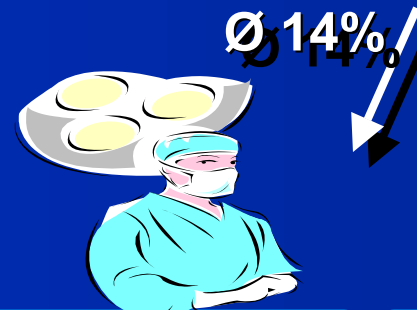
Early retirement and rising life expectancy challenge the current financing system



7%

Unemployment

Unemployment rates (~10%) are a major focus in political discussion



Ø 14%

Statutory Health Insurance

Mandatory enrollment for employees earning less 3.300 €/month

Coverage also for unemployed or family members



2%

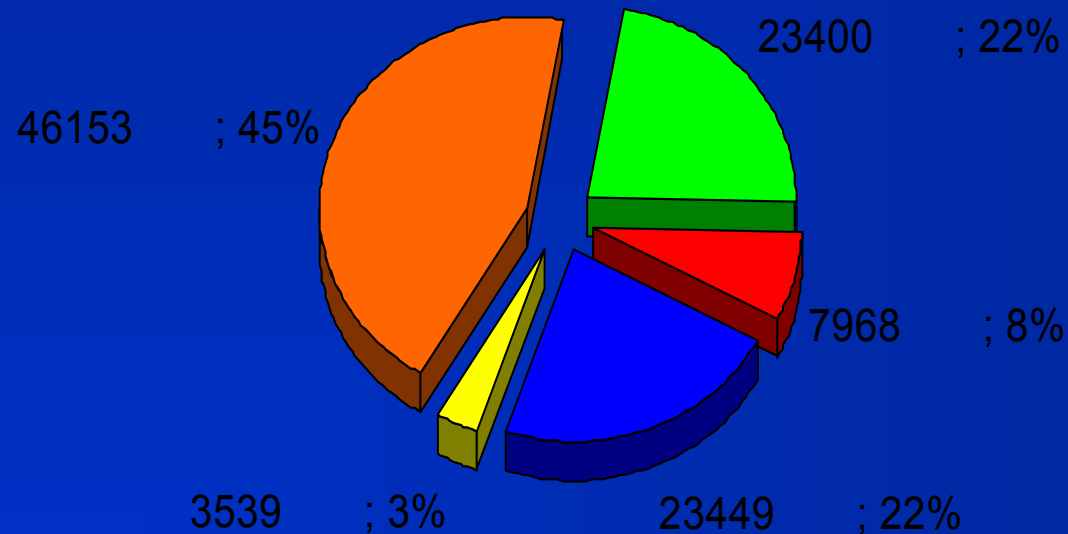
Long-term-Care Insurance

Statutory Insurance against costs of long-term-care follows SHI-membership

Health Care Expenditure Germany

Gegenstand der Nachweisung	Indikatoren der Gesundheitsausgabenrechnung								
	in den Jahren								
	1992	1993	1994	1995	1996	1997	1998	1999	2000
	Mrd. EURO								
Bruttoinlandsprodukt (BIP)	1.613,2	1.654,2	1.735,5	1.801,3	1.833,7	1.874,7	1.934,9	1.982,4	2.032,9
Gesundheitsausgaben	163,2	168,1	180,2	194,0	203,0	203,9	208,4	214,3	218,4
	Mill.								
Bevölkerung ⁽¹⁾	80,6	81,2	81,4	81,7	81,9	82,1	82,0	82,1	82,3
	in Prozent								
Anteil der Gesundheitsausgaben am BIP	10,1	10,2	10,4	10,8	11,1	10,9	10,8	10,8	10,7
	EURO								
Gesundheitsausgaben je Einwohner	2.030	2.070	2.210	2.380	2.480	2.490	2.540	2.610	2.660

Distribution of Health care cost Germany in Million € in 2002



■ Ärzte

■ Zahn-
ärzte

■ Arzneien, Verband-
Heil-u.Hilfsmittel

■ Zahn-
ersatz

■ Krankenhaus-
behand-

Vergleich Deutschland - USA

Krankenhausdaten 1999

▶ Kosten Deutschland:

- ▶ 602 DM / Pflage-tag
- ▶ 6.247 DM / KH-Fall
- ▶ 1.237,53 DM KH-
Kosten / EW / a
- ▶ KH verbrauchen 34 %
Gesundheitsausgaben
- ▶ Quelle: Krankenhausreport 2001, eigene
Berechnungen

▶ Kosten USA:

- ▶ 2.426 DM / Pflage-tag
- ▶ 14.326 DM / KH-Fall
- ▶ 1.714,82 DM KH-
Kosten / EW / a
- ▶ KH verbrauchen 37 %
Gesundheitsausgaben
- ▶ Quelle: Health, United States, CDC 2001,
eigene Berechnungen

Comparison - USA Germany

Hospital data 1999

▶ **Deutschland**

- ▶ 68,8 Betten / 10.000 EW
- ▶ 81,8 % Bettenauslastung
- ▶ 10,4 Tage Verweildauer
- ▶ 1.981 KH-Fälle/10.000
- ▶ 20.602 Pflage tage/10.000
- ▶ 51,7 % KH < 200 Betten
- ▶ 12,0 % KH > 500 Betten

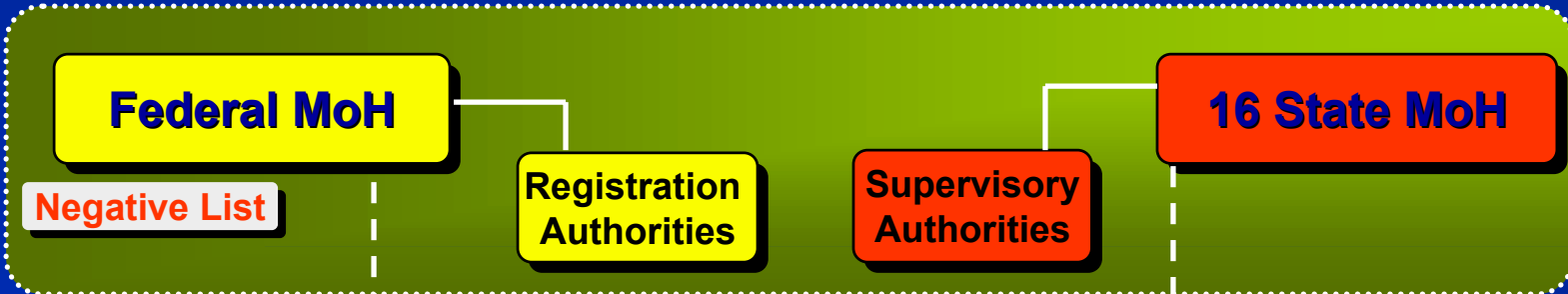
▶ **USA**

- ▶ 30,0 Betten / 10.000 EW
- ▶ 66,1 % Bettenauslastung
- ▶ 4,6 Tage Verweildauer
- ▶ 1.197 KH-Fälle/10.000
- ▶ 5.551 Pflage tage/10.000
- ▶ 60 % KH < 200 Betten
- ▶ 4,5 % KH > 500 Betten
- ▶ Quelle: Health, United States, CDC 2001

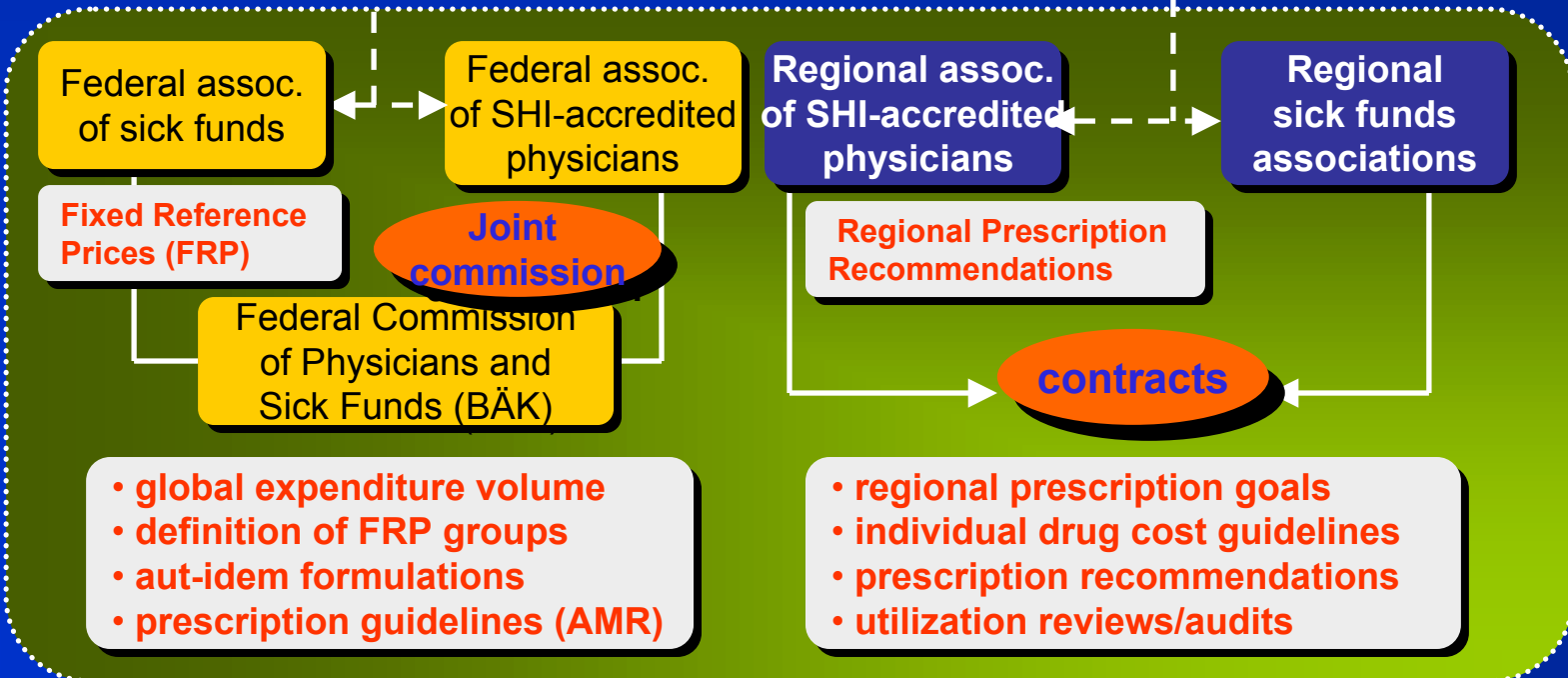
- ▶ Quelle: Krankenhausreport 2001

Health Care Decision Structure

Supervision, setting legal frame



Self Administration



Siloed HC system

Healthcare System –
driven by component management

Long-term care
insurance

Deter-
mined by

Physicians
association
:
sick fund
associations

Physicians
association
:
sick fund
associations

Regional MoH
("Länder")
+
Hospitals
:
sick funds

Benefits and
contribution
rates legally
defined, no
negotiations

Physician
salaries

Drugs

In patient
care

Long-term
Care

15,9% of
GKV exp.

15,5% of
GKV exp.

32,4% of
GKV exp.

No
interaction

Trade off between physician income
and drug "budgets"

Separate
budget

Separate
budget

