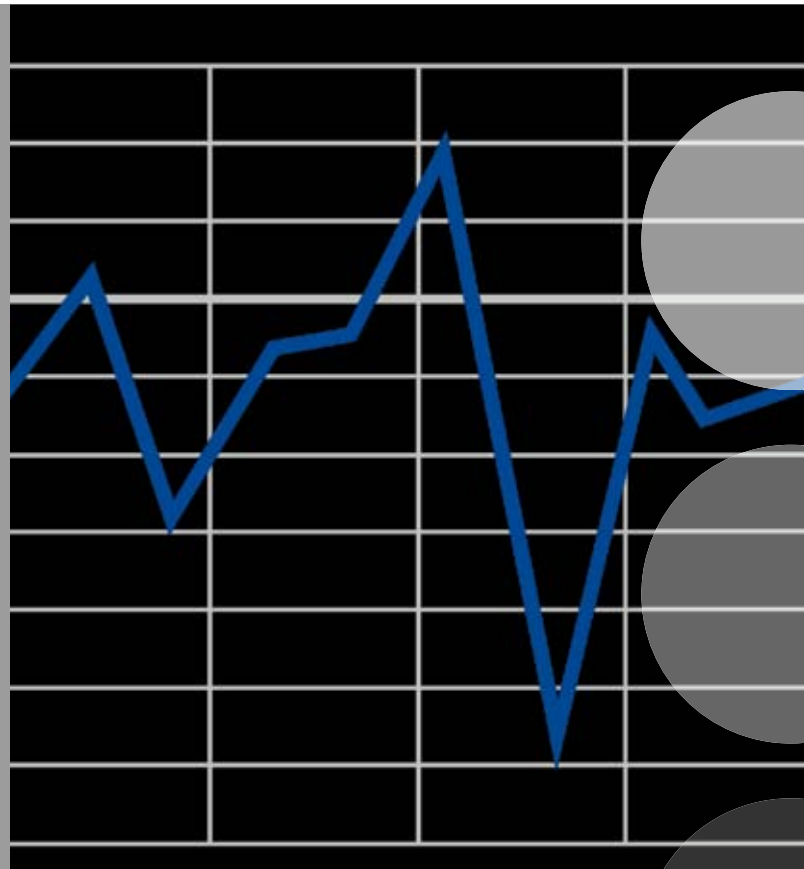


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DGUV Statistics 2011

Figures and long-term trends

DGUV Statistics 2011

Current figures and long-term trends relating to the industrial and the public sector accident insurers

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General remarks

In Germany, the Gewerbliche Berufsgenossenschaften (BGs) and the Unfallversicherungsträger der öffentlichen Hand (UVTöH) are the institutions for statutory accident insurance and prevention for the industrial (BGs) and public (UVTöH) sector. The Deutsche Gesetzliche Unfallversicherung (German Statutory Accident Insurance, DGUV) was founded by the BGs and UVTöH in 2007 to support their common objectives and to serve their mutual interest.

Since 1969, the former central federation of the BGs, the HVBG, has published annually a booklet under the title “Arbeitsunfallstatistik für die Praxis” containing figures and long-term trends from the BG. The scope of data compiled has been extended several times over this period. Considering this development, the German title of the brochure has been changed to “BG-Statistiken für die Praxis” in 1992. Since 1993, an English translation of the brochure has been published every year, responding to the growing interest shown in these figures abroad. Following the merger into DGUV in 2007, the statistical information of the industrial (BGs) and public (UVTöH) sector were brought together.

The material has been compiled using the many years of experience gained in dealing with requests for statistical data from the BG and the UVTöH. First, the booklet contains information on the number of member companies, hours worked and persons insured. Furthermore, data on reportable and fatal accidents at work (including day care and school) and on the way to and from work as well as new accident pensions are given. A list of all occupational diseases (OD) is included as well as the number of notifications of a suspected case of OD, the recognized OD cases, new OD pensions and a summary of all OD cases a decision was taken on in the year under review. Finally, data on the number of pensions, the apportionment quota required of member companies, the expenditure of the BG and the UVTöH including that for accident prevention, curative treatment and pensions are provided, together with selected information on the BGs and UVTöH work in the field of accident prevention and worker protection.

The time-series normally begins in 1986 when in some areas the statistical basis used in accident insurance has been changed.

Inclusion of the new federal states in eastern Germany

Since January 1, 1991, the BG and UVTöH have also been responsible for the new federal states in eastern Germany. Therefore these have been included in the data since 1991. For that reason it is not possible to make any direct comparison between the figures for these years and figures for previous years. This applies in particular to the frequency of new pensions awarded due to ill health: Pensions are only granted when all attempts have been made to rehabilitate the person concerned; hence in particularly serious cases in which the person is hospitalised for a long time or spends a long time in vocational retraining, a long period may elapse between the accident occurring and compensation being received. In 1991 and 1992, those cases have not been compensated by cases from preceding years, leading to an artificial decrease of new pension rates in these years. Since 1993, the rates are again reflecting the actual risks.

In addition to this, the former GDR law on occupational diseases with its own list of recognized diseases continued to apply in the new federal states until the end of 1991. Even after 1991, cases of occupational disease listed under former GDR law may still be recognized, as long as the insured event took place before January 1, 1992, and notification of the suspected case of the disease was made before the end of 1993.

Introduction of the European Single Currency Euro

Since introduction of the Euro on January 1, 2001, all monetary figures have been reported in Euro. To facilitate a comparison with the previous years, the figures before 2001 have been converted in €, the conversion being based on the factor 1.95583 DM for 1 €.

Merger into Deutsche Gesetzliche Unfallversicherung

On June 1, 2007, the BGs and the UVTöH merged their umbrella associations - the registered associations HVBG and BUK, the former central federation of the UVTöH, - to the Deutsche Gesetzliche Unfallversicherung.

Definition of terms

Berufsgenossenschaften (BGs): Institutions for statutory accident insurance and prevention for the industrial sector.

Unfallversicherungsträger der öffentlichen Hand (UVTöH): Institutions for statutory accident insurance and prevention for the public sector.

Reportable accidents:

- Accidents at work or on the way to or from work (commuting accidents) which are either fatal or lead to an incapacity to work for more than three days.
- Accidents at school¹ or on the way to or from school which are either fatal or lead to medical attention.

New occupational accident pensions / new commuting accident pensions: Accidents at work or commuting accidents for which compensation was paid for the first time in the year under review either in the form of a pension, a lump-sum or a death grant.

Notification of a suspected case of occupational disease:

Any notification of a suspected case of occupational disease received by the BG or UVTöH from insured persons, health insurance funds, companies or other sources, regardless of whether or not the suspicion proves justified.

Recognized occupational diseases:

Of all reports of suspected occupational disease, all those cases in which it has been proved in an adjudication procedure that the person is indeed suffering from the occupational disease. For some diseases, the confirmation of the occupational causation must coincide with additional insurance conditions, e.g. some diseases must have forced the person to refrain from all activities which led or could lead to the development, aggravation or recurrence of the illness. If such conditions are not fulfilled, a formal OD recognition is not possible. Nevertheless, extensive benefits for

prevention, curative treatment and vocational help are often granted in these cases.

New occupational disease pensions: Those cases of recognized occupational disease for which the insurance requirements for compensation in the form of a pension or a death grant were established for the first time in the year under review.

Full time equivalent employees (FTE): Factor used in calculating the incidence of work-related accidents. A full time equivalent employee (FTE) is defined in relation to the average annual number of actual working hours for a full time employee in industry and in services sectors and is therefore a reflection of the period of exposure to the risk of accidents at work.

Insurance relationship: Any relationship between an insurer and an insured person based on legal ordinance, bearing in mind that one person may have multiple insurance relationships; used as a basis for calculating the frequency of commuting accidents since every insured activity also entails the risk of a commuting accident.

Apportionment quota: Surplus of the outgoings of the Berufsgenossenschaften over their incomings which, at the end of the year under review, is divided between the industrial companies.

Contribution quota: Surplus of the outgoings of the public sector accident insurers over their incomings which is shared among the insured municipality and affiliated companies following the budget plan before the year under review.

Compensation: All cash and non-cash benefits to those who have been injured or have become ill or to surviving dependents.

Expenditure on prevention: These are the costs for administration and coordination. The members of the professional associations themselves are obliged by law to carry out accident prevention in their business. No statistics are compiled on their expenditure but it is without doubt many times greater than the expenditure of the professional associations recorded here.

¹ The statutory pupil accident insurance covers all children and adolescents from nursery school through university during their time at school and day care, including their way to and from school.

Table 1:

Companies, hours worked and full time equivalent employees

Year	Companies ¹	Hours worked in 1,000	Full time equivalent employees	FTE guideline figure ²
1986	2,214,076	43,043,835	26,570,268	1,620
1987	2,313,818	43,312,230	26,735,945	1,620
1988	2,339,865	44,216,544	27,294,162	1,620
1989	2,384,782	44,966,404	27,929,445	1,610
1990	2,443,363	45,997,896	28,929,494	1,590
1991	2,717,863	55,477,118	34,891,270	1,590
1992	2,851,798	57,115,290	35,256,353	1,620
1993	2,948,708	54,702,338	34,842,255	1,570
1994	3,013,134	54,565,447	34,755,061	1,570
1995	3,132,124	55,669,869	35,458,515	1,570
1996	3,177,649	55,237,318	36,340,342	1,520
1997	3,263,723	54,997,934	35,946,363	1,530
1998	3,326,795	54,953,063	35,453,589	1,550
1999	3,346,331	55,710,761	35,712,028	1,560
2000	3,392,402	55,069,456	35,759,390	1,540
2001	3,383,339	54,390,727	35,549,496	1,530
2002	3,379,854	53,188,970	34,764,031	1,530
2003	3,407,108	52,643,805	34,407,718	1,530
2004	3,523,000	55,276,837	34,985,339	1,580
2005	3,614,349	54,031,845	34,415,187	1,570
2006	3,475,002	55,616,874	35,200,557	1,580
2007	3,464,587	56,908,994	35,791,823	1,590
2008	3,504,709	58,377,951	36,259,598	1,610
2009	3,669,406	57,246,629	36,462,823	1,570
2010	3,806,367	59,105,870	36,941,169	1,600
2011	3,734,454	59,586,190	37,475,591	1,590

¹ Companies, private households and assistance companies² For definition see note on p. 9

Table 1a:

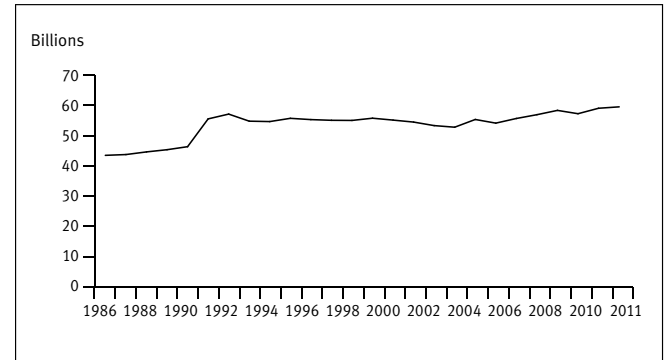
Institutions, insureds in statutory pupil accident insurance

Year	Educational institutions ¹	Insureds ²
1986	56,757	12,612,325
1987	57,622	12,136,518
1988	57,676	11,989,188
1989	57,864	11,908,904
1990	58,155	11,956,684
1991	67,342	14,878,096
1992	76,363	15,844,198
1993	80,158	16,153,547
1994	80,871	16,336,970
1995	82,066	16,452,524
1996	83,099	16,809,262
1997	98,049	17,540,222
1998	99,975	17,659,188
1999	100,354	17,583,620
2000	94,048	17,363,208
2001	91,112	17,444,431
2002	93,230	17,479,762
2003	94,898	17,443,636
2004	89,054	17,416,479
2005	87,795	17,373,585
2006	120,260	17,399,085
2007	120,019	17,268,114
2008	126,771	17,058,553
2009	131,026	17,072,402
2010	136,766	17,122,852
2011	140,512	17,071,776

¹ Including day care facilities

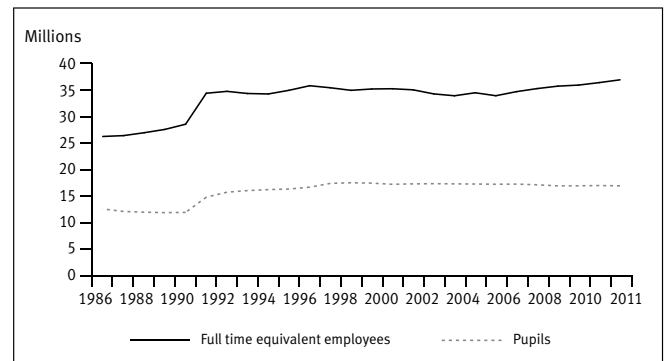
² Pupils from nursery school (including day care) through university

**Figure 1:
Hours worked***



* Excluding day care and school

**Figure 2:
Full time equivalent employees/pupils***



* Children and adolescents from nursery school through university

Table 2:

Companies¹ by size in 2011

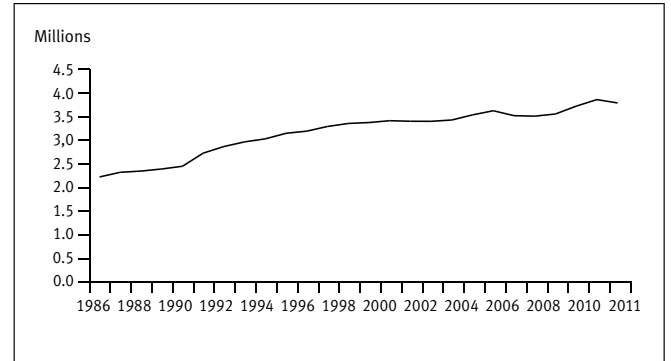
	Number of companies with ... FTE					All comp-anies ²
	up to 9	10 to 49	50 to 249	250 to 499	500 or more	
Accident insurance in industrial sector	2,837,107	305,912	64,645	8,435	6,234	3,228,380
101 BG for the raw materials and chemical industry	25,787	5,907	2,864	499	346	35,403
102 BG for the wood-working and metal-working industries	160,760	35,598	9,448	1,280	736	207,822
103 BG for the energy, textile, electrical and media products sectors	175,682	26,207	7,496	1,045	887	211,317
104 BG for the building trade	249,900	29,719	3,772	323	196	283,910
105 BG for the foodstuffs and catering industry	215,066	25,509	4,385	468	258	245,687
106 BG for the trade and distribution industry	378,818	35,329	8,451	962	799	427,643
107 BG for the transport industry	177,207	18,244	3,165	277	135	199,099
108 BG for the administrative sector	910,111	87,998	17,027	2,502	1,939	1,019,577
109 BG for the health and welfare services	543,776	41,401	8,037	1,079	938	597,922
Accident insurance in public sector (General AI³)	8,078	8,300	4,648	1,137	1,322	23,589
Total	2,845,185	314,212	69,293	9,572	7,556	3,251,969

¹ Without private households and assistance companies

² In some cases the size of companies was not available. So summing up does not always coincide with the column

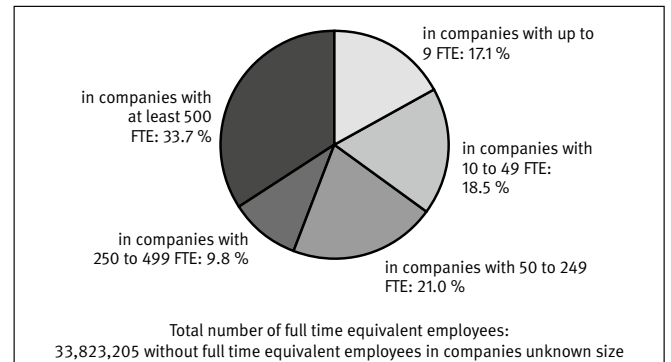
³ General AI (General Accident Insurance): Public Sector accident insurance without pupil accident insurance

**Figure 3:
Companies***



* Companies, private households, assistance companies and schools (including day care)

**Figure 4:
Full time equivalent employees* by company size 2011**



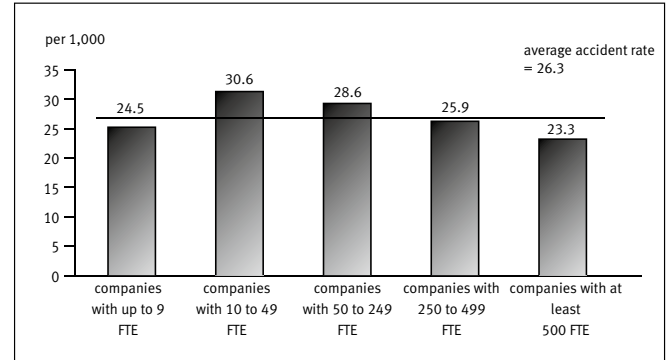
* Full time equivalent employees (only for dependent employees, employers and non-professional construction workers)

Table 3:

Full time equivalent employees/pupils

	1995	2000	2005	2010	2011
Accident insurance in industrial sector	30,323,480	30,843,368	29,445,332	31,800,544	32,338,580
101 BG for the raw materials and chemical industry	1,530,330	1,390,797	1,239,124	1,179,281	1,195,822
102 BG for the wood-working and metal-working industries	4,491,964	4,362,292	3,958,779	3,844,841	3,915,190
103 BG for the energy, textile, electrical and media products sectors	3,641,234	3,498,258	3,141,625	2,893,902	2,941,665
104 BG for the building trade	3,324,764	2,723,932	1,846,606	1,769,325	1,832,405
105 BG for the foodstuffs and catering industry	2,117,452	2,045,719	1,892,250	1,817,047	1,825,253
106 BG for the trade and distribution industry	3,689,538	3,677,160	3,698,166	3,739,645	3,775,245
107 BG for the transport industry	1,335,190	1,444,837	1,343,007	1,421,226	1,377,352
108 BG for the administrative sector	7,449,732	8,671,810	8,876,661	11,047,870	11,275,690
109 BG for the health and welfare services	2,743,276	3,028,563	3,449,114	4,087,407	4,199,958
Accident insurance in public sector (General AI)	5,135,036	4,916,022	4,969,855	5,140,625	5,137,011
Total	35,458,516	35,759,390	34,415,187	36,941,169	37,475,591
Pupil accident insurance					
<i>Pupils</i>	16,452,524	17,363,208	17,373,585	17,122,852	17,071,776

Figure 5:
Reportable occupational accidents at the workplace* per 1,000 FTE in 2010 by company size



* In this case only occupational accidents at the workplace are included, since these are the only types of accident where a comparison of company size is informative. The average accident rate is therefore not identical to the accident rate shown in table 5.

Table 4:

**Reportable work-related accidents
– absolute figures –**

Year	Accidents at work	Work-related commuting accidents	All accidents
1986	1,390,531	167,368	1,557,899
1987	1,384,564	183,611	1,568,175
1988	1,403,458	172,000	1,575,458
1989	1,430,279	171,127	1,601,406
1990	1,495,569	185,257	1,680,826
1991	1,817,711	240,819	2,058,530
1992	1,874,713	258,100	2,132,813
1993	1,747,574	261,528	2,009,102
1994	1,727,095	242,729	1,969,824
1995	1,651,481	264,584	1,916,065
1996	1,504,436	255,837	1,760,273
1997	1,453,100	235,983	1,689,083
1998	1,443,401	245,740	1,689,141
1999	1,421,757	244,335	1,666,092
2000	1,380,289	231,332	1,611,621
2001	1,273,478	230,336	1,503,814
2002	1,187,694	219,897	1,407,591
2003	1,032,997	199,703	1,232,700
2004	985,410	188,253	1,173,663
2005	931,932	185,146	1,117,078
2006	948,546	191,186	1,139,732
2007	959,714	167,067	1,126,781
2008	971,620	176,608	1,148,228
2009	886,122	178,590	1,064,712
2010	954,459	223,973	1,178,432
2011 ¹	919,025	188,452	1,107,477

¹ In 2011 some UV TöH have changed the administrative process for the declaration of reportable accidents, so that the numerical value is of limited statistical reliability.

Table 4a:

**Reportable school accidents
– absolute figures –**

Year	Accidents at school	School-related commuting accidents	All accidents
1986	881,969	94,423	976,392
1987	897,810	94,137	991,947
1988	902,057	92,292	994,349
1989	884,182	89,036	973,218
1990	879,163	90,298	969,461
1991	977,129	105,920	1,083,049
1992	1,217,928	118,379	1,336,307
1993	1,289,485	126,619	1,416,104
1994	1,343,003	125,425	1,468,428
1995	1,338,643	135,707	1,474,350
1996	1,369,534	141,575	1,511,109
1997	1,439,713	148,258	1,587,971
1998	1,481,248	151,970	1,633,218
1999	1,512,084	151,280	1,663,364
2000	1,463,423	140,275	1,603,698
2001	1,441,817	141,995	1,583,812
2002	1,425,909	139,653	1,565,562
2003	1,361,305	140,254	1,501,559
2004	1,328,808	127,768	1,456,576
2005	1,290,782	124,650	1,415,432
2006	1,279,771	124,824	1,404,595
2007	1,282,464	114,510	1,396,974
2008	1,332,424	118,563	1,450,987
2009	1,250,552	115,534	1,366,086
2010	1,307,348	124,572	1,431,920
2011	1,293,653	114,157	1,407,810

Table 5:

**Reportable work-related accidents
– per 1,000 FTE/weighted insurance relationships –**

Year	Accidents at work		Work-related commuting accidents per 1,000 weighted insurance relationships
	Per 1,000 full time equivalent employees	Per one million manhours	
1986	52.33	32.30	6.14
1987	51.79	31.97	6.59
1988	51.42	31.74	5.88
1989	51.21	31.81	5.71
1990	51.70	32.51	5.97
1991	52.10	32.77	6.01
1992	53.17	32.82	6.37
1993	50.16	31.95	6.61
1994	49.69	31.65	6.18
1995	46.58	29.67	6.60
1996	41.40	27.24	6.43
1997	40.42	26.42	5.89
1998	40.71	26.27	6.19
1999	39.81	25.52	6.08
2000	38.60	25.06	5.73
2001	35.82	23.41	5.75
2002	34.16	22.33	5.60
2003	30.02	19.62	5.16
2004	28.17	17.83	4.86
2005	27.08	17.25	4.72
2006	26.95	17.06	4.78
2007	26.81	16.86	4.05
2008	26.80	16.64	4.23
2009	24.30	15.48	4.24
2010	25.84	16.15	5.25
2011 ¹	24.52	15.42	4.34

¹ In 2011 some UVTöH have changed the administrative process for the declaration of reportable accidents, so that the numerical value is of limited statistical reliability.

Table 5a:

**Reportable school accidents
– per 1,000 pupils –**

Year	Accidents at school per 1,000 pupils	School-related commuting accidents per 1,000 pupils	All accidents per 1,000 pupils
1986	69.93	7.49	77.42
1987	73.98	7.76	81.73
1988	75.24	7.70	82.94
1989	74.25	7.48	81.72
1990	73.53	7.55	81.08
1991	65.68	7.12	72.79
1992	76.87	7.47	84.34
1993	79.83	7.84	87.67
1994	82.21	7.68	89.88
1995	81.36	8.25	89.61
1996	81.47	8.42	89.90
1997	82.08	8.45	90.53
1998	83.88	8.61	92.49
1999	85.99	8.60	94.60
2000	84.28	8.08	92.36
2001	82.65	8.14	90.79
2002	81.57	7.99	89.56
2003	78.04	8.04	86.08
2004	76.30	7.34	83.63
2005	74.30	7.17	81.47
2006	73.55	7.17	80.73
2007	74.27	6.63	80.90
2008	78.11	6.95	85.06
2009	73.25	6.77	80.02
2010	76.35	7.28	83.63
2011	75.78	6.69	82.46

Table 6:

Reportable workplace accidents by sector and BG
– absolute figures –

	1995	2000	2005	2010	2011
Accident insurance in industrial sector	1,415,381	1,144,262	801,834	840,848	833.965
101 BG for the raw materials and chemical industry	65,505	42,856	25,302	22,689	22.425
102 BG for the wood-working and metal-working industries	315,336	254,367	172,662	163,864	168.722
103 BG for the energy, textile, electrical and media products sectors	100,227	80,217	57,733	63,206	61.064
104 BG for the building trade	364,773	246,287	123,647	117,736	116,689
105 BG for the foodstuffs and catering industry	124,076	114,608	92,080	72,921	69,061
106 BG for the trade and distribution industry	132,009	120,002	90,615	100,417	102,004
107 BG for the transport industry	77,370	73,152	55,572	60,995	59,692
108 BG for the administrative sector	174,414	164,483	139,240	174,779	169,041
109 BG for the health and welfare services	61,671	48,290	44,983	64,241	65,267
Accident insurance in public sector (General AI) ¹	236,100	236,027	130,098	113,611	85,060
Total	1,651,481	1,380,289	931,932	954,459	919,025
Pupil accident insurance					
<i>Reportable accidents at school</i>	<i>1,338,643</i>	<i>1,463,423</i>	<i>1,290,782</i>	<i>1,307,348</i>	<i>1,293,653</i>

¹ In 2011 some UVTöH have changed the administrative process for the declaration of reportable accidents, so that the numerical value is of limited statistical reliability.

Table 7:

Reportable workplace accidents by sector and BG
– per 1,000 FTE/pupils –

	1995	2000	2005	2010	2011
Accident insurance in industrial sector	46.68	37.10	27.23	26.44	25.79
101 BG for the raw materials and chemical industry	42.80	30.81	20.42	19.24	18.75
102 BG for the wood-working and metal-working industries	70.20	58.31	43.61	42.62	43.09
103 BG for the energy, textile, electrical and media products sectors	27.53	22.93	18.38	21.84	20.76
104 BG for the building trade	109.71	90.42	66.96	66.54	63.68
105 BG for the foodstuffs and catering industry	58.60	56.02	48.66	40.13	37.84
106 BG for the trade and distribution industry	35.78	32.63	24.50	26.85	27.02
107 BG for the transport industry	57.95	50.63	41.38	42.92	43.34
108 BG for the administrative sector	23.41	18.97	15.69	15.82	14.99
109 BG for the health and welfare services	22.48	15.94	13.04	15.72	15.54
Accident insurance in public sector (General AI) ¹	45.98	48.01	26.18	22.10	16.56
Total	46.58	38.60	27.08	25.84	24.52
Pupil accident insurance					
<i>Reportable accidents at school per 1,000 pupils</i>	<i>81.36</i>	<i>84.28</i>	<i>74.30</i>	<i>76.35</i>	<i>75.78</i>

¹ In 2011 some UVTöH have changed the administrative process for the declaration of reportable accidents, so that the numerical value is of limited statistical reliability.

Table 7a:

**Reportable school accidents by region
– per 1,000 pupils –**

	1995	2000	2005	2010	2011
Baden–Württemberg	70.72	77.45	68.91	70.66	70.26
Bayern	56.86	62.42	59.31	61.27	62.49
Berlin	95.07	102.33	88.03	85.93	84.84
Brandenburg	107.48	114.34	91.09	88.47	88.00
Bremen	78.21	80.24	77.75	78.78	82.23
Hamburg/ Schleswig-Holstein ¹	89.09	91.94	83.26	78.92	81.29
Hessen	67.74	71.94	63.00	65.16	66.41
Mecklenburg- Vorpommern	110.29	117.00	84.22	89.50	81.26
Niedersachsen	84.09	86.32	86.35	82.55	83.23
Nordrhein-Westfalen	86.95	87.38	75.70	85.71	82.58
Rheinland-Pfalz	73.88	81.54	76.53	69.84	69.21
Saarland	72.58	78.53	78.53	78.88	79.99
Sachsen	94.48	84.45	71.32	74.93	76.76
Sachsen-Anhalt	102.99	104.21	81.94	86.19	76.64
Thüringen	96.48	105.46	87.93	87.90	89.93
Total	81.36	84.28	74.30	76.35	75.78

¹ Public sector accident insurance institution spanning two Länder

Table 8:

**Reportable work-related commuting accidents by sector and BG
– absolute figures –**

	1995	2000	2005	2010	2011
Accident insurance in industrial sector	205,925	177,347	151,641	189,408	161,017
101 BG for the raw materials and chemical industry	9,058	7,324	5,837	6,161	5,353
102 BG for the wood-working and metal-working industries	29,935	26,071	21,580	22,217	19,970
103 BG for the energy, textile, electrical and media products sectors	21,581	16,375	13,355	15,023	13,198
104 BG for the building trade	25,441	16,379	10,225	11,738	10,222
105 BG for the foodstuffs and catering industry	15,322	15,216	13,872	14,321	11,638
106 BG for the trade and distribution industry	26,174	25,061	20,626	25,308	21,654
107 BG for the transport industry	4,837	4,918	5,257	6,501	5,663
108 BG for the administrative sector	46,869	44,264	38,148	53,230	43,101
109 BG for the health and welfare services	26,708	21,739	22,741	34,909	30,218
Accident insurance in public sector (General AI)¹	58,659	53,985	33,505	34,565	27,435
Total	264,584	231,332	185,146	223,973	188,452
Pupil accident insurance <i>Reportable school-related commuting accidents</i>	<i>135,707</i>	<i>140,275</i>	<i>124,650</i>	<i>124,572</i>	<i>114,157</i>

¹ In 2011 some UVtöH have changed the administrative process for the declaration of reportable accidents, so that the numerical value is of limited statistical reliability.

Table 9:

**Reportable work-related commuting accidents by sector and BG
– per 1,000 weighted insurance relationships/pupils –**

	1995	2000	2005	2010	2011
Accident insurance in industrial sector	5.92	5.06	4.49	5.11	4.26
101 BG for the raw materials and chemical industry	5.73	5.07	4.56	5.02	4.29
102 BG for the wood-working and metal-working industries	6.48	5.87	5.24	5.20	4.49
103 BG for the energy, textile, electrical and media products sectors	5.58	4.41	3.92	4.12	3.49
104 BG for the building trade	5.84	4.45	3.84	4.41	3.77
105 BG for the foodstuffs and catering industry	4.82	4.43	4.19	4.30	3.47
106 BG for the trade and distribution industry	6.32	5.95	4.93	6.03	5.11
107 BG for the transport industry	3.62	3.40	3.92	4.57	4.11
108 BG for the administrative sector	6.66	5.54	4.64	5.29	4.19
109 BG for the health and welfare services	5.69	4.67	4.36	5.60	4.78
Accident insurance in public sector (General AI) ¹	11.10	10.16	6.12	6.12	4.89
Total	6.60	5.73	4.72	5.25	4.34
Pupil accident insurance					
<i>Reportable school-related commuting accidents per 1,000 pupils</i>	8.25	8.08	7.17	7.28	6.69

¹ In 2011 some UVTöH have changed the administrative process for the declaration of reportable accidents, so that the numerical value is of limited statistical reliability.

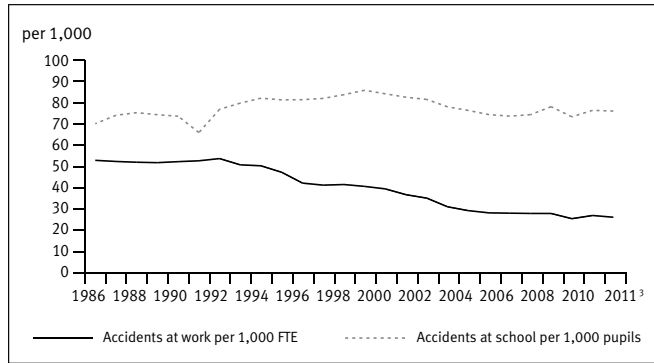
Table 9a:

**Reportable school-related commuting accidents by region
– per 1,000 pupils –**

	1995	2000	2005	2010	2011
Baden-Württemberg	7.21	7.76	5.99	6.14	6.11
Bayern	7.66	7.04	7.22	7.79	7.18
Berlin	2.91	6.15	5.79	5.79	5.54
Brandenburg	10.88	11.27	9.28	7.81	8.08
Bremen	7.85	6.34	8.55	8.42	6.98
Hamburg/ Schleswig-Holstein ¹	8.79	8.75	7.79	8.38	7.29
Hessen	6.63	6.45	5.24	5.48	5.32
Mecklenburg- Vorpommern	8.46	11.22	8.25	6.61	7.15
Niedersachsen	10.25	9.16	8.88	10.24	9.13
Nordrhein-Westfalen	9.10	8.52	7.05	7.13	5.85
Rheinland-Pfalz	7.47	6.40	6.69	5.86	6.23
Saarland	9.29	9.25	8.35	8.16	8.11
Sachsen	9.40	8.25	7.96	7.14	7.33
Sachsen-Anhalt	9.75	9.26	8.56	7.82	6.56
Thüringen	7.90	9.64	8.30	7.18	6.97
Total	8.25	8.08	7.17	7.28	6.69

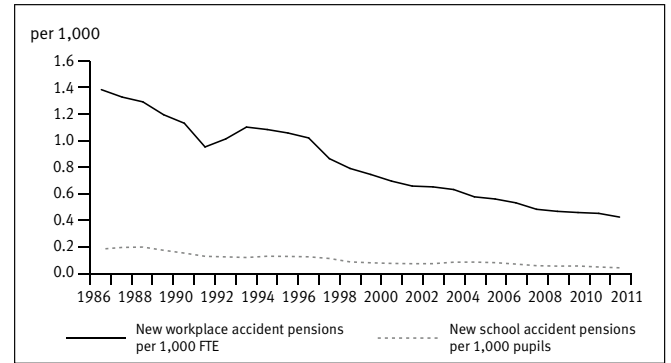
¹ Public sector accident insurance institution spanning two Länder

Figure 6:
Reportable workplace¹ and school² accidents



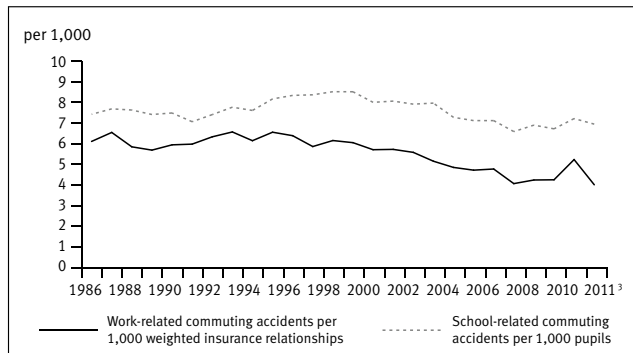
¹ Accidents at work which are either fatal or lead to an incapacity to work for more than three days.
² Accidents at school (including day care) which are either fatal or lead to medical attention.
³ In 2011 some UVtöH have changed the administrative process for the declaration of reportable accidents, so that the numerical value is of limited statistical reliability.

Figure 8:
New workplace and school accident pensions



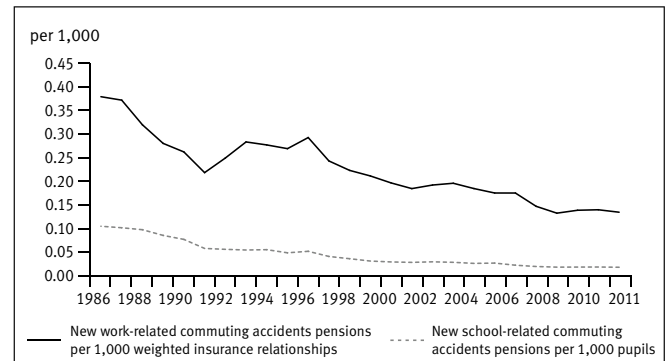
* With the introduction of SGB VII (1997), the pension criteria has changed; the minimum time period for limited earning capacity has extended from 13 to 26 weeks until monetary compensation was paid.

Figure 7:
Reportable work¹- and school²-related commuting accidents



¹ Accidents on the way to or from work which are either fatal or lead to an incapacity to work for more than three days.
² Accidents on the way to or from school (including day care) which are either fatal or lead to medical attention.
³ In 2011 some UVtöH have changed the administrative process for the declaration of reportable accidents, so that the numerical value is of limited statistical reliability.

Figure 9:
New commuting accident pensions



* With the introduction of SGB VII (1997), the pension criteria has changed; the minimum time period for limited earning capacity has extended from 13 to 26 weeks until monetary compensation was paid.

Table 10:

Work-related accidents: New pensions ¹
– absolute figures –

Year	Accidents at work	Work-related commuting accidents	All accidents
1986	37,178	10,533	47,711
1987	35,888	10,570	46,458
1988	35,634	9,541	45,175
1989	33,704	8,560	42,264
1990	33,016	8,289	41,305
1991 ²	33,458	8,919	42,377
1992 ²	35,986	10,294	46,280
1993 ²	38,736	11,426	50,162
1994	37,983	11,093	49,076
1995	37,809	11,001	48,810
1996	37,368	11,876	49,244
1997 ³	31,243	9,928	41,171
1998	28,136	9,031	37,167
1999	26,687	8,652	35,339
2000	24,903	8,082	32,985
2001	23,403	7,533	30,936
2002	22,667	7,684	30,351
2003	21,734	7,718	29,452
2004	20,135	7,292	27,427
2005	19,237	7,001	26,238
2006	18,639	7,142	25,781
2007	17,171	6,170	23,341
2008	16,823	5,629	22,452
2009	16,590	5,944	22,534
2010	16,564	6,076	22,640
2011	15,740	5,951	21,691

¹ Serious cases for which a pension, lump-sum payment or death grant was paid for the first time in the year under review

² See note on p. 7 for interpretation

³ With the introduction of SGB VII (1997), the pension criteria has changed; the minimum time period for limited earning capacity has extended from 13 to 26 weeks until monetary compensation was paid

Table 10a:

School accidents: New pensions ¹
– absolute figures –

Year	Accidents at school	School-related commuting accidents	All accidents
1986	2,193	1,345	3,538
1987	2,265	1,255	3,520
1988	2,272	1,189	3,461
1989	1,961	1,034	2,995
1990	1,710	935	2,645
1991 ²	1,762	873	2,635
1992 ²	1,806	899	2,705
1993 ²	1,764	893	2,657
1994	1,944	915	2,859
1995	1,935	810	2,745
1996	1,926	882	2,808
1997 ³	1,784	725	2,509
1998	1,333	644	1,977
1999	1,204	552	1,756
2000	1,107	512	1,619
2001	1,074	498	1,572
2002	1,081	520	1,601
2003	1,276	500	1,776
2004	1,288	459	1,747
2005	1,209	469	1,678
2006	1,021	390	1,411
2007	799	339	1,138
2008	733	311	1,044
2009	751	314	1,065
2010	619	317	936
2011	505	303	808

¹ Serious cases for which a pension, lump-sum payment or death grant was paid for the first time in the year under review

² See note on p. 7 for interpretation

³ With the introduction of SGB VII (1997), the pension criteria has changed; the minimum time period for limited earning capacity has extended from 13 to 26 weeks until monetary compensation was paid

Table 11:

Work-related accidents: New pensions
– per 1,000 FTE/weighted insurance relationships –

Year	Accidents at work		Work-related commuting accidents per 1,000 weighted insurance relationships
	Per 1,000 full time equivalent employees	Per one million hours worked	
1986	1.399	0.864	0.387
1987	1.342	0.829	0.379
1988	1.306	0.806	0.326
1989	1.207	0.750	0.286
1990	1.141	0.718	0.267
1991 ¹	0.959	0.603	0.223
1992 ¹	1.021	0.630	0.254
1993 ¹	1.112	0.708	0.289
1994	1.093	0.696	0.282
1995	1.066	0.679	0.274
1996	1.028	0.676	0.298
1997 ²	0.869	0.568	0.248
1998	0.794	0.512	0.227
1999	0.747	0.479	0.215
2000	0.696	0.452	0.200
2001	0.658	0.430	0.188
2002	0.652	0.426	0.196
2003	0.632	0.413	0.200
2004	0.576	0.364	0.188
2005	0.559	0.356	0.179
2006	0.530	0.335	0.178
2007	0.480	0.302	0.150
2008	0.464	0.288	0.135
2009	0.455	0.290	0.141
2010	0.448	0.280	0.142
2011	0.420	0.264	0.137

¹ See note on p. 7 for interpretation

² With the introduction of SGB VII (1997), the pension criteria has changed; the minimum time period for limited earning capacity has extended from 13 to 26 weeks until monetary compensation was paid

Table 11a:

School accidents: New pensions
– per 1,000 pupils –

Year	Accidents at school per 1,000 pupils	School-related commuting accidents per 1,000 pupils	All accidents per 1,000 pupils
1986	0.174	0.107	0.281
1987	0.187	0.103	0.290
1988	0.190	0.099	0.289
1989	0.165	0.087	0.251
1990	0.143	0.078	0.221
1991 ¹	0.118	0.059	0.177
1992 ¹	0.114	0.057	0.171
1993 ¹	0.109	0.055	0.164
1994	0.119	0.056	0.175
1995	0.118	0.049	0.167
1996	0.115	0.052	0.167
1997 ²	0.102	0.041	0.143
1998	0.075	0.036	0.112
1999	0.068	0.031	0.100
2000	0.064	0.029	0.093
2001	0.062	0.029	0.090
2002	0.062	0.030	0.092
2003	0.073	0.029	0.102
2004	0.074	0.026	0.100
2005	0.070	0.027	0.097
2006	0.059	0.022	0.081
2007	0.046	0.020	0.066
2008	0.043	0.018	0.061
2009	0.044	0.018	0.062
2010	0.036	0.019	0.055
2011	0.030	0.018	0.047

¹ See note on p. 7 for interpretation

² With the introduction of SGB VII (1997), the pension criteria has changed; the minimum time period for limited earning capacity has extended from 13 to 26 weeks until monetary compensation was paid

Table 12:

**Workplace accidents:
New pensions by sector and BG
– absolute figures –**

	1995	2000	2005	2010	2011
Accident insurance in industrial sector	34,464	22,678	17,414	15,275	14,546
101 BG for the raw materials and chemical industry	2,671	1,344	1,003	774	614
102 BG for the wood-working and metal-working industries	6,763	4,128	3,000	2,578	2,376
103 BG for the energy, textile, electrical and media products sectors	2,548	1,698	1,567	1,491	1,453
104 BG for the building trade	9,054	5,819	3,419	2,518	2,504
105 BG for the foodstuffs and catering industry	2,448	1,609	1,228	1,039	930
106 BG for the trade and distribution industry	3,722	2,620	2,154	1,899	1,776
107 BG for the transport industry	2,724	2,172	1,745	1,619	1,614
108 BG for the administrative sector	3,101	2,374	2,298	2,380	2,377
109 BG for the health and welfare services	1,433	914	1,000	977	902
Accident insurance in public sector (General AI)	3,345	2,225	1,823	1,289	1,194
Total	37,809	24,903	19,237	16,564	15,740
Pupil accident insurance					
<i>New pensions: accidents at school</i>	1,935	1,107	1,209	619	505

Table 12a:

**School accidents: New pensions by region
– absolute figures –**

	1995	2000	2005	2010	2011
Baden-Württemberg	194	93	109	47	40
Bayern	90	111	102	141	115
Berlin	57	88	40	13	12
Brandenburg	63	98	57	37	19
Bremen	17	9	5	2	3
Hamburg/ Schleswig-Holstein ¹	99	36	31	25	22
Hessen	138	75	42	35	27
Mecklenburg- Vorpommern	19	26	15	10	9
Niedersachsen	192	78	44	70	58
Nordrhein-Westfalen	725	297	454	140	112
Rheinland-Pfalz	81	21	29	17	15
Saarland	26	13	9	9	2
Sachsen	81	38	132	40	34
Sachsen-Anhalt	91	70	43	15	17
Thüringen	62	54	97	18	20
Total	1,935	1,107	1,209	619	505

¹ Public sector accident insurance institution spanning two Länder

Table 13:

**Workplace accidents:
New pensions by sector and BG
– per 1,000 FTE/pupils –**

	1995	2000	2005	2010	2011
Accident insurance in industrial sector	1.137	0.735	0.591	0.480	0.450
101 BG for the raw materials and chemical industry	1.745	0.966	0.809	0.656	0.513
102 BG for the wood-working and metal-working industries	1.506	0.946	0.758	0.671	0.607
103 BG for the energy, textile, electrical and media products sectors	0.700	0.485	0.499	0.515	0.494
104 BG for the building trade	2.723	2.136	1.852	1.423	1.367
105 BG for the foodstuffs and catering industry	1.156	0.787	0.649	0.572	0.510
106 BG for the trade and distribution industry	1.009	0.713	0.582	0.508	0.470
107 BG for the transport industry	2.040	1.503	1.299	1.139	1.172
108 BG for the administrative sector	0.416	0.274	0.259	0.215	0.211
109 BG for the health and welfare services	0.522	0.302	0.290	0.239	0.215
Accident insurance in public sector (General AI)	0.651	0.453	0.367	0.251	0.232
Total	1.066	0.696	0.559	0.448	0.420
Pupil accident insurance <i>New pensions: school accidents per 1,000 pupils</i>	<i>0.118</i>	<i>0.064</i>	<i>0.070</i>	<i>0.036</i>	<i>0.030</i>

Table 14:

**Work-related commuting accidents:
New pensions by sector and BG
– absolute figures –**

	1995	2000	2005	2010	2011
Accident insurance in industrial sector	9,489	6,929	6,099	5,301	5,171
102 BG for the wood-working and metal-working industries	583	387	316	245	221
103 BG for the energy, textile, electrical and media products sectors	1,694	1,194	933	787	628
104 BG for the building trade	1,020	774	698	588	554
105 BG for the foodstuffs and catering industry	1,133	769	462	385	320
106 BG for the trade and distribution industry	808	579	488	409	382
107 BG for the transport industry	1,350	1,011	979	732	710
108 BG for the administrative sector	255	216	216	192	195
109 BG for the health and welfare services	1,513	1,186	1,108	1,141	1,237
Accident insurance in public sector (General AI)	1,512	1,153	902	775	780
Total	11,001	8,082	7,001	6,076	5,951
Pupil accident insurance <i>New pensions: school-related commuting accidents</i>	<i>810</i>	<i>512</i>	<i>469</i>	<i>317</i>	<i>303</i>

Table 14a:

**School-related commuting accidents:
New pensions by region
– absolute figures –**

	1995	2000	2005	2010	2011
Baden-Württemberg	101	54	57	43	41
Bayern	35	68	44	55	57
Berlin	12	20	9	6	6
Brandenburg	18	34	18	14	6
Bremen	7	6	1	3	3
Hamburg/ Schleswig-Holstein ¹	57	21	19	9	13
Hessen	63	33	32	19	17
Mecklenburg- Vorpommern	12	16	8	3	3
Niedersachsen	80	30	41	49	37
Nordrhein-Westfalen	278	120	133	56	62
Rheinland-Pfalz	25	27	14	13	10
Saarland	14	7	5	4	–
Sachsen	49	22	42	25	20
Sachsen-Anhalt	30	31	24	9	12
Thüringen	29	23	22	9	16
Total	810	512	469	317	303

¹ Public sector accident insurance institution spanning two Länder

Table 15:

**Work-related commuting accidents:
New pensions by sector and BG
– per 1,000 weighted insurance relationships/pupils –**

	1995	2000	2005	2010	2011
Accident insurance in industrial sector	0.273	0.198	0.181	0.143	0.137
101 BG for the raw materials and chemical industry	0.369	0.268	0.247	0.200	0.177
102 BG for the wood-working and metal-working industries	0.367	0.269	0.226	0.184	0.141
103 BG for the energy, textile, electrical and media products sectors	0.264	0.208	0.205	0.161	0.146
104 BG for the building trade	0.260	0.209	0.173	0.145	0.118
105 BG for the foodstuffs and catering industry	0.254	0.168	0.147	0.123	0.114
106 BG for the trade and distribution industry	0.326	0.240	0.234	0.175	0.168
107 BG for the transport industry	0.191	0.149	0.161	0.135	0.142
108 BG for the administrative sector	0.215	0.149	0.135	0.113	0.120
109 BG for the health and welfare services	0.241	0.174	0.172	0.132	0.146
Accident insurance in public sector (General AI)	0.286	0.217	0.165	0.137	0.139
Total	0.274	0.200	0.179	0.142	0.137
Pupil accident insurance <i>New pensions: school-related commuting accidents per 1,000 pupils</i>	0.049	0.029	0.027	0.019	0.018

Table 16:

Fatal work-related accidents
– absolute figures –

Year	Accidents at work	Work-related commuting accidents	All accidents
1986	1,187	748	1,935
1987	1,168	706	1,874
1988	1,242	730	1,972
1989	1,185	728	1,913
1990	1,208	694	1,902
1991 ¹	1,160	713	1,873
1992 ¹	1,443	884	2,327
1993 ¹	1,543	921	2,464
1994 ²	1,372	928	2,300
1995	1,326	911	2,237
1996	1,273	822	2,095
1997	1,119	857	1,976
1998	1,040	780	1,820
1999	1,070	830	1,900
2000	918	794	1,712
2001	870	743	1,613
2002	857	659	1,516
2003	821	680	1,501
2004	714	560	1,274
2005	656	552	1,208
2006	711	535	1,246
2007	619	503	1,122
2008	572	458	1,030
2009	456	362	818
2010	519	367	886
2011	498	394	892

¹ See note on p. 7 for interpretation² 1993 and earlier: new fatal accident pensions

Since 1994: death with the year under review and within 30 days following the accident

Table 16a:

Fatal school accidents
– absolute figures –

Year	Accidents at school	School-related commuting accidents	All accidents
1986	5	119	124
1987	21	112	133
1988	19	106	125
1989	19	69	88
1990	6	65	71
1991 ¹	14	75	89
1992 ¹	16	114	130
1993 ¹	14	91	105
1994 ²	13	112	125
1995	25	107	132
1996	18	115	133
1997	20	120	140
1998	18	119	137
1999	22	120	142
2000	19	93	112
2001	14	106	120
2002	14	97	111
2003	13	121	134
2004	6	79	85
2005	9	72	81
2006	11	54	65
2007	5	57	62
2008	8	68	76
2009	14	45	59
2010	6	50	56
2011	7	70	77

¹ See note on p. 7 for interpretation² 1993 and earlier: new fatal accident pensions

Since 1994: death with the year under review and within 30 days following the accident

Table 17:

Fatal work-related accidents
– per 1,000 FTE/weighted insurance relationships –

Year	Accidents at work		Work-related commuting accidents per 1,000 weighted insurance relationships
	Per 1,000 full time equivalent employees	Per one million hours worked	
1986	0.045	0.028	0.027
1987	0.044	0.027	0.025
1988	0.046	0.028	0.025
1989	0.042	0.026	0.024
1990	0.042	0.026	0.022
1991 ¹	0.033	0.021	0.018
1992 ¹	0.041	0.025	0.022
1993 ¹	0.044	0.028	0.023
1994 ²	0.039	0.025	0.024
1995	0.037	0.024	0.023
1996	0.035	0.023	0.021
1997	0.031	0.020	0.021
1998	0.029	0.019	0.020
1999	0.030	0.019	0.021
2000	0.026	0.017	0.020
2001	0.024	0.016	0.019
2002	0.025	0.016	0.017
2003	0.024	0.016	0.018
2004	0.020	0.013	0.014
2005	0.019	0.012	0.014
2006	0.020	0.013	0.013
2007	0.017	0.011	0.012
2008	0.016	0.010	0.011
2009	0.013	0.008	0.009
2010	0.014	0.009	0.009
2011	0.013	0.008	0.009

¹ See note on p. 7 for interpretation

² 1993 and earlier: new fatal accident pensions

Since 1994: death with the year under review and within 30 days following the accident

Table 18:

Fatal accidents at work
– absolute figures –

	1995	2000	2005	2010	2011
Accident insurance in industrial sector	1,196	825	589	493	452
101 BG for the raw materials and chemical industry	79	39	28	23	24
102 BG for the wood-working and metal-working industries	167	93	90	51	58
103 BG for the energy, textile, electrical and media products sectors	91	66	52	34	33
104 BG for the building trade	337	189	113	103	99
105 BG for the foodstuffs and catering industry	62	52	23	23	20
106 BG for the trade and distribution industry	130	91	64	59	46
107 BG for the transport industry	204	199	133	117	98
108 BG for the administrative sector	103	75	70	70	66
109 BG for the health and welfare services	23	21	16	13	8
Accident insurance in public sector (General AI)	130	93	67	26	46
Total	1,326	918	656	519	498
Pupil accident insurance					
<i>Fatal accidents at school</i>	25	19	9	6	7

Table 19:

**Fatal work-related commuting accidents
– absolute figures –**

	1995	2000	2005	2010	2011
Accident insurance in industrial sector	808	722	495	338	343
101 BG for the raw materials and chemical industry	38	32	21	16	15
102 BG for the wood-working and metal-working industries	126	147	91	51	66
103 BG for the energy, textile, electrical and media products sectors	98	88	61	38	42
104 BG for the building trade	161	107	40	41	33
105 BG for the foodstuffs and catering industry	81	65	52	31	27
106 BG for the trade and distribution industry	98	79	77	46	44
107 BG for the transport industry	33	33	24	14	10
108 BG for the administrative sector	103	111	85	61	65
109 BG for the health and welfare services	70	60	44	40	41
Accident insurance in public sector (General AI)	103	72	57	29	51
Total	911	794	552	367	394
Pupil accident insurance <i>Fatal school-related commuting accidents</i>					
	107	93	72	50	70

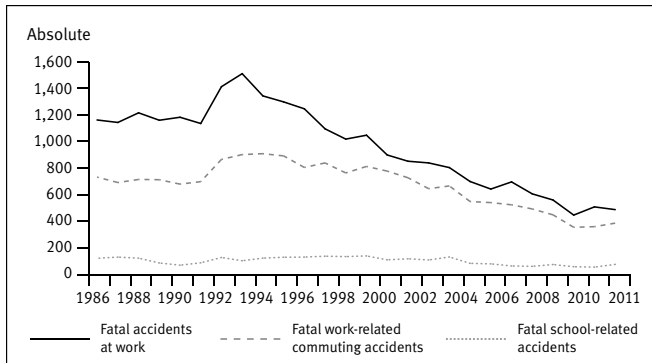
Table 19a:

**Fatal school accidents by region
– absolute figures –**

	1995	2000	2005	2010	2011
Baden-Württemberg	14	15	8	11	15
Bayern	11	10	16	13	13
Berlin	–	–	3	–	1
Brandenburg	11	6	3	1	1
Bremen	–	1	–	–	–
Hamburg/ Schleswig-Holstein ¹	9	2	5	4	3
Hessen	7	11	3	4	3
Mecklenburg-Vorpommern	5	10	3	–	1
Niedersachsen	17	13	7	5	14
Nordrhein-Westfalen	24	24	12	8	11
Rheinland-Pfalz	6	1	4	1	2
Saarland	2	1	1	1	–
Sachsen	12	9	7	4	4
Sachsen-Anhalt	11	4	5	3	3
Thüringen	3	5	4	1	6
Total	132	112	81	56	77

¹ Public sector accident insurance institution spanning two Länder

Figure 10:
Fatal accidents



* see note on p. 7 for interpretation

Table 20a:

Occupational Diseases as contained in the annex to the German ordinance on occupational diseases

No.	Occupational diseases
	1 Diseases caused by chemical agents
	11 Metals and metalloids
1101	Diseases caused by lead or its compounds
1102	Diseases caused by mercury or its compounds
1103	Diseases caused by chromium or its compounds
1104	Diseases caused by cadmium or its compounds
1105	Diseases caused by manganese or its compounds
1106	Diseases caused by thallium or its compounds
1107	Diseases caused by vanadium or its compounds
1108	Diseases caused by arsenic or its compounds
1109	Diseases caused by phosphorus or its inorganic compounds
1110	Diseases caused by beryllium or its compounds
	12 Asphyxiating gases
1201	Diseases caused by carbon monoxide
1202	Diseases caused by hydrogen sulphide
	13 Solvents, pesticides and other chemical agents
1301	Mucosal changes, cancer or other neoplasms of the urinary tract caused by aromatic amines
1302	Diseases caused by halogenated hydrocarbons
1303	Diseases caused by benzene and its homologues or by styrene
1304	Diseases caused by nitro or amino compounds of benzene or its homologues or their derivatives
1305	Diseases caused by carbon disulphide
1306	Diseases caused by methyl alcohol (methanol)
1307	Diseases caused by organic phosphorus compounds
1308	Diseases caused by fluorine or its compounds
1309	Diseases caused by nitric acid esters
1310	Diseases caused by halogenated alkyl oxide, aryl oxide or alkyl aryl oxide
1311	Diseases caused by halogenated alkyl sulphide, aryl sulphide or alkyl aryl sulphide
1312	Dental diseases caused by acids
1313	Lesions to the cornea of the eye caused by benzoquinone
1314	Diseases caused by para-tertiary-butylphenol
1315	Diseases caused by isocyanates ¹
1316	Liver diseases caused by dimethyl formamide
1317	Polyneuropathy or encephalopathy caused by organic solvents or their mixtures
1318	Diseases of blood, blood generating and lymphatic system caused by Benzol ²

¹ see footnote on p. 51² Since July 1, 2009: added to the annex to the German ordinance on occupational diseases

No.	Occupational diseases
	2 Diseases caused by physical impact
	21 Mechanical impact
2101	Diseases of the tendon sheaths or diseases of the peritendinous tissue or of the insertions of tendons or muscles ¹
2102	Meniscus lesions caused by excessive physical load on the knee joints either sustained or repeated over several years
2103	Diseases caused by vibration during work with pneumatic or similar tools or machines
2104	Circulatory disturbances of the hands caused by vibration ¹
2105	Chronic diseases of the mucous bursae caused by constant pressure
2106	Pressure-induced nerve damage
2107	Strain fracture of the spinous processes
2108	Disc-related diseases of the lumbar spine caused by the lifting or carrying of heavy loads over many years or by performance of work in an extremely bent posture over many years ¹
2109	Disc-related diseases of the cervical spine caused by the carrying of heavy loads on the shoulder over many years ¹
2110	Disc-related diseases of the lumbar spine caused by the predominately vertical impact of whole-body vibration in a seated position over many years ¹
2111	Excessive dental abrasion caused by silica dust exposure over several years
2112	Osteoarthritis of the knee caused by kneeling or comparable knee straining activities with a cumulative exposure period in the whole working life at least of 13,000 hours and a minimum exposure time per shift of 1 hour ²
	22 Compressed air
2201	Diseases caused by work in compressed air
	23 Noise
2301	Hearing impairment caused by noise
	24 Radiation
2401	Cataract caused by heat radiation
2402	Diseases caused by ionizing radiation
	3 Diseases caused by infectious agents or parasites including tropical diseases
3101	Infectious diseases in cases where the insured person worked in health care, welfare or laboratories or was particularly exposed to a similar risk of infection in the context of another activity

¹ see footnote on p. 51² Since July 1, 2009: added to the annex to the German ordinance on occupational diseases

No.	Occupational diseases
3102	Diseases transmitted to humans by animals
3103	Miner's vermination caused by <i>Ancylostoma duodenale</i> (an- cylostomiasis) or <i>Strongyloides stercoralis</i> (strongyloidiasis)
3104	Tropical diseases, typhus
	4 Diseases of the respiratory tract, lungs, pleura and peri- toneum
	41 Diseases caused by inorganic dust
4101	Silicosis
4102	Silicosis combined with active pulmonary tuberculosis (sili- cotuberculosis)
4103	Asbestosis or diseases of the pleura caused by asbestos dust
4104	Lung or larynx cancer – combined with asbestosis – combined with diseases of the pleura caused by asbestos dust or – if there is evidence of cumulative exposure to asbestos dust in the workplace of at least 25 fibre years { $25 \cdot 10^6$ [(fibre/m ³) * years]}
4105	Mesothelioma of the pleura, the peritoneum or the pericardi- um caused by asbestos
4106	Diseases of the lower respiratory tract and the lungs caused by aluminium or its compounds
4107	Pulmonary fibrosis caused by metallic powder present in the production or processing of hard metals
4108	Diseases of the lower respiratory tract and the lungs caused by dust from basic slag (Thomas phosphate)
4109	Malignant neoplasms of the respiratory tract and the lungs caused by nickel or its compounds
4110	Malignant neoplasms of the respiratory tract and the lungs caused by crude coke oven gas
4111	Chronic obstructive bronchitis or emphysema in under- ground hard coal miners if there is evidence of exposure to a cumulative dose of generally 100 fine dust years [(mg/m ³) * years]
4112	Lung cancer caused by silica dust where there is accompany- ing silicosis or silicotuberculosis
4113	Lung cancer caused by polycyclic aromatic hydrocarbons if there is evidence of exposure to a cumulative dose of gene- rally 100 Benzo[a]pyren years [(µg/m ³) x years] ²

¹ see footnote on p. 51

² Since July 1, 2009: added to the annex to the German ordinance on occupational diseases

No.	Occupational diseases
4114	Lung cancer caused by simultaneous exposure to asbestos fiber dust and polycyclic aromatic hydrocarbons if there is evidence of exposure to a cumulative dose corresponding to a causative probability of at least 50 % according to annex 2 ²
4115	Lung fibrosis caused by extreme and longlasting exposure to welding fumes and gases (Siderofibrosis) ²
	42 Diseases caused by organic dust
4201	Exogenic allergic alveolitis
4202	Diseases of the lower respiratory tract and the lungs caused by raw cotton, raw flax or raw hemp dust (byssinosis)
4203	Adenocarcinoma of the nasal cavities and sinuses caused by beech or oak wood dust
	43 Obstructive diseases of the respiratory tract
4301	Obstructive diseases of the respiratory tract (including rhino- pathy) caused by allergic agents ¹
4302	Obstructive diseases of the respiratory tract caused by che- mical irritants or agents with a toxic effect ¹
	5 Skin diseases
5101	Severe or recurrent skin diseases ¹
5102	Skin cancer or skin alterations showing a cancerous tenden- cy caused by soot, paraffin sludge, tar, anthracene, pitch or similar substances
	6 Diseases caused by other factors
6101	Miner's nystagmus

¹ These diseases must be so severe as to have forced the person to discontinue all activi-
ties that caused or could cause the development, worsening or recurrence of the disease

² Since July 1, 2009: added to the annex to the German ordinance on occupational diseases

Table 20b:

Occupational diseases as contained in the appendix of the former GDR ordinance on occupational diseases

No.	Occupational diseases
	I. Diseases caused by chemical agents
01	Lead and inorganic lead compounds
02	Organic lead compounds
03	Cadmium and cadmium compounds
04	Mercury and inorganic mercury compounds
05	Organic mercury compounds
06	Manganese and manganese compounds
07	Beryllium and beryllium compounds
08	Nickel and nickel compounds
09	Chromium and chromium compounds
10	Arsenic and arsenic compounds (except arsine)
11	Arsine
12	Phosphor and inorganic phosphor compounds
13	Organic phosphor compounds
14	Fluorine and inorganic fluorine compounds
15	Carbon monoxide
16	Hydrogen sulphide
17	Carbon bisulphide
18	Benzene
19	Toluene, xylene
20	Styrene
21	Aliphatic halogenated hydrocarbons (except vinyl chloride)
22	Vinyl chloride
23	Aromatic halogenated hydrocarbons
24	Aromatic nitro compounds and ammonia compounds
25	Methanol
26	Dimethyl formamide
27	Nitric acid ester
28	Benzoquinone
29	Acids
	II. Diseases caused by dust
40	Quarz
41	Asbestos
42	Aluminium
43	Hard metal
44	Thomas slag meal

No.	Occupational diseases
	III. Diseases caused by physical agents
50	Noise
51	Ionising radiation
52	Non-ionising radiation
53	Compressed air
54	Partial body vibration
	IV. Diseases caused by infective agents and parasites
60	Infective agents and parasites which can be transmitted from humans to humans
61	Infective agents and parasites which can be transmitted from animals to humans
62	Infective agents and parasites picked up in the tropics
	V. Diseases caused by continued mechanical strain on the locomotor system
70	Degenerative diseases of the spine
71	Degenerative diseases of the limb joints
72	Conditions of the tendon tissue, the tendon sheath, the tendon chambers, the tendon origins and attachments and the muscle origins and attachments
73	Damage caused by pressure on the peripheral nerves
74	Chronic conditions of the mucous bursa causes by pressure
75	Fatigue fractures of bones
	VI. Diseases caused by various agents
80	Skin diseases caused by chemical and physical agents
81	Irrative chronic diseases of the upper and lower respiratory tracts and lungs caused by chemical substances
82	Allergic diseases of the upper and lower respiratory tracts and lungs caused by vegetable or animal allergens or chemical substances
	VII. Work-related malignant neoplasms
90	Malignant neoplasms of the skin
91	Malignant neoplasms caused by chemical carcinogenics
92	Malignant neoplasms caused by ionising radiation
93	Malignant neoplasms caused by asbestos

Table 21:

Decided cases

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Change ¹ from 2010 to 2011	
												absolut	%
Occupational causation confirmed	25,442	25,942	24,877	24,942	25,022	23,019	23,663	23,028	25,570	31,219	34,573	+ 3,354	+ 10.7
of which ■ Recognized cases of occupational disease	17,950	17,722	16,778	16,784	15,920	14,156	13,383	12,972	16,078	15,461	15,262	- 199	- 1.3
<i>of which: new pensions</i>	5,503	5,443	5,085	5,021	5,459	4,781	4,123	4,312	6,643	6,123	5,407	- 716	- 11.7
■ Cases with absence of additionally required insurance characteristics	7,492	8,220	8,099	8,158	9,102	8,863	10,280	10,056	9,492	15,758	19,311	+ 3,553	+ 22.5
Occupational causation not confirmed	46,864	44,707	43,575	41,374	38,887	38,040	35,980	36,440	37,132	37,967	37,165	- 802	- 2.1
Total number of decided cases	72,306	70,649	68,452	66,316	63,909	61,059	59,643	59,468	62,702	69,186	71,738	+ 2,552	+ 3.7

¹ The reason for the increase is the improvement of the documentation § 3 of the German Ordinance on Occupational Diseases step 1 of the phased procedure "skin".

Table 22:

**Occupational diseases (OD) in 2011 by subgroups of diseases;
summary**

Group	Sub-Group	Disease	Notifications of a suspected case of OD	Fatalities due to OD	Decided cases					
					Total	Occupational causation confirmed			Occupational causation not confirmed	
						Total	Recognized cases of OD			Cases with absence of additionally required insurance characteristics
					Total	Of which new pensions				
1		Conditions due to chemical agents	3,793	115	3,419	476	465	367	11	2,943
	11	Metals and metalloids	351	15	313	35	35	24	-	278
	12	Asphyxiating gases	48	-	57	18	18	-	-	39
	13	Solvents, pesticides and other chemical substances	3,394	100	3,049	423	412	343	11	2,626
2		Conditions due to physical agents	22,138	78	22,215	7,271	7,106	899	165	14,944
	21	Mechanical agents	10,114	1	10,858	1,064	899	441	165	9,794
	22	Compressed air	4	-	4	1	1	-	-	3
	23	Noise	11,640	-	10,860	6,107	6,107	364	-	4,753
	24	Radiation	380	77	493	99	99	94	-	394
3		Diseases caused by infective agents or parasites including tropical diseases	2,577	18	2,547	1,025	1,025	83	-	1,522
4		Conditions of the respiratory passages and the lungs, the pleura and the peritoneum	15,557	2,211	15,813	6,213	5,906	3,804	307	9,600
	41	Conditions caused by inorganic dust	11,834	2,167	12,151	5,333	5,333	3,529	-	6,818
	42	Conditions caused by organic dust	206	11	187	67	67	51	-	120
	43	Conditions related to obstruction of the respiratory tract	3,517	33	3,287	813	506	224	307	2,662
5		Skin diseases	25,230	1	25,809	19,429	601	157	18,828	6,380
6		Miner's nystagmus	6	-	3	-	-	-	-	3
		GDR-OD¹	-	51	97	23	23	19	-	74
		Other diseases	1,968	74	1,835	136	136	78	-	1,699
		Total	71,269	2,548	71,738	34,573	15,262	5,407	19,311	37,165

¹ Cases in acc. with GDR OD ordinance

Table 23:

Occupational diseases (OD) in 2011 as contained in the appendix of the former GDR ordinance

Group of occupational diseases	Fatalities due to OD	Occupational causation confirmed						Occupational causation not confirmed
		Total	Decides Cases				Cases with absence of additionally required insurance characteristics	
			Total	Recognized cases of OD				
				Total	<i>Of which new pensions</i>			
Diseases caused by chemical agents	–	–	–	–	–	–	–	
Diseases caused by dust	40	13	11	11	9	–	2	
Diseases caused by physical agents	–	63	5	5	5	–	58	
Diseases caused by infective agents and parasites	2	1	–	–	–	–	1	
Diseases caused by continued mechanical strain on the locomotor system	–	8	3	3	1	–	5	
Diseases caused by various agents	6	11	4	4	4	–	7	
Work-related malignant neoplasms	1	1	–	–	–	–	1	
Extraordinary ruling ¹	2	–	–	–	–	–	–	
Total	51	97	23	23	19	–	74	

¹ „Sonderentscheid“ in acc. with § 2 Sec. 2 GDR OD ordinance

Table 24:

Notifications of suspected cases of occupational disease

OD No.	1995	2000	2005	2010	2011
1101	170	101	78	61	71
1102	92	50	30	23	69
1103	75	100	114	110	109
1104	18	18	16	21	33
1105	3	5	5	5	6
1106	2	1	1	1	-
1107	5	1	-	-	-
1108	35	27	19	23	37
1109	10	9	7	7	7
1110	6	14	7	18	19
1201	85	86	150	130	39
1202	18	13	16	11	9
1301	257	345	633	1,138	1,192
1302	1,076	401	307	365	668
1303	469	376	376	87	74
1304	112	50	25	17	18
1305	19	7	6	4	4
1306	31	22	11	4	6
1307	21	10	14	6	7
1308	39	16	17	8	5
1309	15	4	4	1	2
1310	110	60	37	22	21
1311	1	4	2	-	4
1312	738	353	134	128	93
1313	2	3	-	1	-
1314	4	1	3	2	-
1315	121	91	99	119	110
1316	-	22	33	22	33
1317	-	362	331	234	303
1318	-	-	-	725	854
2101	1,678	1,282	749	741	749
2102	2,265	2,359	1,607	1,411	1,214
2103	820	617	419	433	415
2104	128	94	64	67	75
2105	683	746	496	381	376
2106	90	131	87	82	80
2107	10	6	4	3	3
2108	15,696	12,401	5,515	5,114	4,739
2109	1,575	1,579	1,031	1,019	920
2110	1,072	669	300	217	232

OD No.	1995	2000	2005	2010	2011
2111	34	13	19	7	10
2112	-	-	-	1,804	1,301
2201	26	26	7	6	4
2301	13,464	12,220	9,310	10,979	11,640
2401	17	16	8	14	8
2402	989	725	634	389	372
3101	2,178	2,124	4,047	1,493	1,645
3102	196	218	508	559	632
3103	4	3	-	2	1
3104	693	456	332	344	299
4101	3,381	2,040	1,425	1,571	1,399
4102	103	63	47	17	15
4103	3,693	3,730	3,594	3,732	3,662
4104	1,546	2,783	2,908	3,709	3,824
4105	714	988	1,149	1,479	1,312
4106	14	27	23	23	26
4107	87	52	65	62	63
4108	4	3	3	1	1
4109	30	27	30	40	35
4110	24	51	31	37	34
4111	-	1,345	799	1,076	817
4112	-	-	124	205	254
4113	-	-	-	140	157
4114	-	-	-	89	109
4115	-	-	-	169	126
4201	87	73	67	102	122
4202	12	25	5	14	4
4203	55	49	67	66	80
4301	4,992	3,746	2,014	2,045	2,078
4302	2,344	2,000	1,439	1,564	1,439
5101	20,622	20,431	16,529	23,596	25,056
5102	44	50	61	202	174
6101	1	2	6	2	6
Other	4,526	2,307	1,921	1,978	1,968
Total	87,431	78,029	59,919	70,277	71,269

Table 25:

Recognized cases of occupational disease

OD No.	1995	2000	2005	2010	2011
1101	17	8	5	5	6
1102	3	5	2	-	-
1103	32	32	24	13	23
1104	3	2	2	1	1
1105	2	1	-	-	-
1106	-	-	-	-	-
1107	2	-	-	-	-
1108	5	2	3	3	2
1109	1	18	1	2	1
1110	1	1	1	3	2
1201	40	20	102	46	16
1202	8	3	7	-	2
1301	66	93	107	152	164
1302	97	83	24	11	15
1303	88	61	35	27	8
1304	1	1	2	1	5
1305	8	-	2	-	-
1306	2	-	-	-	-
1307	1	2	1	-	-
1308	25	3	1	-	1
1309	-	-	-	-	-
1310	41	13	7	2	4
1311	-	2	-	-	-
1312	59	10	2	1	6
1313	-	-	-	-	-
1314	-	-	-	-	-
1315	59	45	35	30	28
1316	-	-	-	1	-
1317	-	17	18	8	9
1318	-	-	-	159	172
2101	35	42	15	21	19
2102	441	334	277	176	201
2103	250	144	105	77	95
2104	39	30	10	15	14
2105	205	199	145	72	94
2106	9	13	18	9	8
2107	-	1	2	-	-
2108	346	353	179	392	378
2109	7	14	1	6	1
2110	21	12	12	6	7

OD No.	1995	2000	2005	2010	2011
2111	15	5	7	1	4
2112	-	-	-	28	78
2201	11	7	3	1	1
2301	8,282	6,696	5,773	5,606	6,107
2401	2	1	2	-	3
2402	277	204	226	104	96
3101	500	624	644	579	641
3102	72	103	185	161	172
3103	-	-	18	1	-
3104	312	311	248	176	212
4101	2,652	1,627	1,013	1,618	1,097
4102	59	27	20	7	3
4103	2,175	1,813	2,178	1,749	1,818
4104	647	734	791	719	799
4105	501	699	904	931	980
4106	2	6	2	2	4
4107	7	3	1	3	1
4108	1	-	-	-	1
4109	9	4	2	5	3
4110	17	17	12	21	9
4111	-	325	336	1,095	507
4112	-	-	46	61	69
4113	-	-	-	9	14
4114	-	-	-	15	17
4115	-	-	-	10	11
4201	18	17	8	12	17
4202	1	-	-	-	-
4203	38	39	42	48	50
4301	1,325	907	376	312	345
4302	316	236	171	141	161
5101	2,232	1,634	877	559	571
5102	16	19	18	25	30
6101	-	-	-	5	-
§ 9 II SGB VII ¹	340	243	817	201	136
GDR-OD ²	1,197	135	55	17	23
Total	22,938	18,000	15,920	15,461	15,262

¹ 1996 and earlier: cases in acc. with § 551 Sec. 2 RVO² Cases in acc. with GDR OD ordinance

Table 26:

New occupational disease pensions

OD No.	1995	2000	2005	2010	2011
1101	5	2	1	4	1
1102	3	2	2	-	-
1103	24	22	12	12	18
1104	2	-	-	1	-
1105	1	-	-	-	-
1106	-	-	-	-	-
1107	-	-	-	-	-
1108	4	1	2	3	2
1109	1	1	-	-	1
1110	1	1	1	1	2
1201	-	1	-	-	-
1202	1	2	-	-	-
1301	64	72	99	143	149
1302	41	13	18	9	11
1303	75	43	29	23	7
1304	-	-	-	-	-
1305	5	-	-	-	-
1306	-	-	-	-	-
1307	-	2	-	-	-
1308	-	-	-	-	-
1309	-	-	-	-	-
1310	30	7	6	2	2
1311	-	-	-	-	-
1312	-	1	-	-	-
1313	-	-	-	-	-
1314	-	-	-	-	-
1315	36	23	22	13	11
1316	-	-	-	1	-
1317	-	12	17	6	8
1318	-	-	-	151	155
2101	18	5	2	5	2
2102	337	142	77	57	58
2103	146	91	62	49	56
2104	27	19	8	9	9
2105	12	5	1	1	2
2106	3	4	9	2	4
2107	-	-	-	-	-
2108	240	135	118	237	252
2109	4	5	1	6	1
2110	12	7	9	4	5

OD No.	1995	2000	2005	2010	2011
2111	-	-	-	-	-
2112	-	-	-	13	52
2201	1	2	-	-	-
2301	1,279	806	508	389	364
2401	1	-	-	-	2
2402	277	196	216	96	92
3101	184	193	180	64	72
3102	18	15	14	5	9
3103	-	-	1	-	-
3104	11	-	4	2	2
4101	558	368	271	1,203	813
4102	49	24	19	6	3
4103	397	388	427	421	499
4104	645	690	739	676	736
4105	499	668	851	876	902
4106	1	2	2	-	4
4107	4	2	1	3	1
4108	-	-	-	-	1
4109	9	4	2	5	3
4110	17	16	12	20	7
4111	-	272	275	906	460
4112	-	-	34	58	61
4113	-	-	-	7	14
4114	-	-	-	14	16
4115	-	-	-	6	9
4201	6	11	3	6	9
4202	1	-	-	-	-
4203	37	39	39	44	42
4301	260	231	116	95	108
4302	212	172	129	106	116
5101	764	456	263	168	136
5102	9	15	8	17	21
6101	-	-	-	4	-
§ 9 II SGB VII ¹	53	23	806	157	78
GDR-OD ²	751	93	43	17	19
Total	7,135	5,304	5,459	6,123	5,407

¹ 1996 and earlier: cases in acc. with § 551 Sec. 2 RVO² Cases in acc. with GDR OD ordinance

Table 27:

Fatalities due to occupational disease

OD No.	1995	2000	2005	2010	2011
1101	-	1	1	1	1
1102	-	-	-	-	-
1103	9	16	13	7	11
1104	-	1	-	-	-
1105	-	-	-	-	-
1106	-	-	-	-	-
1107	-	-	-	-	1
1108	4	1	3	-	1
1109	-	-	-	1	-
1110	-	-	-	-	1
1201	1	2	-	-	-
1202	-	-	-	-	-
1301	18	25	16	32	33
1302	7	5	9	2	6
1303	29	24	18	14	7
1304	1	-	-	-	-
1305	-	-	1	-	-
1306	-	-	1	-	-
1307	-	-	-	-	-
1308	-	-	-	-	-
1309	-	1	-	-	-
1310	13	2	4	2	3
1311	-	-	1	-	-
1312	-	-	-	-	-
1313	-	-	-	-	-
1314	-	-	-	1	-
1315	-	1	1	-	-
1316	-	-	-	-	-
1317	-	-	-	-	-
1318	-	-	-	37	51
2101	-	-	-	-	-
2102	-	-	-	-	1
2103	-	-	-	-	-
2104	-	-	-	-	-
2105	-	-	-	-	-
2106	-	-	-	-	-
2107	-	-	-	-	-
2108	-	-	-	-	-
2109	-	-	-	-	-
2110	-	-	-	-	-

OD No.	1995	2000	2005	2010	2011
2111	-	-	-	-	-
2112	-	-	-	-	-
2201	1	-	-	-	-
2301	-	-	-	-	-
2401	-	-	-	-	-
2402	232	182	150	82	77
3101	41	26	9	20	14
3102	2	1	3	-	1
3103	-	-	-	-	-
3104	2	1	3	2	3
4101	567	458	334	420	382
4102	47	30	11	4	12
4103	66	73	71	101	129
4104	529	612	699	497	581
4105	489	645	812	694	759
4106	2	2	-	-	-
4107	1	3	4	-	1
4108	-	-	-	-	-
4109	3	5	2	3	3
4110	10	16	12	17	7
4111	-	16	60	300	212
4112	-	-	32	50	63
4113	-	-	-	3	8
4114	-	-	-	3	9
4115	-	-	-	-	1
4201	-	3	3	6	2
4202	-	-	1	-	-
4203	13	19	14	22	9
4301	15	22	20	15	14
4302	20	25	25	16	19
5101	11	4	-	3	-
5102	2	-	1	-	1
6101	-	-	-	-	-
§ 9 II SGB VII ¹	54	22	139	93	74
GDR-OD ²	569	113	91	38	51
Total	2,758	2,357	2,564	2,486	2,548

¹ 1996 and earlier: cases in acc. with § 551 Sec. 2 RVO² Cases in acc. with GDR OD ordinance

Table 28:

**Notifications of suspected cases of occupational disease
by sector and BG**

	1995	2000	2005	2010	2011
Accident insurance in industrial sector	78,429	71,172	53,576	64,617	64,863
101 BG for the raw materials and chemical industry	14,074	10,264	7,400	8,579	7,778
102 BG for the wood-working and metal-working industries	14,971	16,453	12,401	14,707	15,745
103 BG for the energy, textile, electrical and media products sectors	7,186	6,497	4,245	5,418	5,460
104 BG for the building trade	14,692	13,609	8,986	10,501	9,948
105 BG for the foodstuffs and catering industry	6,596	4,985	4,339	5,203	4,756
106 BG for the trade and distribution industry	4,870	4,060	2,886	3,774	3,946
107 BG for the transport industry	1,616	1,558	1,353	1,710	1,579
108 BG for the administrative sector	3,524	2,673	2,989	4,005	4,313
109 BG for the health and welfare services	10,900	11,073	8,977	10,720	11,338
Accident insurance in public sector (General AI)	8,910	6,772	6,186	5,551	6,286
Total	87,339	77,944	59,762	70,168	71,149
Pupil accident insurance	92	85	157	109	120

Table 29:

Recognized cases of occupational disease by sector and BG

	1995	2000	2005	2010	2011
Accident insurance in industrial sector	21,886	16,414	14,920	14,612	14,271
101 BG for the raw materials and chemical industry	6,261	4,007	3,884	4,362	3,060
102 BG for the wood-working and metal-working industries	6,318	4,998	4,570	4,545	4,870
103 BG for the energy, textile, electrical and media products sectors	1,599	1,227	1,288	1,103	1,166
104 BG for the building trade	3,287	2,779	2,520	2,013	2,332
105 BG for the foodstuffs and catering industry	1,366	884	364	398	485
106 BG for the trade and distribution industry	583	556	424	361	388
107 BG for the transport industry	273	342	206	184	231
108 BG for the administrative sector	652	654	636	701	801
109 BG for the health and welfare services	1,547	967	1,028	945	938
Accident insurance in public sector (General AI)	1,050	1,582	994	842	983
Total	22,936	17,996	15,914	15,454	15,254
Pupil accident insurance	2	4	6	7	8

Table 30:

New occupational disease pensions by sector and BG

	1995	2000	2005	2010	2011
Accident insurance in industrial sector	6,705	4,901	5,206	5,944	5,175
101 BG for the raw materials and chemical industry	2,086	1,607	2,119	2,907	1,852
102 BG for the wood-working and metal-working industries	1,927	1,252	1,173	1,284	1,452
103 BG for the energy, textile, electrical and media products sectors	574	407	444	433	445
104 BG for the building trade	1,071	764	667	584	651
105 BG for the foodstuffs and catering industry	210	180	105	88	115
106 BG for the trade and distribution industry	238	221	179	136	145
107 BG for the transport industry	76	87	61	67	65
108 BG for the administrative sector	212	157	164	198	242
109 BG for the health and welfare services	311	226	294	247	208
Accident insurance in public sector (General AI)	429	402	253	178	231
Total	7,134	5,303	5,459	6,122	5,406
Pupil accident insurance	1	1	-	1	1

Table 31:

Long-term trends of occupational disease: notifications of suspected cases, recognized cases, new pensions

Year	Suspected cases	Recognized cases	
		Total	<i>Of which new pensions</i>
1985	35,843	7,436	3,854
1986	42,698	7,806	3,647
1987	45,781	7,666	3,577
1988	49,985	7,726	3,889
1989	52,788	9,448	4,207
1990	56,231	9,771	4,251
1991 ¹	66,726	10,952	4,833
1992 ¹	81,920	12,849	5,553
1993 ¹	101,851	18,635	5,984
1994	93,296	20,318	6,835
1995	87,431	22,938	7,135
1996	90,304	23,212	7,536
1997	85,406	22,577	7,469
1998	82,376	19,976	6,072
1999	80,282	18,633	5,693
2000	78,029	18,000	5,304
2001	73,551	17,950	5,503
2002	68,196	17,722	5,443
2003	62,130	16,778	5,085
2004	60,965	16,784	5,021
2005	59,919	15,920	5,459
2006	61,457	14,156	4,781
2007	61,150	13,383	4,123
2008	60,736	12,972	4,312
2009 ²	66,951	16,078	6,643
2010	70,277	15,461	6,123
2011	71,269	15,262	5,407

¹ See note on p. 7 for interpretation² Increase of new pensions due to a decision of the Federal Social Court and the expansion of the list of Occupational Diseases

Figure 11:
Notifications of suspected cases of occupational disease

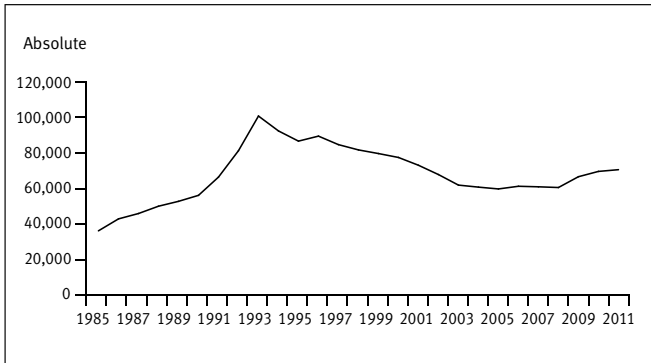
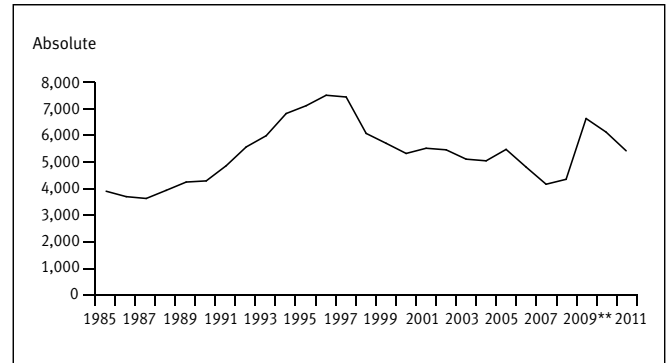


Figure 13:
New occupational disease pensions*



* see note on p. 7 for interpretation

** 2009: Increase due to a decision of the Federal Social Court and the expansion of the list of Occupational Diseases

Figure 12:
Recognized cases of occupational disease

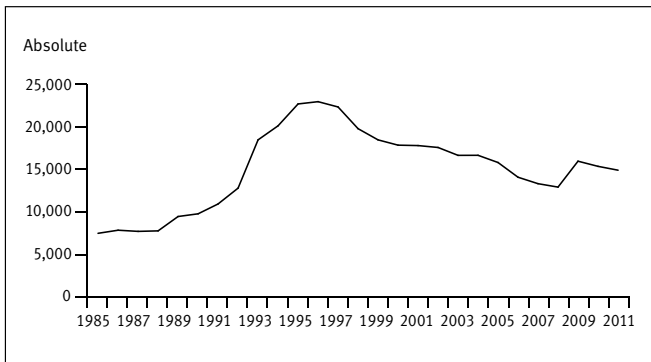


Table 32:

Stock of pensions

Year	Pension paid to				Total
	Insured person	Widows and widowers	Orphans	Other claimants	
1985	631,665	126,026	34,788	431	792,910
1986	629,804	123,420	31,827	404	785,455
1987	628,383	121,490	29,320	379	779,572
1988	628,541	119,154	26,913	349	774,957
1989	628,015	116,862	24,961	334	770,172
1990	630,621	114,674	22,879	303	768,477
1991	858,572	133,477	23,608	291	1,015,948
1992	858,750	131,561	24,335	263	1,014,909
1993	859,116	131,625	24,027	231	1,014,999
1994	862,688	131,249	23,537	212	1,017,686
1995	865,545	130,343	22,815	206	1,018,909
1996	863,337	129,043	22,248	211	1,014,839
1997	857,590	127,233	21,580	188	1,006,591
1998	856,651	125,827	21,020	164	1,003,662
1999	852,802	124,379	20,464	138	997,783
2000	847,884	123,530	20,292	127	991,833
2001	841,228	121,552	19,985	113	982,878
2002	833,141	120,073	19,668	108	972,990
2003	826,093	118,791	19,302	105	964,291
2004	816,869	117,510	18,774	95	953,248
2005	806,707	115,977	18,236	87	941,007
2006	797,457	114,971	17,243	72	929,743
2007	789,655	113,509	16,585	71	919,820
2008	775,750	112,081	15,281	55	903,167
2009	767,350	110,883	14,902	42	893,177
2010	758,374	109,023	13,837	34	881,268
2011	750,005	107,768	12,872	33	870,678

Figure 14:
Total pensions paid at end of 2011

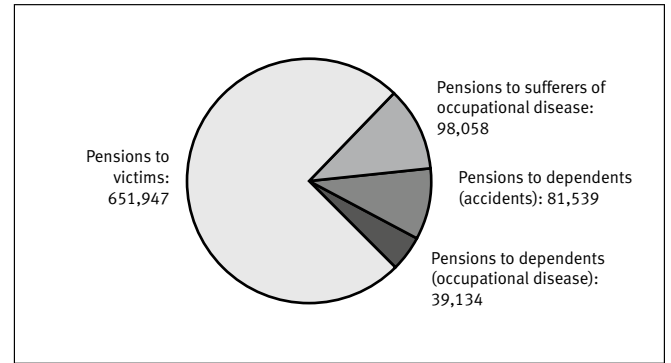


Figure 15:
Total pensions

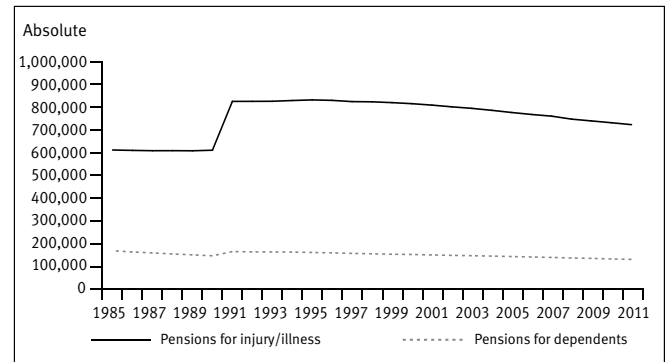


Table 33:

Remuneration¹ level used as basis for calculating contribution in industrial sector

Year	Remuneration in 1,000 €	Change on previous year in %	Per full time equivalent employee in €	Change on previous year in %
1950	13,743,759		1,248	
1955	29,542,357	+ 14.0	1,909	+ 7.1
1960	49,103,621	+ 16.8	2,750	+ 11.9
1965	86,878,914	+ 11.9	4,434	+ 10.0
1970	133,665,175	+ 18.7	6,816	+ 22.5
1975	203,497,493	+ 2.1	10,567	+ 5.8
1980	292,067,305	+ 8.3	14,470	+ 6.4
1985	338,449,183	+ 4.1	16,637	+ 1.0
1990	447,047,574	+ 9.7	17,491	+ 4.9
1991	525,205,388	+ 17.5	17,543	+ 0.3
1992	565,741,535	+ 7.7	18,689	+ 6.5
1993	578,389,857	+ 2.2	19,482	+ 4.2
1994	590,604,221	+ 2.1	19,877	+ 2.0
1995	611,448,202	+ 3.5	20,164	+ 1.4
1996	617,992,226	+ 1.1	19,759	- 2.0
1997	615,739,163	- 0.4	19,945	+ 0.9
1998	626,611,168	+ 1.8	20,589	+ 3.2
1999	640,781,359	+ 2.3	20,929	+ 1.7
2000	658,312,032	+ 2.7	21,344	+ 2.0
2001	670,783,992	+ 1.9	21,826	+ 2.3
2002	676,018,073	+ 0.8	22,531	+ 3.2
2003	672,491,411	- 0.5	22,671	+ 0.6
2004	669,744,954	- 0.4	22,171	- 2.2
2005	667,124,351	- 0.4	22,656	+ 2.2
2006	681,330,715	+ 2.1	22,558	- 0.4
2007	706,317,684	+ 3.7	22,977	+ 1.9
2008	735,867,188	+ 4.2	23,579	+ 2.6
2009	722,238,047	- 1.9	23,073	- 2.1
2010	743,003,013	+ 2.9	23,364	+ 1.3
2011	783,460,386	+ 5.4	24,227	+ 3.7

¹ Not available in public sector accident insurance

Table 34a:

Apportionment quota¹ required of companies in industrial sector

Year	Quota in 1,000 €	Change on previous year in %	Per full time equivalent employee in €	Per 100 € wages
1950	231,668		21	1.69
1955	434,371	+ 6.7	28	1.47
1960	742,536	+ 8.3	41	1.51
1965	1,366,311	+ 9.8	70	1.57
1970	1,845,919	+ 3.7	92	1.38
1975	3,048,397	+ 10.2	167	1.50
1980	4,264,054	+ 5.2	211	1.46
1985	4,731,429	+ 1.2	233	1.40
1990	6,099,399	+ 10.6	239	1.36
1991	7,285,096	+ 19.4	243	1.39
1992	7,980,976	+ 9.6	266	1.43
1993	8,305,492	+ 4.1	280	1.44
1994	8,591,888	+ 3.4	289	1.45
1995	8,949,088	+ 4.2	295	1.46
1996	8,748,284	- 2.2	280	1.42
1997	8,628,803	- 1.4	280	1.40
1998	8,518,133	- 1.3	280	1.36
1999	8,517,128	- 0.01	278	1.33
2000	8,654,903	+ 1.6	281	1.31
2001	8,770,513	+ 1.3	285	1.31
2002	8,989,660	+ 2.5	300	1.33
2003	9,088,071	+ 1.1	306	1.35
2004	8,936,947	- 1.7	296	1.33
2005	8,772,320	- 1.8	298	1.31
2006	8,967,276	+ 2.2	297	1.32
2007	9,023,954	+ 0.6	294	1.28
2008	9,259,996	+ 2.6	297	1.26
2009	9,464,413	+ 2.2	302	1.31
2010	9,816,176	+ 3.7	309	1.32
2011	10,310,358	+ 5.0	319	1.32

¹ Not available in public sector accident insurance

Table 34b:

Contribution quota required of municipalities and affiliated companies in public sector

Year	Quota ¹ in 1,000 €	Change on previous year in %	Per full time equivalent employee / pupil in €
1985	319,686		
1986	340,838	+ 6.6	
1987	351,008	+ 3.0	
1988	364,686	+ 3.9	
1989	372,726	+ 2.2	
1990	378,831	+ 1.6	
1991	458,754	+ 21.1	
1992	487,228	+ 6.2	
1993	538,079	+ 10.4	
1994	653,066	+ 21.4	
1995	682,375	+ 4.5	
1996	748,265	+ 9.7	
1997	740,453	- 1.0	
1998	1,037,979	+ 40.2	
1999	1,039,193	+ 0.1	
2000	1,047,408	+ 0.8	
2001	1,077,294	+ 2.9	
2002	1,077,021	- 0.03	
2003	1,097,730	+ 1.9	49
2004	1,146,342	+ 4.4	52
2005	1,168,452	+ 1.9	52
2006	1,171,899	+ 0.3	52
2007	1,212,918	+ 3.5	54
2008	1,212,764	- 0.01	55
2009	1,222,399	+ 0.8	55
2010	1,237,847	+ 1.3	56
2011	1,268,867	+ 2.5	57

¹ Without "Eigenunfallversicherungsträger" and "Ausführungsbehörden" which has been transformed and merged into "Unfallkassen" and "Gemeindeunfallversicherungsverbände" in 1997 and 2002

Table 35:

Expenditure on compensation

Year	Expenditure in 1,000 €	Change on previous year in %	Per full time equivalent employee ¹ in €	Per 100 € of wages ²
1985	4,625,001			1.19
1986	4,718,882	+ 2.0	171	1.16
1987	4,835,155	+ 2.5	174	1.14
1988	4,957,251	+ 2.5	175	1.12
1989	5,095,538	+ 2.8	176	1.10
1990	5,332,151	+ 4.6	178	1.05
1991	6,100,203	+ 14.4	169	1.02
1992	6,971,782	+ 14.3	191	1.08
1993	7,512,386	+ 7.8	207	1.13
1994	7,913,121	+ 5.3	219	1.16
1995	8,156,909	+ 3.1	221	1.16
1996	8,218,446	+ 0.8	217	1.15
1997	8,402,756	+ 2.2	224	1.18
1998	8,450,296	+ 0.6	228	1.17
1999	8,509,577	+ 0.7	228	1.15
2000	8,542,477	+ 0.4	229	1.12
2001	8,599,249	+ 0.7	232	1.11
2002	8,789,492	+ 2.2	242	1.13
2003	8,806,739	+ 0.2	245	1.13
2004	8,764,536	- 0.5	239	1.13
2005	8,675,926	- 1.0	240	1.12
2006	8,666,241	- 0.1	235	1.09
2007	8,575,052	- 1.1	228	1.05
2008	8,727,941	+ 1.8	229	1.02
2009	9,026,984	+ 3.4	236	1.08
2010 ³	9,304,088	+ 3.1	240	1.08
2011	9,369,686	+ 0.7	238	1.03

¹ Industrial and public sector without pupil accident insurance

² Industrial sector

³ Modifications of the account system from the year under review 2010; | comparisons with previous year only partly possible; e.g. financial compensation incl. new account 589 "payments vor accident investigations", formerly part of procedural costs.

Table 36:

Expenditure on curative treatment

Year	In 1,000 €		Change on previous year in %	
	Total	Of which injury benefit ¹	Total	Injury benefit ¹
1985	1,236,874	307,368		
1986	1,297,175	323,375	+ 4.9	+ 5.2
1987	1,346,814	339,282	+ 3.8	+ 4.9
1988	1,377,708	348,648	+ 2.3	+ 2.8
1989	1,435,727	349,872	+ 4.2	+ 0.4
1990	1,559,341	380,133	+ 8.6	+ 8.6
1991	1,821,704	450,475	+ 16.8	+ 18.5
1992	2,213,892	525,478	+ 21.5	+ 16.6
1993	2,393,196	557,501	+ 8.1	+ 6.1
1994	2,511,911	562,339	+ 5.0	+ 0.9
1995	2,620,255	566,407	+ 4.3	+ 0.7
1996	2,609,508	572,156	- 0.4	+ 1.0
1997	2,664,089	550,455	+ 2.1	- 3.8
1998	2,715,191	550,523	+ 1.9	+ 0.01
1999	2,788,545	557,884	+ 2.7	+ 1.3
2000	2,817,785	562,303	+ 1.0	+ 0.8
2001	2,832,270	577,124	+ 0.5	+ 2.6
2002	2,915,904	606,496	+ 3.0	+ 5.1
2003	2,860,312	549,883	- 1.9	- 9.3
2004	2,854,925	506,763	- 0.2	- 7.8
2005	2,861,599	484,486	+ 0.2	- 4.4
2006	2,950,789	486,559	+ 3.1	+ 0.4
2007	2,955,801	484,155	+ 0.2	- 0.5
2008	3,114,170	515,200	+ 5.4	+ 6.4
2009	3,284,596	556,700	+ 5.5	+ 8.1
2010	3,469,863	583,781	+ 6.5	+ 4.9
2011	3,610,276	602,100	+ 3.2	+ 3.1

¹ Including special assistance

Table 37:

Expenditure on pensions¹ in 1,000 €

Year	Expenditure on pensions for				Total
	Insured persons	Widows and widowers	Orphans	Other claimants	
1985	2,099,632	950,423	151,419	1,715	3,203,189
1986	2,130,074	957,628	144,313	1,580	3,233,595
1987	2,193,008	972,154	137,688	1,709	3,304,559
1988	2,253,480	986,812	131,733	1,409	3,373,435
1989	2,311,109	999,017	124,108	1,511	3,435,745
1990	2,377,190	1,010,688	117,979	1,249	3,507,106
1991	2,794,398	1,064,968	118,982	1,314	3,979,661
1992	3,128,234	1,155,033	126,824	1,256	4,411,347
1993	3,372,782	1,216,886	135,872	1,168	4,726,709
1994	3,573,341	1,266,218	139,105	1,151	4,979,815
1995	3,680,098	1,286,027	139,241	1,303	5,106,669
1996	3,742,889	1,291,736	137,000	1,042	5,172,667
1997	3,809,192	1,293,131	134,738	900	5,237,961
1998	3,820,465	1,291,114	132,253	828	5,244,659
1999	3,849,370	1,286,826	129,547	761	5,266,505
2000	3,863,449	1,287,180	127,730	711	5,279,071
2001	3,914,986	1,297,226	126,509	651	5,339,372
2002	3,982,916	1,316,549	125,612	695	5,425,771
2003	4,017,914	1,323,577	124,940	593	5,467,024
2004	4,006,454	1,320,115	122,916	567	5,450,052
2005	3,987,306	1,310,681	117,813	534	5,416,334
2006	3,941,354	1,310,888	113,746	445	5,366,433
2007	3,897,356	1,296,209	110,953	384	5,304,903
2008	3,894,222	1,300,728	107,767	365	5,303,082
2009	3,994,375	1,335,211	102,801	278	5,432,666
2010	3,993,057	1,331,476	98,556	265	5,423,355
2011	3,954,730	1,322,278	92,666	211	5,369,884

¹ Excluding lump-sum payments and allowances

Table 38:

Expenditure on pensions in € per case

Year	Expenditure on pensions for			
	Insured persons	Widows and widowers	Orphans	Other claimants
1985	3,324	7,541	4,353	3,980
1986	3,382	7,759	4,534	3,911
1987	3,490	8,002	4,696	4,510
1988	3,585	8,282	4,895	4,038
1989	3,680	8,549	4,972	4,525
1990	3,770	8,814	5,157	4,122
1991	3,255	7,979	5,040	4,516
1992	3,643	8,779	5,212	4,775
1993	3,926	9,245	5,655	5,058
1994	4,142	9,647	5,910	5,431
1995	4,252	9,866	6,103	6,327
1996	4,335	10,010	6,158	4,937
1997	4,442	10,163	6,244	4,787
1998	4,460	10,261	6,292	5,049
1999	4,514	10,346	6,331	5,514
2000	4,557	10,420	6,295	5,600
2001	4,654	10,672	6,330	5,759
2002	4,781	10,965	6,387	6,435
2003	4,864	11,142	6,473	5,651
2004	4,905	11,234	6,547	5,967
2005	4,943	11,301	6,460	6,141
2006	4,991	11,549	6,858	6,266
2007	4,955	11,453	6,715	5,480
2008	5,016	11,592	7,009	6,763
2009	5,199	12,036	6,963	5,666
2010	5,262	12,213	7,140	8,041
2011	5,273	12,270	7,199	6,402

Table 39:

Expenditure on prevention in € 1,000

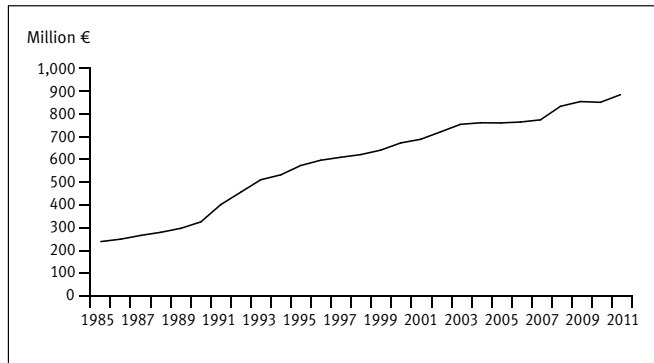
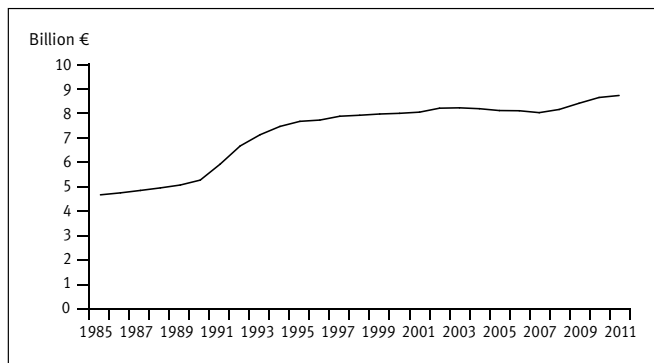
Year	Total	Of which for			
		Accident prevention regulations, publications, etc.	Personnel and material costs of prevention ¹	Services for occupational health and for safety of operation, first aid ²	Training
1985	243,329	3,525	134,677	27,053	36,528
1986	255,059	3,156	142,057	28,883	37,311
1987	272,985	3,414	151,579	30,367	39,870
1988	287,826	3,617	160,679	32,167	40,882
1989	306,906	4,374	171,556	32,995	44,136
1990	337,696	5,164	188,895	34,025	47,525
1991	420,873	8,413	239,714	46,138	56,112
1992	480,361	6,461	271,343	55,555	66,685
1993	540,048	9,030	299,350	68,773	76,590
1994	563,483	7,352	321,514	72,690	78,877
1995	608,318	8,274	341,789	79,657	89,077
1996	633,617	7,496	349,242	86,477	92,269
1997	647,689	8,569	361,497	82,156	98,351
1998	660,549	7,504	372,412	79,222	99,414
1999	681,996	7,476	382,872	85,564	101,427
2000	716,524	6,689	412,802	83,757	104,241
2001	733,981	6,000	418,208	82,236	110,899
2002	769,717	5,349	432,476	85,965	122,551
2003	805,868	4,788	451,339	88,409	130,153
2004	813,308	4,453	458,436	87,477	130,070
2005	812,559	3,775	461,336	84,488	132,746
2006	816,908	3,340	467,937	81,696	134,589
2007	827,386	3,463	475,254	81,146	136,315
2008	892,268	3,264	518,940	88,560	135,590
2009	915,130	3,229	536,523	93,728	137,645
2010	911,435	3,074	534,342	94,944	118,150
2011	948,225	2,703	557,192	98,386	123,211

¹ Denotation in the account system before the year under review 2010 "Advice to business and inspections"

² Separate data as from 1997 only

Table 40:

Staff in the technical inspectorates in 2011

Figure 16:
Expenditure on preventionFigure 17:
Expenditure on compensation

* Modifications of the account system from the year under review 2010; comparisons with last year only partly possible. Incl. new account „payments for accident investigations“, formerly part of procedural costs.

	Technical inspectors	Other technical field staff	Occupational physicians scientific staff	Administrative staff	Total
Accident insurance in industrial sector	1,821	411	498	1,566	4,296
101 BG for the raw materials and chemical industry	151	36	99	205	491
102 BG for the wood-working and metal-working industries	440	180	81	416	1,117
103 BG for the energy, textile, electrical and media products sectors	205	86	23	175	489
104 BG for the building trade	426	25	137	164	752
105 BG for the foodstuffs and catering industry	123	22	74	112	331
106 BG for the trade and distribution industry	156	30	21	142	349
107 BG for the transport industry	90	8	19	48	165
108 BG for the administrative sector	150	10	38	182	380
109 BG for the health and welfare services	80	14	6	122	222
Accident insurance in public sector (General AI)	428	14	28	190	660
Total	2,249	425	526	1,756	4,956

Table 41:

Selected activities of the technical inspectorates in 2011

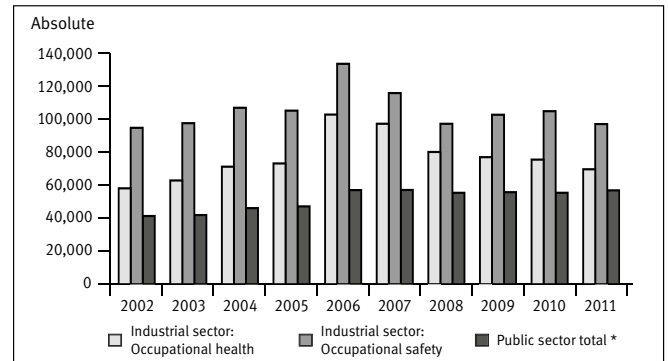
	Inspected companies ¹ / educational institutions ³	Inspections in the compa- nies ¹ / educational institutions ³	Safety deficiencies found ²	Investigated accidents
Accident insurance in industrial sector	256,782	509,349	869,167	30,073
101 BG for the raw materials and chemical industry	10,726	20,281	18,008	3,323
102 BG for the wood-working and metal-working industries	65,372	94,387	106,616	6,861
103 BG for the energy, textile, electrical and media products sectors	27,575	44,918	28,383	2,917
104 BG for the building trade	58,061	228,499	549,848	2,785
105 BG for the foodstuffs and catering industry	27,242	32,243	91,758	6,329
106 BG for the trade and distribution industry	43,629	51,503	31,520	4,851
107 BG for the transport industry	14,571	14,890	19,009	853
108 BG for the administrative sector	5,555	18,577	18,138	1,808
109 BG for the health and welfare services	4,051	4,051	5,887	346
Accident insurance in public sector (General AI)	4,893	10,617	31,092	1,810
Total	261,675	519,966	900,259	31,883
Pupil accident insurance	3,202	4,080	-	648

¹ Including assistance companies

² Not available in pupil accident insurance

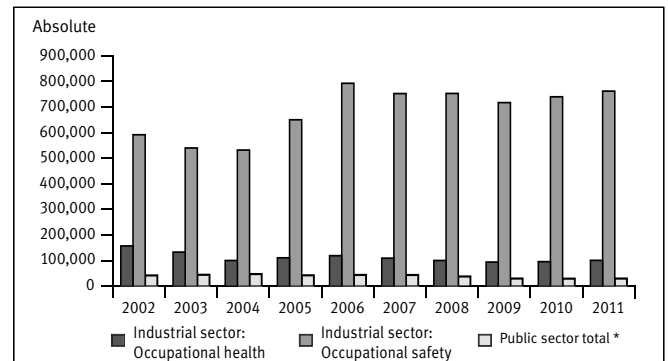
³ The inspected companies and inspections in the public sector include the educational institutions of the pupil accident insurance

Figure 18:
Advice for companies (excluding advice during usual safety audits)



* Up to now, no special survey has been carried out in public sector accident insurance on classifying consultations according to health and safety.

Figure 19:
Safety deficiencies



* Up to now, no special survey has been carried out in public sector accident insurance on classifying consultations according to health and safety.

Table 42:

Occupational health and safety training seminars by target groups in 2011

	Target groups				Total number of courses
	Safety officers	OSH professionals	Employers and managers	Other company staff	
Accident insurance in industrial sector	2,957	1,067	2,130	10,844	16,998
101 BG for the raw materials and chemical industry	394	91	273	309	1,067
102 BG for the wood-working and metal-working industries	552	177	597	4,428	5,754
103 BG for the energy, textile, electrical and media products sectors	376	115	299	2,159	2,949
104 BG for the building trade	159	99	428	1,229	1,915
105 BG for the foodstuffs and catering industry	138	36	140	484	798
106 BG for the trade and distribution industry	312	58	72	146	588
107 BG for the transport industry	72	22	49	184	327
108 BG for the administrative sector	569	175	163	1,382	2,289
109 BG for the health and welfare services	385	46	109	523	1,063
Accident insurance in public sector (General AI)	560	244	686	1,094	2,584
Total	3,517	1,311	2,816	11,938	19,582

Table 43:

Persons attending OSH training by target groups in 2011

	Target groups				Attendance Total
	Safety officers	OSH professionals	Employers and managers	Other company staff	
Accident insurance in industrial sector	60,981	23,303	38,180	196,400	318,864
101 BG for the raw materials and chemical industry	8,860	1,684	4,341	6,234	21,119
102 BG for the wood-working and metal-working industries	11,496	3,842	9,983	65,171	90,492
103 BG for the energy, textile, electrical and media products sectors	7,052	2,932	5,501	43,442	58,927
104 BG for the building trade	3,354	2,246	8,580	24,486	38,666
105 BG for the foodstuffs and catering industry	2,353	741	2,270	13,680	19,044
106 BG for the trade and distribution industry	6,900	1,271	1,171	2,923	12,265
107 BG for the transport industry	1,725	731	1,426	3,961	7,843
108 BG for the administrative sector	11,722	3,479	3,208	28,248	46,657
109 BG for the health and welfare services	7,519	1,037	1,700	8,255	18,511
Accident insurance in public sector (General AI)	10,677	4,866	14,837	20,737	51,117
Total	71,658	28,169	53,017	217,137	369,981

Table 42a/43a:

Seminars and persons attending in pupil accident insurance by target groups in 2011

	Target groups			Total
	Head teachers, teachers, social workers and similar others	Safety officers	Others in pupil accident insurance	
Seminars	720	275	462	1,457
Attendance	15,113	5,826	10,055	30,994

Table 44:

Personal with responsibility for safety at work in 2011

	Safety officers	OSH professionals ¹	Trained first-aiders
Accident insurance in industrial sector	419,298	76,721	1,149,010
101 BG for the raw materials and chemical industry	59,117	7,782	38,305
102 BG for the wood-working and metal-working industries	76,801	24,124	148,356
103 BG for the energy, textile, electrical and media products sectors	58,151	12,758	184,792
104 BG for the building trade	18,101	7,113	76,773
105 BG for the foodstuffs and catering industry	21,101	3,417	38,143
106 BG for the trade and distribution industry	36,532	3,461	135,192
107 BG for the transport industry	20,310	1,125	20,890
108 BG for the administrative sector	41,788	9,240	134,696
109 BG for the health and welfare services	87,397	7,701	371,863
Accident insurance in public sector (General AI)	97,224	5,394	154,287
Total	516,522	82,115	1,303,297
Pupil accident insurance			
<i>Safety officers and first-aiders</i>	93,119	–	134,427

¹ Not available in pupil accident insurance