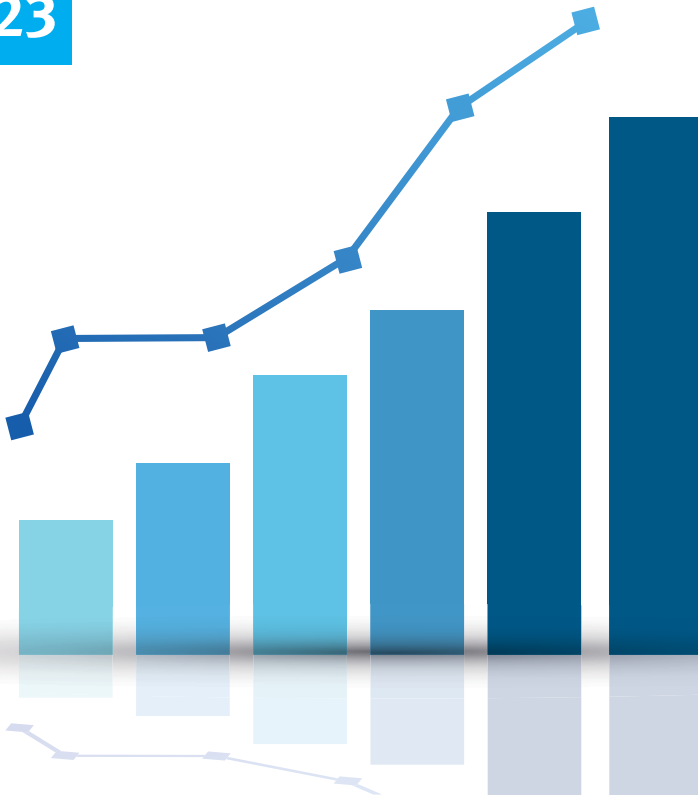


# DGUV Statistics

2023



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

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# **DGUV Statistics 2023**

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accident insurers

# Table of contents

<b>Notes on tables and figures</b> .....	<b>8</b>
<b>Scope of insurance</b>	
Companies, hours worked and full time equivalent employees .....	15
Institutions, insureds in statutory pupil accident insurance .....	16
Companies by size in 2023 .....	18
Full time equivalent employees/pupils .....	20
<b>Reportable accidents</b>	
Reportable work-related accidents .....	22
Reportable school-related accidents .....	23
Reportable work-related accidents .....	24
Reportable school-related accidents .....	25
Reportable accidents at work by sector and BG .....	26
Reportable accidents at work by sector and BG .....	27
Reportable accidents at school by region .....	28
Reportable commuting accidents by sector and BG .....	29
Reportable commuting accidents by sector and BG .....	30
Reportable school commuting accidents by region .....	31
<b>New accident pensions</b>	
Work-related accidents – new pensions .....	34
School-related accidents – new pensions .....	35
Work-related accidents – new pensions .....	36
School-related accidents – new pensions .....	37
Accidents at work – new pensions by sector and BG .....	38
Accidents at school – new pensions by region .....	39
Accidents at work – new pensions by sector and BG .....	40
Commuting accidents – new pensions by sector and BG .....	41
School commuting accidents – new pensions by region .....	42
Commuting accidents – new pensions by sector and BG .....	43

**Fatal accidents**

Fatal work-related accidents .....	44
Fatal school-related accidents .....	45
Fatal work-related accidents .....	46
Fatal accidents at work by sector and BG .....	47
Fatal commuting accidents by sector and BG .....	48
Fatal school-related accidents by region .....	49

**Occupational diseases (OD)**

Occupational Diseases as contained in the annex to the German ordinance on occupational diseases .....	52
Occupational diseases as contained in the appendix of the former GDR ordinance on occupational diseases .....	56
Occupational diseases: Decisions .....	58
Occupational diseases (OD) in 2023 by subgroups of diseases; summary .....	60
Occupational diseases (OD) in 2023 as contained in the appendix of the former GDR ordinance .....	62
Notifications of suspected cases of occupational disease .....	64
Recognized cases of occupational disease .....	66
New occupational disease pensions .....	68
Fatalities due to occupational disease .....	70
Notifications of suspected cases of occupational disease by sector and BG .....	72
Recognized cases of occupational disease by sector and BG .....	73
New occupational disease pensions by sector and BG .....	74
Long-term trends of occupational disease: notifications of suspected cases, recognized cases, new pensions .....	75

**Stock of pensions .....** **78**

## Table of contents

### Contribution

Remuneration level used as basis for calculating contribution in industrial sector .....	80
Apportionment quota required of companies in industrial sector.....	81
Contribution quota required of municipalities and affiliated companies in public sector .....	82

### Expenditure

Expenditure on compensation .....	84
Expenditure on curative treatment .....	85
Expenditure on pensions in € 1,000 .....	86
Expenditure on pensions in € per case .....	87
Expenditure on prevention in € 1,000 .....	88

### Prevention

Staff in the section of prevention in 2023 .....	90
Selected activities in the section of prevention in 2023 .....	91
Consulting initiated by companies and insured persons 2023 .....	92
Occupational health and safety training seminars by target groups in 2023 .....	93
Persons attending OSH training by target groups in 2023 .....	94
Staff with responsibility for safety at work in 2023 .....	95

# Figures

## Figures

Fig. 1:	Hours worked.....	17
Fig. 2:	Full time equivalent employees/pupils .....	17
Fig. 3:	Companies .....	19
Fig. 4:	Full time equivalent employees by company size 2023.....	19
Fig. 5:	Reportable occupational accidents at the workplace in 2023 .....	21
Fig. 6:	Reportable accidents at work and school .....	32
Fig. 7:	Reportable work- and school-related commuting accidents .....	32
Fig. 8:	Accidents at work and school – new pensions .....	33
Fig. 9:	Work- and school-related commuting accidents – new pensions .....	33
Fig. 10:	Fatal accidents .....	50
Fig. 11:	Notifications of suspected cases of occupational disease.....	76
Fig. 12:	Recognized cases of occupational disease.....	76
Fig. 13:	New occupational disease pensions.....	77
Fig. 14:	Total pensions paid at end of 2023.....	79
Fig. 15:	Total pensions.....	79
Fig. 16:	BG contribution rate and share in all social security contributions .....	83
Fig. 17:	Expenditure on prevention .....	89
Fig. 18:	Expenditure on compensation .....	89

# Notes on tables and figures

## 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) has been 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 list of occupational diseases can be found on p. 52 in table 20a.*

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 rec-



ognized 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 1987 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, 2002, all monetary figures have been reported in Euro. To facilitate a comparison with the previous years, the figures before 2002 have been converted in €, the conversion being based on the factor 1.95583 DM for 1 €.

*9 institutions for  
trade and industry  
as well as  
24 institutions for  
the public sector  
have been  
members of DGUV  
in 2023.*

### Mergers

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.

In addition, a large number of mergers took place between the individual institutions for statutory accident insurance since the turn of the century. The figures shown always represent the current situation at the time of the most recent reporting year for the previous years, too.

## Data revision

On the basis of a revision of the data base, there may be some slight differences between previous publications and publications from the year 2016 onwards.

## Implementation of the electronic wage statement

Since 2018, the reporting of wages and working hours by companies to the statutory accident insurance is only possible digitally. Compared to the previous notification on paper, the electronic wage statement provides more precise information on the insured persons and hours worked. This limits the informative value of comparisons with previous years.

## 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 school<sup>1</sup> 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.

<sup>1</sup> 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.

Until 2020 for some diseases, the confirmation of the occupational causation had to coincide with additional insurance conditions, e.g. some diseases had to force the person to refrain from all activities which led or could lead to the development, aggravation or recurrence of the illness. If such conditions were not fulfilled, a formal OD recognition was not possible. Nevertheless, extensive benefits for prevention, curative treatment and vocational help were often granted in these cases.

*Due to multiple insurance relationships the number of insurance relationships does not equal the number of insured persons.*

### 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.

TABLE 1

## Companies, hours worked and full time equivalent employees

Year	Companies <sup>1</sup>	Hours worked in 1,000	Full time equivalent employees	FTE guideline figure <sup>2</sup>
1994	3,013,134	54,463,880	34,755,066	1,570
1995	3,132,124	55,933,957	35,458,516	1,570
1996	3,177,649	55,950,166	36,340,343	1,520
1997	3,263,723	55,339,481	35,946,365	1,530
1998	3,326,795	55,195,601	35,453,589	1,550
1999	3,346,331	55,712,781	35,712,028	1,560
2000	3,392,402	55,071,511	35,759,390	1,540
2001	3,383,339	54,390,728	35,549,496	1,530
2002	3,379,854	53,188,970	34,764,031	1,530
2003	3,407,108	52,643,804	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
2012	3,726,475	59,972,074	37,957,013	1,580
2013	3,775,721	60,254,613	38,873,944	1,550
2014	3,861,340	60,934,232	39,060,408	1,560
2015	3,895,441	61,861,231	39,402,061	1,570
2016	3,875,908	62,909,624	40,069,828	1,570
2017	3,914,687	64,385,119	41,272,482	1,560
2018 <sup>3</sup>	3,922,291	59,246,857	37,978,727	1,560
2019	3,953,076	64,419,566	41,560,982	1,550
2020	3,668,105	62,653,404	41,219,318	1,520
2021	3,659,827	62,756,804	40,751,144	1,540
2022	3,619,682	64,229,668	43,107,131	1,490
2023	3,525,411	64,974,807	43,316,510	1,500

<sup>1</sup> Companies, private households and assistance companies

<sup>2</sup> For definition see note on p. 13

<sup>3</sup> See note on p. 11 for interpretation

TABLE 1A

## Institutions, insureds in statutory pupil accident insurance

Year	Educational institutions <sup>1</sup>	Insureds <sup>2</sup> at the beginning of the year
<b>1994</b>	80,871	16,336,970
<b>1995</b>	82,066	16,452,524
<b>1996</b>	83,099	16,809,262
<b>1997</b>	98,049	17,539,932
<b>1998</b>	99,975	17,659,188
<b>1999</b>	100,354	17,583,620
<b>2000</b>	94,048	17,363,208
<b>2001</b>	91,112	17,444,431
<b>2002</b>	93,230	17,479,762
<b>2003</b>	94,898	17,443,636
<b>2004</b>	89,054	17,416,479
<b>2005</b>	87,795	17,373,585
<b>2006</b>	120,260	17,399,085
<b>2007</b>	120,019	17,268,114
<b>2008</b>	126,771	17,058,553
<b>2009</b>	131,026	17,072,402
<b>2010</b>	136,766	17,122,852
<b>2011</b>	140,512	17,071,776
<b>2012</b>	139,970	17,150,120
<b>2013</b>	140,891	17,155,415
<b>2014</b>	142,104	17,112,531
<b>2015</b>	142,271	17,170,607
<b>2016</b>	143,560	17,327,432
<b>2017</b>	144,280	17,507,145
<b>2018</b>	144,525	17,574,027
<b>2019</b>	145,032	17,599,484
<b>2020</b>	145,697	17,682,281
<b>2021</b>	145,077	17,719,781
<b>2022</b>	144,181	17,785,680
<b>2023</b>	144,901	18,086,157

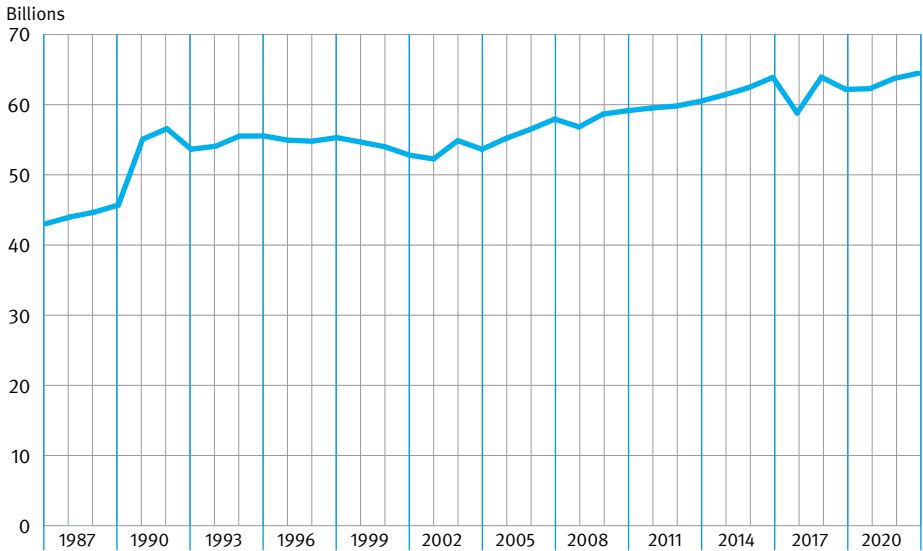
<sup>1</sup> Including day care facilities

<sup>2</sup> Pupils from nursery school (including day care) through university



FIGURE 1

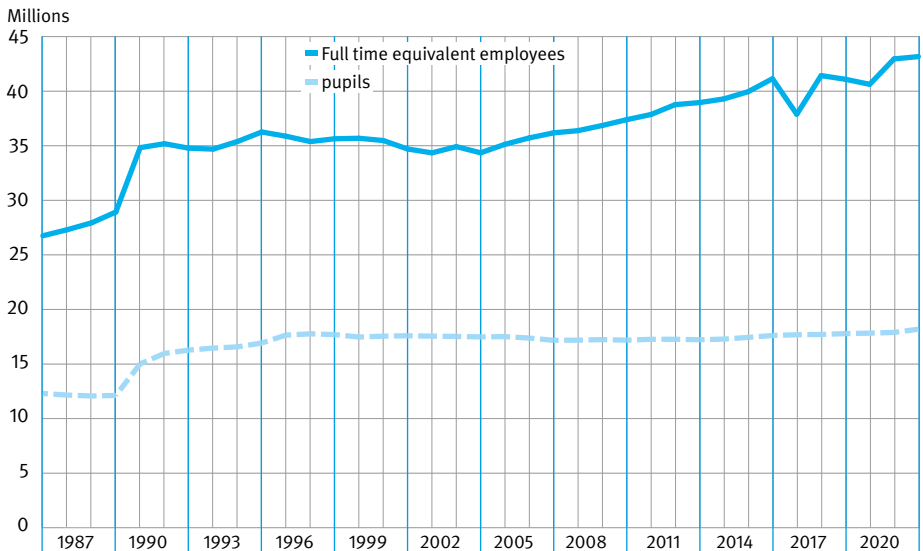
Hours worked \*



\* Excluding day care and school

FIGURE 2

Full time equivalent employees/pupils \*



\* Children and adolescents from nursery school through university

TABLE 2

## Companies<sup>1</sup> by size in 2023

	Number of companies with ... full time equivalent employees					All companies <sup>2</sup>
	up to 9	10 to 49	50 to 249	250 to 499	500 or more	
<b>Accident insurance in industrial sector</b>	<b>2,677,139</b>	<b>315,467</b>	<b>69,735</b>	<b>8,952</b>	<b>6,972</b>	<b>3,083,569</b>
101 BG for the raw materials and chemical industry	13,064	5,263	2,810	558	443	24,580
102 BG for the wood-working and metal-working industries	125,918	34,922	9,233	1,420	901	172,394
103 BG for the energy, textile, electrical and media products sectors	184,094	34,441	9,554	1,292	1,084	230,465
104 BG for the building trade	280,160	35,652	4,395	355	254	320,816
105 BG for the food-stuffs and catering industry	191,835	29,603	4,802	549	389	227,178
106 BG for the trade and logistics industry	253,906	42,455	10,407	1,232	993	308,993
107 BG for the Transport industry, postal logistics and telecommunications	180,692	19,270	4,018	348	240	207,255
108 BG for the administrative sector	852,790	64,652	13,986	1,719	1,250	934,397
109 BG for the health and welfare services	594,680	49,209	10,530	1,479	1,418	657,491
<b>Accident insurance in public sector (General AI<sup>3</sup>)</b>	<b>9,095</b>	<b>6,815</b>	<b>4,209</b>	<b>1,143</b>	<b>1,262</b>	<b>24,623</b>
<b>Total</b>	<b>2,686,234</b>	<b>322,282</b>	<b>73,944</b>	<b>10,095</b>	<b>8,234</b>	<b>3,108,192</b>

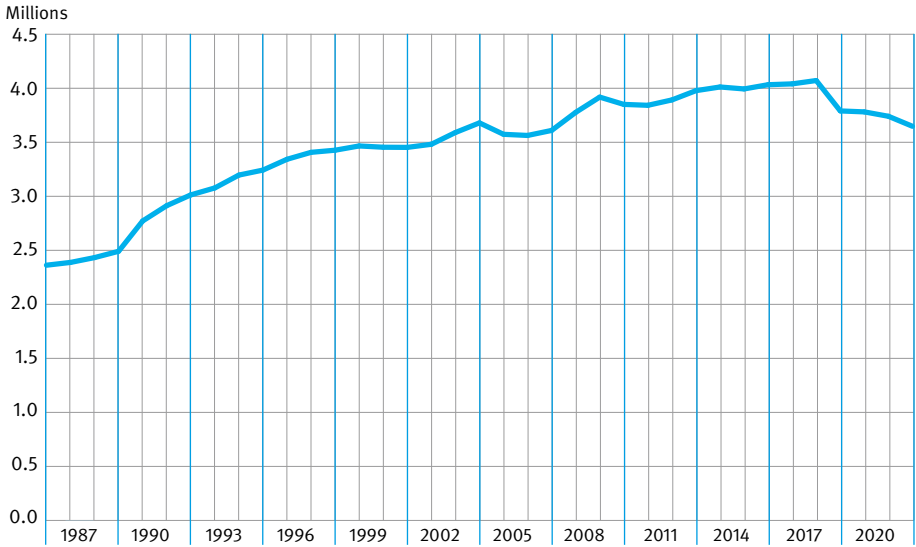
<sup>1</sup> Without private households and assistance companies

<sup>2</sup> In some cases the size of companies was not available, So summing up does not always coincide with the column,

<sup>3</sup> General AI (General Accident Insurance): Public Sector accident insurance without pupil accident insurance,

FIGURE 3

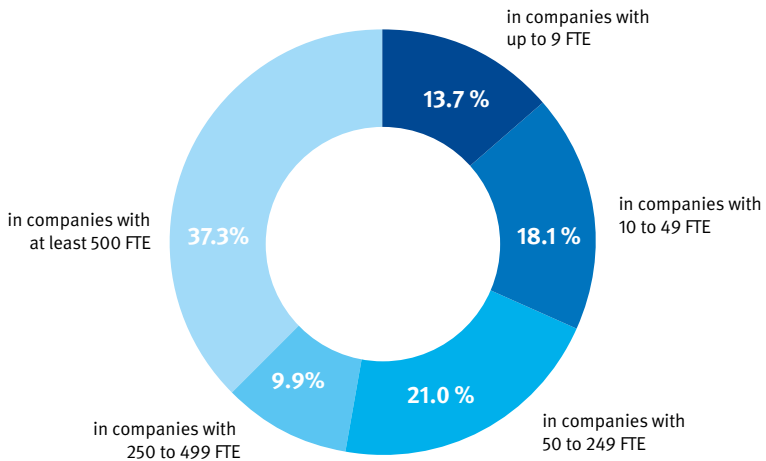
### Companies\*



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

FIGURE 4

### Full time equivalent employees\* by company size 2023



\* Full time equivalent employees (only for dependent employees, employers and non-professional construction workers)  
Total number of full time equivalent employees: 34,995,431 without full time equivalent employees in companies unknown size

TABLE 3

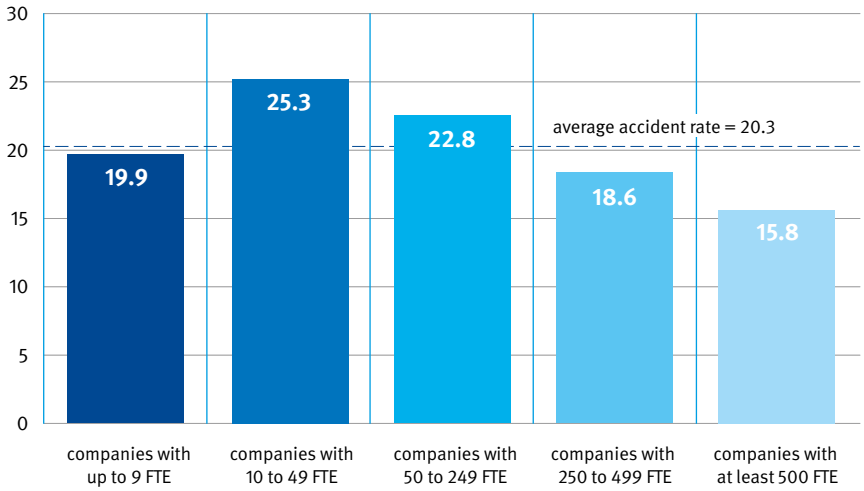
### Full time equivalent employees/pupils

	2010	2015	2020	2022	2023
<b>Accident insurance in industrial sector</b>	<b>32,049,142</b>	<b>34,406,081</b>	<b>33,129,825</b>	<b>34,161,048</b>	<b>34,329,028</b>
101 BG for the raw materials and chemical industry	1,179,281	1,212,459	1,305,794	1,355,377	1,347,598
102 BG for the wood-working and metal-working industries	3,844,841	4,089,069	3,994,973	4,141,657	4,099,344
103 BG for the energy, textile, electrical and media products sectors	2,893,902	3,066,041	3,051,822	3,149,193	3,164,640
104 BG for the building trade	1,769,325	1,844,284	2,086,522	2,183,560	2,158,236
105 BG for the food-stuffs and catering industry	1,817,047	1,937,151	1,706,333	2,009,290	2,114,851
106 BG for the trade and logistics industry	3,739,645	4,488,496	4,482,120	4,562,506	4,513,782
107 BG for the Transport industry, postal logistics and telecommunications	1,669,824	1,643,065	1,685,411	1,757,141	1,765,585
108 BG for the administrative sector	11,047,870	11,594,383	9,586,760	9,566,851	9,690,758
109 BG for the health and welfare services	4,087,407	4,531,133	5,230,090	5,435,473	5,474,234
<b>Accident insurance in public sector (General AI)</b>	<b>4,892,027</b>	<b>4,995,980</b>	<b>8,089,493</b>	<b>8,946,083</b>	<b>8,987,482</b>
<b>Total</b>	<b>36,941,169</b>	<b>39,402,061</b>	<b>41,219,318</b>	<b>43,107,131</b>	<b>43,316,510</b>
<b>Pupil accident insurance Pupils</b>	<b>17,122,852</b>	<b>17,170,607</b>	<b>17,682,281</b>	<b>17,785,680</b>	<b>18,086,157</b>

FIGURE 5

## Reportable occupational accidents at the workplace \* in 2023

by company size, per 1,000 full time equivalent employees



\* 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	Commuting accidents	Total
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	919,025	188,452	1,107,477
2012	885,009	176,356	1,061,365
2013	874,514	185,667	1,060,181
2014	869,817	174,240	1,044,057
2015	866,056	179,181	1,045,237
2016	877,071	186,070	1,063,141
2017	873,522	190,968	1,064,490
2018	877,198	188,527	1,065,725
2019	871,547	186,672	1,058,219
2020	760,492	152,823	913,315
2021	806,217	170,853	977,070
2022	787,412	173,288	960,700
2023	783,426	184,355	967,781

TABLE 4A

## Reportable school-related accidents

*absolute figures*

Year	Accidents at school	School commuting accidents	Total
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
2012	1,229,546	110,908	1,340,454
2013	1,212,563	112,225	1,324,788
2014	1,283,506	109,992	1,393,498
2015	1,244,577	110,200	1,354,777
2016	1,241,139	111,216	1,352,355
2017	1,212,550	109,375	1,321,925
2018	1,162,901	109,346	1,272,247
2019	1,176,664	108,787	1,285,451
2020	691,284	71,764	763,048
2021	655,373	62,545	717,918
2022	987,391	88,718	1,076,109
2023	1,025,963	92,308	1,118,271

TABLE 5

## Reportable work-related accidents

*per 1,000 FTE/weighted insurance relationships*

Year	Accidents at work		Commuting accidents per 1,000 weighted insurance relationships
	Per 1,000 full time equivalent employees	Per one million hours worked	
1994	49.69	31.71	6.18
1995	46.58	29.53	6.60
1996	41.40	26.89	6.43
1997	40.42	26.26	5.89
1998	40.71	26.15	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	4.73
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	24.52	15.42	4.34
2012	23.32	14.76	3.93
2013	22.50	14.51	4.08
2014	22.27	14.27	3.75
2015	21.98	14.00	3.78
2016	21.89	13.94	3.85
2017	21.16	13.57	3.86
2018 <sup>1</sup>	23.10	14.81	3.64
2019	20.97	13.53	3.61
2020	18.45	12.14	3.05
2021	19.78	12.85	3.37
2022	18.27	12.26	3.29
2023	18.09	12.06	3.30

<sup>1</sup> See note on p. 11 for interpretation



TABLE 5A

## Reportable school-related accidents

per 1,000 pupils

Year	Accidents at school per 1,000 pupils	School commuting accidents per 1,000 pupils	All accidents per 1,000 pupils
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
2012	71.69	6.47	78.16
2013	70.68	6.54	77.22
2014	75.00	6.43	81.43
2015	72.48	6.42	78.90
2016	71.63	6.42	78.05
2017	69.26	6.25	75.51
2018	66.17	6.22	72.39
2019	66.86	6.18	73.04
2020	39.09	4.06	43.15
2021	36.99	3.53	40.52
2022	55.52	4.99	60.50
2023	56.73	5.10	61.83

TABLE 6

## Reportable accidents at work by sector and BG

*absolute figures*

	2010	2015	2020	2022	2023
<b>Accident insurance in industrial sector</b>	<b>852,532</b>	<b>791,319</b>	<b>702,243</b>	<b>720,294</b>	<b>715,694</b>
101 BG for the raw materials and chemical industry	22,689	22,234	22,760	23,491	22,805
102 BG for the wood-working and metal-working industries	163,864	151,179	125,617	125,940	123,707
103 BG for the energy, textile, electrical and media products sectors	63,206	56,135	48,812	49,922	50,075
104 BG for the building trade	117,736	102,333	103,970	99,380	96,153
105 BG for the food-stuffs and catering industry	72,921	67,622	53,878	58,065	58,712
106 BG for the trade and logistics industry	100,417	102,766	99,360	101,881	104,656
107 BG for the Transport industry, postal logistics and telecommunications	72,679	69,935	65,730	66,416	66,563
108 BG for the administrative sector	174,779	147,156	109,668	119,418	111,640
109 BG for the health and welfare services	64,241	71,959	72,448	75,781	81,383
<b>Accident insurance in public sector (General AI)</b>	<b>101,927</b>	<b>74,737</b>	<b>58,249</b>	<b>67,118</b>	<b>67,732</b>
<b>Total</b>	<b>954,459</b>	<b>866,056</b>	<b>760,492</b>	<b>787,412</b>	<b>783,426</b>
<b>Pupil accident insurance</b> <i>Reportable accidents at school</i>	<i>1,307,348</i>	<i>1,244,577</i>	<i>691,284</i>	<i>987,391</i>	<i>1,025,963</i>

TABLE 7

## Reportable accidents at work by sector and BG

per 1,000 FTE/pupils

	2010	2015	2020	2022	2023
<b>Accident insurance in industrial sector</b>	<b>26.60</b>	<b>23.00</b>	<b>21.20</b>	<b>21.09</b>	<b>20.85</b>
101 BG for the raw materials and chemical industry	19.24	18.34	17.43	17.33	16.92
102 BG for the wood-working and metal-working industries	42.62	36.97	31.44	30.41	30.18
103 BG for the energy, textile, electrical and media products sectors	21.84	18.31	15.99	15.85	15.82
104 BG for the building trade	66.54	55.49	49.83	45.51	44.55
105 BG for the food-stuffs and catering industry	40.13	34.91	31.58	28.90	27.76
106 BG for the trade and logistics industry	26.85	22.90	22.17	22.33	23.19
107 BG for the Transport industry, postal logistics and telecommunications	43.52	42.56	39.00	37.80	37.70
108 BG for the administrative sector	15.82	12.69	11.44	12.48	11.52
109 BG for the health and welfare services	15.72	15.88	13.85	13.94	14.87
<b>Accident insurance in public sector (General AI)</b>	<b>20.84</b>	<b>14.96</b>	<b>7.20</b>	<b>7.50</b>	<b>7.54</b>
<b>Total</b>	<b>25.84</b>	<b>21.98</b>	<b>18.45</b>	<b>18.27</b>	<b>18.09</b>
<b>Pupil accident insurance</b> <i>Reportable accidents at school per 1,000 pupils</i>	76.35	72.48	39.09	55.52	56.73

TABLE 7A

## Reportable accidents at school by region

per 1,000 pupils

	2010	2015	2020	2022	2023
Baden-Württemberg	70.66	63.22	33.29	55.44	56.26
Bavaria	61.27	64.61	30.81	45.97	48.84
Berlin	85.93	83.90	45.85	62.11	61.13
Brandenburg	88.47	83.42	53.40	64.12	67.38
Bremen	78.78	66.78	33.26	48.78	47.50
Hamburg/ Schleswig-Holstein <sup>1</sup>	78.92	81.02	45.60	59.29	60.52
Hesse	65.16	61.07	37.36	54.69	55.91
Mecklenburg- Vorpommern	89.50	89.48	53.76	67.29	69.93
Lower Saxony	82.55	83.17	40.11	55.07	56.61
North Rhine-Westphalia	85.71	73.00	38.70	56.38	56.65
Rhineland-Palatinate	69.84	69.53	38.19	54.80	59.13
Saarland	78.88	69.01	39.45	58.77	59.45
Saxony	74.93	79.23	44.36	59.78	59.72
Saxony-Anhalt	86.19	74.68	49.83	58.17	58.85
Thuringia	87.90	93.71	51.20	59.94	58.96
<b>Total</b>	<b>76.35</b>	<b>72.48</b>	<b>39.09</b>	<b>55.52</b>	<b>56.73</b>

<sup>1</sup> Public sector accident insurance institution spanning two Länder

TABLE 8

## Reportable commuting accidents by sector and BG

*absolute figures*

	2010	2015	2020	2022	2023
<b>Accident insurance in industrial sector</b>	<b>191,693</b>	<b>153,980</b>	<b>131,199</b>	<b>148,254</b>	<b>158,168</b>
101 BG for the raw materials and chemical industry	6,161	5,662	4,474	5,174	5,364
102 BG for the wood-working and metal-working industries	22,217	19,383	15,903	18,515	19,674
103 BG for the energy, textile, electrical and media products sectors	15,023	12,669	10,681	11,437	12,535
104 BG for the building trade	11,738	8,740	7,723	8,298	8,574
105 BG for the food-stuffs and catering industry	14,321	10,967	8,296	10,311	10,487
106 BG for the trade and logistics industry	25,308	22,159	19,036	21,420	23,655
107 BG for the Transport industry, postal logistics and telecommunications	8,786	7,177	6,232	7,293	7,579
108 BG for the administrative sector	53,230	36,984	27,561	30,404	31,406
109 BG for the health and welfare services	34,909	30,239	31,293	35,402	38,894
<b>Accident insurance in public sector (General AI)</b>	<b>32,280</b>	<b>25,201</b>	<b>21,624</b>	<b>25,034</b>	<b>26,187</b>
<b>Total</b>	<b>223,973</b>	<b>179,181</b>	<b>152,823</b>	<b>173,288</b>	<b>184,355</b>
<b>Pupil accident insurance</b> <i>Reportable school commuting accidents</i>	<i>124,572</i>	<i>110,200</i>	<i>71,764</i>	<i>88,718</i>	<i>92,308</i>

TABLE 9

## Reportable commuting accidents by sector and BG

per 1,000 weighted insurance relationships/pupils

	2010	2015	2020	2022	2023
<b>Accident insurance in industrial sector</b>	<b>5.13</b>	<b>3.75</b>	<b>3.07</b>	<b>3.31</b>	<b>3.30</b>
101 BG for the raw materials and chemical industry	5.02	4.01	2.80	3.18	3.30
102 BG for the wood-working and metal-working industries	5.20	4.09	3.11	3.45	3.87
103 BG for the energy, textile, electrical and media products sectors	4.12	3.28	2.55	2.77	2.94
104 BG for the building trade	4.41	3.18	2.56	2.62	2.69
105 BG for the food-stuffs and catering industry	4.30	3.03	2.72	2.86	2.73
106 BG for the trade and logistics industry	6.03	4.12	3.60	4.09	3.12
107 BG for the Transport industry, postal logistics and telecommunications	5.16	4.28	3.63	4.07	3.05
108 BG for the administrative sector	5.29	3.52	2.52	2.61	2.73
109 BG for the health and welfare services	5.60	4.27	3.99	4.30	4.69
<b>Accident insurance in public sector (General AI)</b>	<b>6.01</b>	<b>3.99</b>	<b>2.95</b>	<b>3.18</b>	<b>3.27</b>
<b>Total</b>	<b>5.25</b>	<b>3.78</b>	<b>3.05</b>	<b>3.29</b>	<b>3.30</b>
<b>Pupil accident insurance</b> <i>Reportable school commuting accidents per 1,000 pupils</i>	7.28	6.42	4.06	4.99	5.10

TABLE 9A

## Reportable school commuting accidents by region

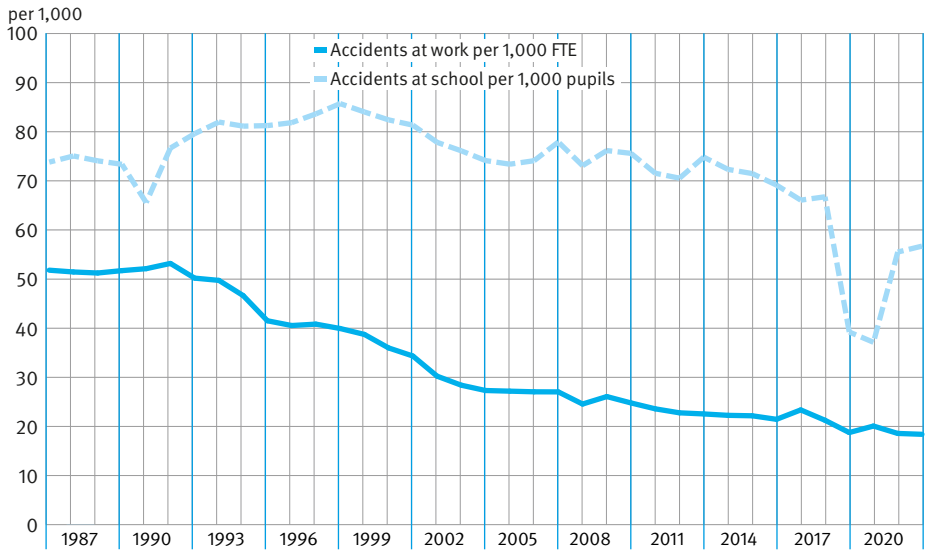
per 1,000 pupils

	2010	2015	2020	2022	2023
Baden-Württemberg	6.14	6.19	4.02	4.70	5.13
Bavaria	7.79	7.07	3.81	4.88	5.20
Berlin	5.79	4.93	3.20	3.40	3.37
Brandenburg	7.81	5.84	4.97	6.01	6.03
Bremen	8.42	5.84	3.87	4.99	4.48
Hamburg/ Schleswig-Holstein <sup>1</sup>	8.38	6.47	4.15	4.99	4.91
Hesse	5.48	4.45	3.22	4.09	4.02
Mecklenburg- Vorpommern	6.61	6.39	4.78	5.26	5.49
Lower Saxony	10.24	9.73	5.10	6.43	6.45
North Rhine-Westphalia	7.13	6.18	4.09	5.26	5.23
Rhineland-Palatinate	5.86	6.05	4.02	4.68	5.18
Saarland	8.16	5.48	3.02	4.41	4.39
Saxony	7.14	5.88	4.26	5.49	5.38
Saxony-Anhalt	7.82	5.19	3.80	4.33	4.21
Thuringia	7.18	6.65	4.39	4.08	4.56
<b>Total</b>	<b>7.28</b>	<b>6.42</b>	<b>4.06</b>	<b>4.99</b>	<b>5.10</b>

<sup>1</sup> Public sector accident insurance institution spanning two Länder

FIGURE 6

## Reportable accidents at work<sup>1</sup> and school<sup>2</sup>

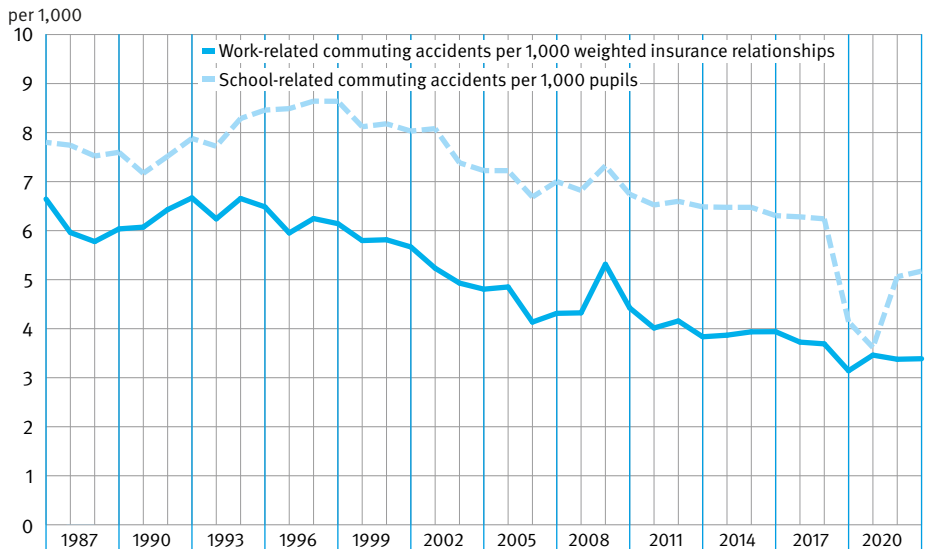


<sup>1</sup> Accidents at work which are either fatal or lead to an incapacity to work for more than three days.

<sup>2</sup> Accidents at school (including day care) which are either fatal or lead to medical attention.

FIGURE 7

## Reportable work<sup>1</sup>- and school<sup>2</sup>-related commuting accidents



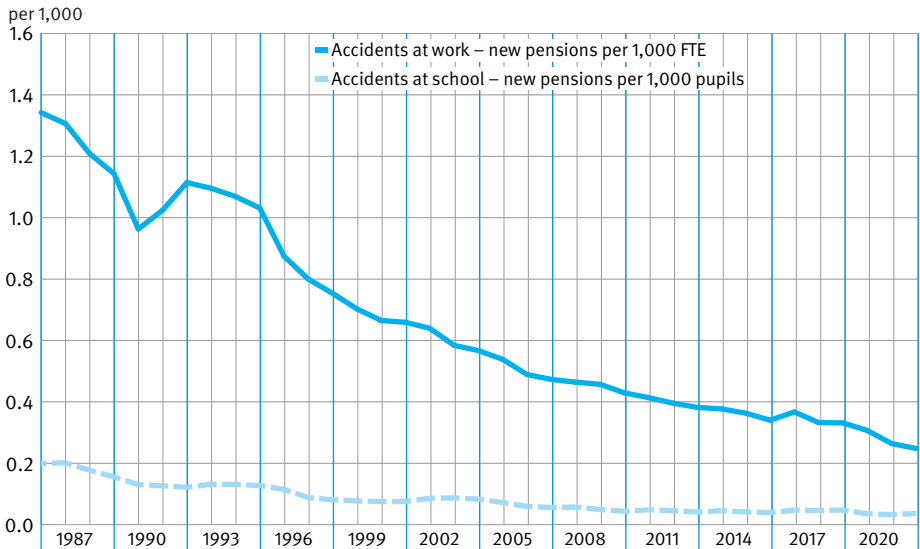
<sup>1</sup> Accidents on the way to or from work which are either fatal or lead to an incapacity to work for more than three days.

<sup>2</sup> Accidents on the way to or from school (including day care) which are either fatal or lead to medical attention.



FIGURE 8

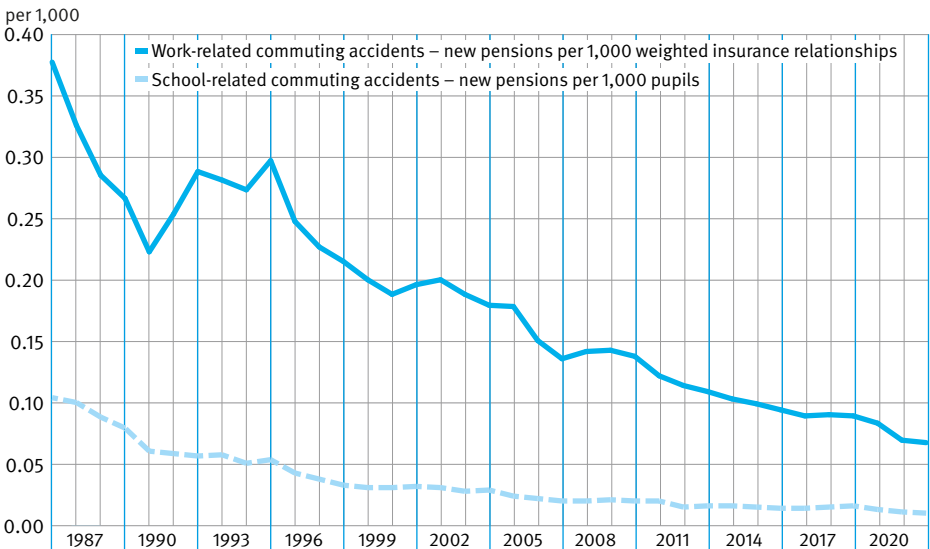
### Accidents at work and school – new pensions \*



\* 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 9

### Work- and school-related commuting accidents – new 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<sup>1</sup>***absolute figures*

Year	Accidents at work	Commuting accidents	Total
1994	37,983	11,093	49,076
1995	37,809	11,001	48,810
1996	37,368	11,876	49,244
1997 <sup>2</sup>	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
2012	15,344	5,449	20,793
2013	14,990	5,146	20,136
2014	14,540	4,997	19,537
2015	14,460	4,809	19,269
2016	14,132	4,716	18,848
2017	13,625	4,607	18,232
2018	13,559	4,548	18,107
2019	13,362	4,626	17,988
2020	13,227	4,413	17,640
2021	12,079	4,132	16,211
2022	10,927	3,587	14,514
2023	10,283	3,682	13,965

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

<sup>2</sup> 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-related accidents – new pensions <sup>1</sup>***absolute figures*

Year	Accidents at school	School commuting accidents	Total
1994	1,944	915	2,859
1995	1,935	810	2,745
1996	1,926	882	2,808
1997 <sup>2</sup>	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
2012	601	315	916
2013	542	230	772
2014	472	244	716
2015	541	248	789
2016	479	228	707
2017	451	208	659
2018	603	210	813
2019	576	224	800
2020	609	250	859
2021	389	189	578
2022	345	156	501
2023	414	144	558

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

<sup>2</sup> 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		Commuting accidents per 1,000 weighted insurance relationships
	Per 1,000 full time equivalent employees	Per one million hours worked	
1994	1.093	0.697	0.282
1995	1.066	0.676	0.274
1996	1.028	0.668	0.298
1997 <sup>1</sup>	0.869	0.565	0.248
1998	0.794	0.510	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
2012	0.404	0.256	0.121
2013	0.386	0.249	0.113
2014	0.372	0.239	0.108
2015	0.367	0.234	0.102
2016	0.353	0.225	0.098
2017	0.330	0.212	0.093
2018 <sup>2</sup>	0.357	0.229	0.088
2019	0.322	0.207	0.089
2020	0.321	0.211	0.088
2021	0.296	0.192	0.082
2022	0.253	0.170	0.068
2023	0.237	0.158	0.066

<sup>1</sup> 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

<sup>2</sup> See note on p. 11 for interpretation

TABLE 11A

## School-related accidents – new pensions

per 1,000 pupils

Year	Accidents at school per 1,000 pupils	School commuting accidents per 1,000 pupils	All accidents per 1,000 pupils
1994	0.119	0.056	0.175
1995	0.118	0.049	0.167
1996	0.115	0.052	0.167
1997 <sup>1</sup>	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
2012	0.035	0.018	0.053
2013	0.032	0.013	0.045
2014	0.028	0.014	0.042
2015	0.032	0.014	0.046
2016	0.028	0.013	0.041
2017	0.026	0.012	0.038
2018	0.034	0.012	0.046
2019	0.033	0.013	0.045
2020	0.034	0.014	0.049
2021	0.022	0.011	0.033
2022	0.019	0.009	0.028
2023	0.023	0.008	0.031

<sup>1</sup> 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

## Accidents at work – new pensions by sector and BG

*absolute figures*

	2010	2015	2020	2022	2023
<b>Accident insurance in industrial sector</b>	<b>15,336</b>	<b>13,362</b>	<b>12,183</b>	<b>10,116</b>	<b>9,462</b>
101 BG for the raw materials and chemical industry	774	591	483	431	434
102 BG for the wood-working and metal-working industries	2,578	2,086	1,723	1,459	1,329
103 BG for the energy, textile, electrical and media products sectors	1,491	1,151	1,025	901	733
104 BG for the building trade	2,518	2,681	2,315	2,001	1,909
105 BG for the food-stuffs and catering industry	1,039	722	664	504	499
106 BG for the trade and logistics industry	1,899	1,575	1,446	1,211	1,168
107 BG for the Transport industry, postal logistics and telecommunications	1,680	1,391	1,230	1,096	913
108 BG for the administrative sector	2,380	2,273	2,390	1,665	1,744
109 BG for the health and welfare services	977	892	907	848	733
<b>Accident insurance in public sector (General AI)</b>	<b>1,228</b>	<b>1,098</b>	<b>1,044</b>	<b>811</b>	<b>821</b>
<b>Total</b>	<b>16,564</b>	<b>14,460</b>	<b>13,227</b>	<b>10,927</b>	<b>10,283</b>
<b>Pupil accident insurance</b> <i>Accidents at school – new pensions</i>	619	541	609	345	414

TABLE 12A

## Accidents at school – new pensions by region

*absolute figures*

	2010	2015	2020	2022	2023
Baden-Württemberg	47	65	43	22	23
Bavaria	141	57	56	28	23
Berlin	13	9	5	4	7
Brandenburg	37	13	16	13	12
Bremen	2	1	1	3	2
Hamburg/ Schleswig-Holstein <sup>1</sup>	25	13	10	6	13
Hesse	35	39	27	10	24
Mecklenburg- Vorpommern	10	2	8	2	1
Lower Saxony	70	48	45	29	17
North Rhine-Westphalia	140	212	323	194	248
Rhineland-Palatinate	17	26	19	9	9
Saarland	9	0	3	2	0
Saxony	40	33	33	12	25
Saxony-Anhalt	15	17	18	9	7
Thuringia	18	6	2	2	3
<b>Total</b>	<b>619</b>	<b>541</b>	<b>609</b>	<b>345</b>	<b>414</b>

<sup>1</sup> Public sector accident insurance institution spanning two Länder

TABLE 13

## Accidents at work – new pensions by sector and BG

*per 1,000 FTE/pupils*

	2010	2015	2020	2022	2023
<b>Accident insurance in industrial sector</b>	<b>0.479</b>	<b>0.388</b>	<b>0.368</b>	<b>0.296</b>	<b>0.276</b>
101 BG for the raw materials and chemical industry	0.656	0.487	0.370	0.318	0.322
102 BG for the wood-working and metal-working industries	0.671	0.510	0.431	0.352	0.324
103 BG for the energy, textile, electrical and media products sectors	0.515	0.375	0.336	0.286	0.232
104 BG for the building trade	1.423	1.454	1.110	0.916	0.885
105 BG for the food-stuffs and catering industry	0.572	0.373	0.389	0.251	0.236
106 BG for the trade and logistics industry	0.508	0.351	0.323	0.265	0.259
107 BG for the Transport industry, postal logistics and telecommunications	1.006	0.847	0.730	0.624	0.517
108 BG for the administrative sector	0.215	0.196	0.249	0.174	0.180
109 BG for the health and welfare services	0.239	0.197	0.173	0.156	0.134
<b>Accident insurance in public sector (General AI)</b>	<b>0.251</b>	<b>0.220</b>	<b>0.129</b>	<b>0.091</b>	<b>0.091</b>
<b>Total</b>	<b>0.448</b>	<b>0.367</b>	<b>0.321</b>	<b>0.253</b>	<b>0.237</b>
<b>Pupil accident insurance</b> <i>Accidents at school – new pensions per 1,000 pupils</i>	<i>0.036</i>	<i>0.032</i>	<i>0.034</i>	<i>0.019</i>	<i>0.023</i>



TABLE 14

## Commuting accidents – new pensions by sector and BG

*absolute figures*

	2010	2015	2020	2022	2023
<b>Accident insurance in industrial sector</b>	<b>5,334</b>	<b>4,187</b>	<b>3,832</b>	<b>3,084</b>	<b>3,221</b>
101 BG for the raw materials and chemical industry	245	188	179	127	161
102 BG for the wood-working and metal-working industries	787	629	537	465	381
103 BG for the energy, textile, electrical and media products sectors	588	430	399	287	284
104 BG for the building trade	385	291	247	219	253
105 BG for the food-stuffs and catering industry	409	328	237	202	211
106 BG for the trade and logistics industry	732	589	515	390	455
107 BG for the Transport industry, postal logistics and telecommunications	225	158	144	110	134
108 BG for the administrative sector	1,141	925	918	650	721
109 BG for the health and welfare services	822	649	656	634	621
<b>Accident insurance in public sector (General AI)</b>	<b>742</b>	<b>622</b>	<b>581</b>	<b>503</b>	<b>461</b>
<b>Total</b>	<b>6,076</b>	<b>4,809</b>	<b>4,413</b>	<b>3,587</b>	<b>3,682</b>
<b>Pupil accident insurance</b> <i>School commuting accidents – new pensions</i>	317	248	250	156	144

TABLE 14A

## School commuting accidents – new pensions by region

*absolute figures*

	2010	2015	2020	2022	2023
Baden-Württemberg	43	38	33	24	26
Bavaria	55	36	47	24	25
Berlin	6	2	4	3	1
Brandenburg	14	6	7	8	5
Bremen	3	1	2	-	1
Hamburg/ Schleswig-Holstein <sup>1</sup>	9	10	10	3	3
Hesse	19	18	13	5	9
Mecklenburg- Vorpommern	3	1	5	3	2
Lower Saxony	49	45	21	17	19
North Rhine-Westphalia	56	61	60	49	42
Rhineland-Palatinate	13	4	7	5	2
Saarland	4	1	3	-	-
Saxony	25	12	22	9	3
Saxony-Anhalt	9	10	10	3	2
Thuringia	9	3	6	3	4
<b>Total</b>	<b>317</b>	<b>248</b>	<b>250</b>	<b>156</b>	<b>144</b>

<sup>1</sup> Public sector accident insurance institution spanning two Länder

TABLE 15

## Commuting accidents – new pensions by sector and BG

*per 1,000 weighted insurance relationships/pupils*

	2010	2015	2020	2022	2023
<b>Accident insurance in industrial sector</b>	<b>0.143</b>	<b>0.102</b>	<b>0.090</b>	<b>0.069</b>	<b>0.067</b>
101 BG for the raw materials and chemical industry	0.200	0.133	0.112	0.078	0.099
102 BG for the wood-working and metal-working industries	0.184	0.133	0.105	0.087	0.075
103 BG for the energy, textile, electrical and media products sectors	0.161	0.111	0.095	0.069	0.067
104 BG for the building trade	0.145	0.106	0.082	0.069	0.079
105 BG for the food-stuffs and catering industry	0.123	0.091	0.078	0.056	0.055
106 BG for the trade and logistics industry	0.175	0.110	0.097	0.074	0.060
107 BG for the Transport industry, postal logistics and telecommunications	0.132	0.094	0.084	0.061	0.054
108 BG for the administrative sector	0.113	0.088	0.084	0.056	0.063
109 BG for the health and welfare services	0.132	0.092	0.084	0.077	0.075
<b>Accident insurance in public sector (General AI)</b>	<b>0.138</b>	<b>0.098</b>	<b>0.079</b>	<b>0.064</b>	<b>0.058</b>
<b>Total</b>	<b>0.142</b>	<b>0.102</b>	<b>0.088</b>	<b>0.068</b>	<b>0.066</b>
<b>Pupil accident insurance</b> <i>School commuting accidents – new pensions per 1,000 pupils</i>	<i>0.019</i>	<i>0.014</i>	<i>0.014</i>	<i>0.009</i>	<i>0.008</i>

TABLE 16

## Fatal work-related accidents

*absolute figures*

Year	Accidents at work	Commuting accidents	Total
1994 <sup>1</sup>	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
2012	500	386	886
2013	455	317	772
2014	483	322	805
2015	470	348	818
2016	424	311	735
2017	451	280	731
2018	420	310	730
2019	497	309	806
2020	399	238	637
2021	510	227	737
2022	423	248	671
2023	381	218	599

<sup>1</sup> 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-related accidents

*absolute figures*

Year	Accidents at school	School commuting accidents	Total
1994 <sup>1</sup>	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
2012	8	48	56
2013	6	37	43
2014	6	36	42
2015	21	40	61
2016	10	31	41
2017	11	38	49
2018	10	25	35
2019	5	39	44
2020	3	24	27
2021	7	16	23
2022	8	17	25
2023	11	16	27

<sup>1</sup> 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		Commuting accidents per 1,000 weighted insurance relationships
	Per 1,000 full time equivalent employees	Per one million hours worked	
1994 <sup>1</sup>	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
2012	0.013	0.008	0.009
2013	0.012	0.008	0.007
2014	0.012	0.008	0.007
2015	0.012	0.008	0.007
2016	0.011	0.007	0.006
2017	0.011	0.007	0.006
2018	0.011	0.007	0.006
2019	0.012	0.008	0.006
2020	0.010	0.006	0.005
2021	0.013	0.008	0.004
2022	0.010	0.007	0.005
2023	0.009	0.006	0.004

<sup>1</sup> 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 by sector and BG

*absolute figures*

	2010	2015	2020	2022	2023
<b>Accident insurance in industrial sector</b>	<b>493</b>	<b>428</b>	<b>368</b>	<b>385</b>	<b>351</b>
101 BG for the raw materials and chemical industry	23	24	13	15	16
102 BG for the wood-working and metal-working industries	51	52	27	46	32
103 BG for the energy, textile, electrical and media products sectors	34	25	29	21	24
104 BG for the building trade	103	86	97	74	76
105 BG for the food-stuffs and catering industry	23	14	19	21	15
106 BG for the trade and logistics industry	59	33	35	39	33
107 BG for the Transport industry, postal logistics and telecommunications	117	103	51	68	77
108 BG for the administrative sector	70	75	95	89	67
109 BG for the health and welfare services	13	16	2	12	11
<b>Accident insurance in public sector (General AI)</b>	<b>26</b>	<b>42</b>	<b>31</b>	<b>38</b>	<b>30</b>
<b>Total</b>	<b>519</b>	<b>470</b>	<b>399</b>	<b>423</b>	<b>381</b>
<b>Pupil accident insurance</b> <i>Fatal accidents at school</i>	6	21	3	8	11

TABLE 19

## Fatal commuting accidents by sector and BG

*absolute figures*

	2010	2015	2020	2022	2023
<b>Accident insurance in industrial sector</b>	<b>340</b>	<b>310</b>	<b>212</b>	<b>212</b>	<b>194</b>
101 BG for the raw materials and chemical industry	16	13	9	21	12
102 BG for the wood-working and metal-working industries	51	67	42	41	46
103 BG for the energy, textile, electrical and media products sectors	38	26	19	22	20
104 BG for the building trade	41	32	19	22	18
105 BG for the food-stuffs and catering industry	31	22	11	22	16
106 BG for the trade and logistics industry	46	43	27	20	24
107 BG for the Transport industry, postal logistics and telecommunications	16	16	10	12	11
108 BG for the administrative sector	61	55	34	30	21
109 BG for the health and welfare services	40	36	41	22	26
<b>Accident insurance in public sector (General AI)</b>	<b>27</b>	<b>38</b>	<b>26</b>	<b>36</b>	<b>24</b>
<b>Total</b>	<b>367</b>	<b>348</b>	<b>238</b>	<b>248</b>	<b>218</b>
<b>Pupil accident insurance</b> <i>Fatal school commuting accidents</i>	50	40	24	17	16



TABLE 19A

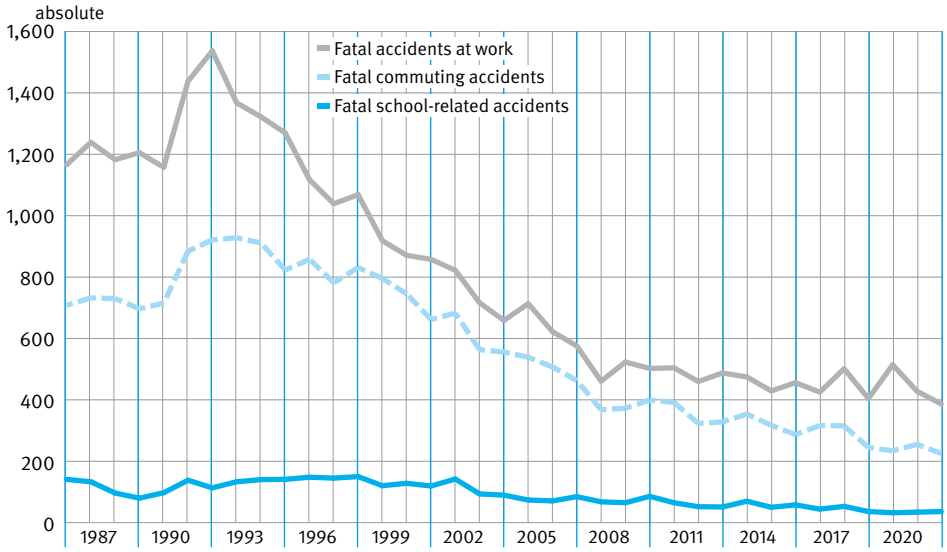
**Fatal school-related accidents by region***absolute figures*

	2010	2015	2020	2022	2023
Baden–Württemberg	11	6	1	3	3
Bavaria	13	7	5	6	3
Berlin	–	–	–	1	–
Brandenburg	1	4	–	2	1
Bremen	–	–	–	–	–
Hamburg/ Schleswig–Holstein <sup>1</sup>	4	–	1	–	2
Hesse	4	3	–	1	1
Mecklenburg– Vorpommern	–	–	2	–	–
Lower Saxony	5	8	8	4	3
North Rhine–Westphalia	8	24	3	6	8
Rhineland–Palatinate	1	4	2	1	–
Saarland	1	–	–	–	–
Saxony	4	3	–	1	4
Saxony–Anhalt	3	–	3	–	1
Thuringia	1	2	2	–	1
<b>Total</b>	<b>56</b>	<b>61</b>	<b>27</b>	<b>25</b>	<b>27</b>

<sup>1</sup> Public sector accident insurance institution spanning two Länder

FIGURE 10

## Fatal accidents



\* see note on p.9 for interpretation



TABLE 20A

## Occupational Diseases as contained in the annex to the German ordinance on occupational diseases<sup>1</sup>

No.	Occupational diseases
<b>1 Diseases caused by chemical agents</b>	
<b>11 Metals and metalloids</b>	
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
<b>12 Asphyxiating gases</b>	
1201	Diseases caused by carbon monoxide
1202	Diseases caused by hydrogen sulphide
<b>13 Solvents, pesticides and other chemical agents</b>	
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
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

No.	Occupational diseases
1319	Laryngeal cancer caused by intensive and multiyear exposure to mists and vapours from sulphuric acid
1320	Chronic lymphocytic leukaemia and chronic myeloid leukaemia caused by 1,3-butadiene if there is evidence of exposure to a cumulative dose of at least 180 butadiene-years (ppm x years)
1321	Mucosal changes, cancer or other neoplasms of the urinary tract caused by polycyclic aromatic hydrocarbons if there is evidence of exposure to a cumulative dose of at least 80 benzo(a)pyrene-years [(µgm <sup>3</sup> ) x years]

## 2 Diseases caused by physical impact

### 21 Mechanical impact

2101	Severe or recurrent diseases of the tendon sheaths or diseases of the peritendinous tissue or of the insertions of tendons or muscles
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
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
2109	Disc-related diseases of the cervical spine caused by the carrying of heavy loads on the shoulder over many years
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
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
2113	Pressure damage of the median nerve in the carpal tunnel (carpal tunnel syndrome) by repetitive manual tasks with bending and stretching of the wrist, by elevated effort of hands, or by hand-arm-vibration
2114	Vascular damage of the hand by percussion-like force effect (Hypothenar Hammer Syndrome and Thenar Hammer Syndrome)
2115	Focal dystonia, disease of the central nervous system in instrumental musicians caused by high-intensity fine motor work
2116	Coxarthrosis due to load handling with a cumulative dose of at least 9,500 tons (of loads) handled during working life with a load weight of at least 20 kg handled at least ten times per day

### 22 Compressed air

2201	Diseases caused by work in compressed air
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No.	Occupational diseases
<b>23 Noise</b>	
2301	Hearing impairment caused by noise
<b>24 Radiation</b>	
2401	Cataract caused by heat radiation
2402	Diseases caused by ionizing radiation
<b>3 Diseases caused by infectious agents or parasites including tropical diseases</b>	
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
3102	Diseases transmitted to humans by animals
3103	Miner's vermination caused by <i>Ancylostoma duodenale</i> (ancylostomiasis) or <i>Strongyloides stercoralis</i> (strongyloidiasis)
3104	Tropical diseases, typhus
<b>4 Diseases of the respiratory tract, lungs, pleura, peritoneum and ovary</b>	
<b>41 Diseases caused by inorganic dust</b>	
4101	Silicosis
4102	Silicosis combined with active pulmonary tuberculosis (silicotuberculosis)
4103	Asbestosis or diseases of the pleura caused by asbestos dust
4104	Lung cancer, larynx cancer or ovarian cancer <ul style="list-style-type: none"> <li>• combined with asbestosis</li> <li>• combined with diseases of the pleura caused by asbestos dust or</li> <li>• if there is evidence of cumulative exposure to asbestos dust in the workplace of at least 25 fibre years <math>\{25 \cdot 10^6 [(fibre/m^3) \cdot \text{years}]\}</math></li> </ul>
4105	Mesothelioma of the pleura, the peritoneum or the pericardium 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 underground hard coal miners if there is evidence of exposure to a cumulative dose of generally 100 fine dust years $[(mg/m^3) \cdot \text{years}]$
4112	Lung cancer caused by silica dust where there is accompanying silicosis or silicotuberculosis
4113	Lung cancer or larynx cancer caused by polycyclic aromatic hydrocarbons if there is evidence of exposure to a cumulative dose of at least 100 benzo[a]pyrene years $[(\mu g/m^3) \cdot \text{years}]$

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
4115	Lung fibrosis caused by extreme and longlasting exposure to welding fumes and gases (Siderofibrosis)
4116	Lung cancer after long-term and intensive passive smoke exposure at the workplace in insured persons who have never smoked actively themselves or have smoked a maximum of up to 400 cigarette equivalents
<b>42 Diseases caused by organic dust</b>	
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
<b>43 Obstructive diseases of the respiratory tract</b>	
4301	Obstructive diseases of the respiratory tract (including rhinopathy) caused by allergic agents
4302	Obstructive diseases of the respiratory tract caused by chemical irritants or agents with a toxic effect
<b>5 Skin diseases</b>	
5101	Severe or recurrent skin diseases
5102	Skin cancer or skin alterations showing a cancerous tendency caused by soot, paraffin sludge, tar, anthracene, pitch or similar substances
5103	Squamous cell carcinoma or multiple actinic keratosis of the skin caused by natural ultraviolet irradiation
<b>6 Diseases caused by other factors</b>	
6101	Miner's nystagmus

<sup>1</sup> in the version of 29.06.2021

TABLE 20B

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

No.	Occupational disease
<b>I. Diseases caused by chemical agents</b>	
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
<b>II. Diseases caused by dust</b>	
40	Quarz
41	Asbestos
42	Aluminium
43	Hard metal
44	Thomas slag meal



No.	Occupational disease
<b>III. Diseases caused by physical agents</b>	
50	Noise
51	Ionising radiation
52	Non-ionising radiation
53	Compressed air
54	Partial body vibration
<b>IV. Diseases caused by infective agents and parasites</b>	
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
<b>V. Diseases caused by continued mechanical strain on the locomotor system</b>	
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 caused by pressure
75	Fatigue fractures of bones
<b>VI. Diseases caused by various agents</b>	
80	Skin diseases caused by chemical and physical agents
81	Irritative 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
<b>VII. Work-related malignant neoplasms</b>	
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

## Occupational diseases: Decisions

	2013	2014	2015	2016	2017
Recognized cases of occupational disease <sup>1,2</sup>	15,656	16,112	16,802	20,539	19,794
New pensions	4,815	5,155	5,049	5,365	4,956
Occupational causation not confirmed	36,725	38,425	38,941	39,973	39,250
Cases with absence of additionally required insurance characteristics <sup>2</sup>	20,546	20,642	20,347	19,517	18,286
Cases in which a measure pursuant to § 3 BKV is granted for the first time	–	–	–	–	–

<sup>1</sup> The increase in 2016 is partly due to new occupational diseases, which were added on January 1, 2015,

<sup>2</sup> Since 2019: Cases recognized for the first time

							Change from 2022 to 2023		
	2018	2019	2020	2021	2022	2023	absolut	%	
	19,748	18,156	37,181	123,626	199,542	72,630	- 126,912	- 63.6	
	4,813	4,667	5,056	5,331	4,893	4,800	- 93	- 1.9	
	40,379	42,970	48,250	76,873	126,748	77,086	- 49,662	- 39.2	
	18,257	17,108	15,775	-	-	-	-	-	
	-	-	-	29,816	22,516	17,774	- 4,742	- 21.1	

TABLE 22

## Occupational diseases (OD) in 2023 by subgroups of diseases; summary

Group	Sub-Group	Disease	Notifications of a suspected case of OD	Recognized cases of OD
<b>1</b>		<b>Conditions due to chemical agents</b>	<b>5,145</b>	<b>451</b>
	11	Metals and metalloids	373	34
	12	Asphyxiating gases	16	4
	13	Solvents, pesticides and other chemical substances	4,756	413
<b>2</b>		<b>Conditions due to physical agents</b>	<b>33,919</b>	<b>9,271</b>
	21	Mechanical agents	16,154	1,655
	22	Compressed air	2	–
	23	Noise	17,432	7,609
	24	Radiation	331	7
<b>3</b>		<b>Diseases caused by infective agents or parasites including tropical diseases</b>	<b>66,734</b>	<b>54,436</b>
<b>4</b>		<b>Conditions of the respiratory passages and the lungs, the pleura, the peritoneum and the ovary</b>	<b>13,787</b>	<b>2,810</b>
	41	Conditions caused by inorganic dust	11,317	2,426
	42	Conditions caused by organic dust	194	45
	43	Conditions related to obstruction of the respiratory tract	2,276	339
<b>5</b>		<b>Skin diseases</b>	<b>22,775</b>	<b>5,542</b>
<b>6</b>		<b>Miner's nystagmus</b>	<b>3</b>	<b>–</b>
		<b>GDR–OD<sup>1</sup></b>	<b>–</b>	<b>1</b>
		<b>Other diseases</b>	<b>2,996</b>	<b>119</b>
<b>Total</b>			<b>145,359</b>	<b>72,630</b>

<sup>1</sup> Cases in acc, with GDR OD ordinance

	New pensions	Occupational causation not confirmed	Fatalities due to OD	Cases in which a measure pursuant to § 3 BKV is granted for the first time
	<b>407</b>	<b>4,718</b>	<b>221</b>	<b>85</b>
	29	336	18	10
	–	12	–	2
	378	4,370	203	73
	<b>1,034</b>	<b>19,686</b>	<b>13</b>	<b>4,681</b>
	753	10,976	–	3,102
	–	2	–	–
	275	8,409	–	1,578
	6	299	13	1
	<b>227</b>	<b>32,630</b>	<b>25</b>	<b>17</b>
	<b>2,055</b>	<b>10,705</b>	<b>1,834</b>	<b>461</b>
	1,739	8,695	1,740	105
	44	133	25	21
	272	1,877	69	335
	<b>1,015</b>	<b>7,409</b>	<b>24</b>	<b>12,423</b>
	–	1	–	–
	<b>1</b>	<b>30</b>	<b>10</b>	<b>1</b>
	<b>61</b>	<b>1,907</b>	<b>13</b>	<b>106</b>
	<b>4,800</b>	<b>77,086</b>	<b>2,140</b>	<b>17,774</b>

TABLE 23

## Occupational diseases (OD) in 2023 as contained in the appendix of the former GDR ordinance

Group of occupational diseases	Recognized cases of OD	New pensions	
Diseases caused by chemical agents	–	–	
Diseases caused by dust	–	–	
Diseases caused by physical agents	–	–	
Diseases caused by infective agents and parasites	1	1	
Diseases caused by continued mechanical strain on the locomotor system	–	–	
Diseases caused by various agents	–	–	
Work-related malignant neoplasms	–	–	
OD No. unknown	–	–	
Extraordinary ruling <sup>1</sup>	–	–	
<b>Total</b>	<b>1</b>	<b>1</b>	

<sup>1</sup> "Sonderentscheid" in acc. with § 2 Sec. 2 GDR OD ordinance

	Occupational causation not confirmed	Cases in which a measure pursuant to § 3 BKV is granted for the first time	Fatalities due to OD
	–	–	–
	–	–	5
	29	1	1
	–	–	1
	–	–	–
	–	–	2
	1	–	–
	–	–	–
	–	–	1
	30	1	10

TABLE 24

## Notifications of suspected cases of occupational disease

OD No.	2010	2015	2020	2022	2023
1101	61	49	45	51	55
1102	23	29	19	27	21
1103	110	151	208	158	191
1104	21	23	21	28	24
1105	5	13	9	8	13
1106	1	2	–	2	3
1107	–	2	2	3	–
1108	23	17	24	27	29
1109	7	7	6	5	4
1110	18	32	40	31	33
1201	130	38	20	4	9
1202	11	3	9	3	7
1301	1,138	1,334	2,374	1,947	1,892
1302	365	276	249	368	312
1303	87	54	51	41	36
1304	17	8	10	19	9
1305	4	5	3	6	1
1306	4	8	5	10	4
1307	6	8	6	4	4
1308	8	6	7	7	4
1309	1	1	4	5	1
1310	22	14	25	15	12
1311	–	1	2	6	6
1312	128	62	51	45	42
1313	1	1	–	–	1
1314	2	2	2	1	–
1315	119	103	92	73	96
1316	22	11	7	9	15
1317	234	164	120	95	87
1318 <sup>1</sup>	725	1,261	2,010	1,792	1,653
1319 <sup>2</sup>	–	46	37	36	24
1320 <sup>3</sup>	–	–	36	42	28
1321 <sup>3</sup>	–	–	567	572	529
2101	741	722	555	640	605
2102	1,411	1,053	978	1,039	1,110
2103	433	432	403	434	422
2104	67	82	74	93	103
2105	381	373	282	297	241
2106	82	98	49	91	100
2107	3	1	2	4	3
2108	5,114	5,144	4,775	7,798	7,844
2109	1,019	722	576	755	728
2110	217	167	168	311	230



OD No.	2010	2015	2020	2022	2023
2111	7	9	3	3	9
2112 <sup>1</sup>	1,804	1,400	1,678	2,074	2,371
2113 <sup>2</sup>	–	1,391	721	1,003	1,135
2114 <sup>2</sup>	–	59	34	46	49
2115 <sup>3</sup>	–	–	12	8	8
2116 <sup>4</sup>	–	–	–	1,188	1,196
2201	6	2	–	1	2
2301	10,979	11,874	13,096	15,449	17,432
2401	14	17	17	13	15
2402	389	338	379	377	316
3101	1,493	1,640	33,614	294,860	66,105
3102	559	575	320	254	319
3103	2	–	2	2	5
3104	344	327	195	196	305
4101	1,571	1,449	964	930	951
4102	17	19	22	14	11
4103	3,732	3,674	3,478	2,910	2,906
4104 <sup>3</sup>	3,709	4,375	5,032	4,362	4,391
4105	1,479	1,397	1,221	1,188	958
4106	23	39	35	43	46
4107	62	62	116	130	97
4108	1	3	3	–	3
4109	40	48	86	94	103
4110	37	25	22	25	21
4111	1,076	545	231	207	251
4112	205	326	688	713	722
4113 <sup>1,3</sup>	140	218	514	494	484
4114 <sup>1</sup>	89	137	242	228	231
4115 <sup>1</sup>	169	128	136	127	117
4116 <sup>4</sup>	–	–	–	33	25
4201	102	140	133	127	101
4202	14	7	4	2	8
4203	66	87	92	106	85
4301	2,045	1,739	1,176	992	1,043
4302	1,564	1,506	1,484	1,153	1,233
5101	23,596	23,786	18,345	14,873	14,783
5102	202	256	328	439	405
5103 <sup>2</sup>	–	5,531	7,112	6,736	7,587
6101	2	–	5	2	3
Other	1,978	1,337	1,028	1,837	2,996
<b>Total</b>	<b>70,277</b>	<b>76,991</b>	<b>106,491</b>	<b>370,141</b>	<b>145,359</b>

<sup>1</sup> Added to the German list of occupational diseases on July 1, 2009

<sup>2</sup> Added to the German list of occupational diseases on January 1, 2015

<sup>3</sup> Added to the German list of occupational diseases on August 1, 2017

<sup>4</sup> Added to the German list of occupational diseases on August 1, 2021

TABLE 25

## Recognized cases of occupational disease <sup>1</sup>

OD No.	2010	2015	2020	2022	2023
1101	5	1	3	1	2
1102	–	1	–	–	–
1103	13	22	21	28	23
1104	1	2	1	1	1
1105	–	–	1	1	2
1106	–	–	–	–	–
1107	–	–	–	–	–
1108	3	1	2	–	1
1109	2	–	–	3	–
1110	3	4	6	2	5
1201	46	12	6	1	4
1202	–	2	1	1	–
1301	152	186	155	87	80
1302	11	14	16	12	12
1303	27	4	–	–	1
1304	1	–	–	–	1
1305	–	–	2	–	–
1306	–	–	–	–	–
1307	–	–	–	–	–
1308	–	–	–	–	–
1309	–	–	–	–	–
1310	2	–	–	–	–
1311	–	–	–	–	–
1312	1	2	4	1	2
1313	–	–	–	–	–
1314	–	–	–	–	–
1315	30	38	27	30	19
1316	1	–	1	–	–
1317	8	6	5	4	6
1318 <sup>2</sup>	159	303	381	258	268
1319 <sup>3</sup>	–	1	2	1	2
1320 <sup>4</sup>	–	–	–	–	–
1321 <sup>4</sup>	–	–	24	22	22
2101	21	32	20	35	33
2102	176	228	176	155	134
2103	77	100	67	81	54
2104	15	22	19	29	26
2105	72	56	36	39	31
2106	9	16	14	14	10
2107	–	–	–	–	–
2108	392	413	337	590	588
2109	6	4	4	4	5
2110	6	5	6	7	7
2111	1	1	1	1	1
2112 <sup>2</sup>	28	200	171	237	246

OD No.	2010	2015	2020	2022	2023
2113 <sup>3</sup>	–	102	273	372	393
2114 <sup>3</sup>	–	16	12	14	16
2115 <sup>4</sup>	–	–	14	11	5
2116 <sup>5</sup>	–	–	–	52	106
2201	1	–	1	1	–
2301	5,606	6,216	7,414	6,637	7,609
2401	–	1	1	–	1
2402	104	41	14	9	6
3101	579	696	18,969	181,550	54,199
3102	161	120	124	116	103
3103	1	–	–	–	–
3104	176	153	160	90	134
4101	1,618	698	405	295	297
4102	7	5	5	6	2
4103	1,749	1,995	1,649	1,110	954
4104 <sup>4</sup>	719	771	629	399	378
4105	931	951	824	610	651
4106	2	1	–	1	1
4107	3	–	3	2	1
4108	–	–	–	–	–
4109	5	5	6	6	7
4110	21	11	4	2	2
4111	1,095	215	85	36	31
4112	61	35	65	57	49
4113 <sup>2,4</sup>	9	12	20	14	11
4114 <sup>2</sup>	15	33	40	12	32
4115 <sup>2</sup>	10	9	7	17	10
4116 <sup>5</sup>	–	–	–	–	–
4201	12	26	19	14	13
4202	–	1	–	–	–
4203	48	53	52	37	32
4301	312	380	220	448	195
4302	141	209	193	190	144
5101	559	578	381	2,602	1,958
5102	25	88	57	57	67
5103 <sup>3</sup>	–	1,485	4,023	3,073	3,517
6101	5	–	–	–	–
§ 9 II SGB VII	201	211	3	56	119
GDR OD <sup>6</sup>	17	9	–	1	1
<b>Total</b>	<b>15,461</b>	<b>16,802</b>	<b>37,181</b>	<b>199,542</b>	<b>72,630</b>

<sup>1</sup> Since 2019: Cases recognized for the first time

<sup>2</sup> Added to the German list of occupational diseases on July 1, 2009

<sup>3</sup> Added to the German list of occupational diseases on January 1, 2015

<sup>4</sup> Added to the German list of occupational diseases on August 1, 2017

<sup>5</sup> Added to the German list of occupational diseases on August 1, 2021

<sup>6</sup> Cases in acc. with GDR OD ordinance

TABLE 26

## New occupational disease pensions

OD No.	2010	2015	2020	2022	2023
1101	4	–	–	–	1
1102	–	–	–	–	–
1103	12	16	18	31	22
1104	1	1	–	2	1
1105	–	–	1	1	3
1106	–	–	–	–	–
1107	–	–	–	–	–
1108	3	1	1	–	1
1109	–	–	–	–	–
1110	1	3	8	2	1
1201	–	1	–	–	–
1202	–	1	–	1	–
1301	143	177	158	83	74
1302	9	8	16	12	6
1303	23	3	–	–	–
1304	–	–	–	–	–
1305	–	–	1	–	–
1306	–	–	–	–	–
1307	–	–	–	–	–
1308	–	–	–	–	–
1309	–	–	–	–	–
1310	2	–	–	–	–
1311	–	–	–	–	–
1312	–	–	–	–	1
1313	–	–	–	–	–
1314	–	–	–	–	–
1315	13	21	15	20	9
1316	1	–	–	–	–
1317	6	5	3	5	3
1318 <sup>2</sup>	151	266	355	249	256
1319 <sup>3</sup>	–	1	2	–	3
1320 <sup>4</sup>	–	–	–	–	–
1321 <sup>4</sup>	–	–	22	15	26
2101	5	4	–	1	3
2102	57	77	71	59	71
2103	49	58	50	51	34
2104	9	17	15	16	12
2105	1	1	1	1	1
2106	2	2	4	2	6
2107	–	–	–	–	–
2108	237	254	225	331	338
2109	6	2	3	3	1
2110	4	4	3	4	5
2111	–	–	–	–	–

OD No.	2010	2015	2020	2022	2023
2112 <sup>2</sup>	13	126	136	149	175
2113 <sup>3</sup>	–	8	24	25	27
2114 <sup>3</sup>	–	6	5	11	7
2115 <sup>4</sup>	–	–	9	7	3
2116 <sup>5</sup>	–	–	–	22	70
2201	–	–	–	–	–
2301	389	306	191	254	275
2401	–	–	–	–	–
2402	96	36	12	6	6
3101	64	54	33	88	218
3102	5	6	10	2	6
3103	–	–	–	–	–
3104	2	2	3	1	3
4101	1,203	417	267	187	178
4102	6	5	5	7	1
4103	421	541	437	411	315
4104 <sup>4</sup>	676	713	680	452	437
4105	876	875	825	647	658
4106	–	1	–	1	1
4107	3	–	1	2	1
4108	–	–	–	–	–
4109	5	4	7	4	8
4110	20	11	3	2	2
4111	906	174	74	26	24
4112	58	28	65	68	66
4113 <sup>2,4</sup>	7	12	14	16	9
4114 <sup>2</sup>	14	28	38	14	29
4115 <sup>2</sup>	6	6	2	15	10
4116 <sup>5</sup>	–	–	–	–	–
4201	6	18	15	12	9
4202	–	1	–	–	–
4203	44	40	53	37	35
4301	95	116	90	353	142
4302	106	140	138	153	130
5101	168	169	88	224	163
5102	17	42	25	24	26
5103 <sup>3</sup>	–	173	820	736	826
6101	4	–	–	–	–
§ 9 II SGB VII	157	59	14	47	61
GDR OD <sup>1</sup>	17	9	–	1	1
<b>Total</b>	<b>6,123</b>	<b>5,049</b>	<b>5,056</b>	<b>4,893</b>	<b>4,800</b>

<sup>1</sup> Cases in acc. with GDR OD ordinance

<sup>2</sup> Added to the German list of occupational diseases on July 1, 2009

<sup>3</sup> Added to the German list of occupational diseases on January 1, 2015

<sup>4</sup> Added to the German list of occupational diseases on August 1, 2017

<sup>5</sup> Added to the German list of occupational diseases on August 1, 2021

TABLE 27

## Fatalities due to occupational disease

OD No.	2010	2015	2020	2022	2023
1101	1	1	–	2	–
1102	–	–	2	–	–
1103	11	16	12	20	18
1104	–	–	–	1	–
1105	–	–	–	–	–
1106	–	–	–	–	–
1107	–	–	–	–	–
1108	–	1	–	1	–
1109	1	–	–	–	–
1110	–	4	2	–	–
1201	1	1	–	–	–
1202	1	–	–	–	–
1301	37	30	31	42	35
1302	4	10	3	4	5
1303	22	9	5	4	3
1304	–	–	–	–	–
1305	–	–	–	–	1
1306	–	1	–	–	–
1307	–	–	–	–	–
1308	–	–	1	–	–
1309	–	–	–	–	–
1310	4	1	–	–	1
1311	2	–	–	–	–
1312	–	–	–	–	–
1313	–	–	–	–	–
1314	1	–	–	–	–
1315	2	4	1	2	1
1316	–	–	–	–	–
1317	–	–	1	1	–
1318 <sup>2</sup>	47	129	120	143	153
1319 <sup>3</sup>	–	–	1	–	1
1320 <sup>4</sup>	–	–	–	–	–
1321 <sup>4</sup>	–	–	5	3	3
2101	–	–	–	–	–
2102	1	–	1	–	–
2103	–	–	–	–	–
2104	–	–	–	–	–
2105	–	–	–	–	–
2106	–	–	–	–	–
2107	–	–	–	–	–
2108	–	1	–	–	–
2109	–	–	–	–	–
2110	–	–	–	–	–
2111	–	–	–	–	–
2112 <sup>2</sup>	–	–	–	1	–

OD No.	2010	2015	2020	2022	2023
2113 <sup>3</sup>	–	–	–	–	–
2114 <sup>3</sup>	–	–	–	–	–
2115 <sup>4</sup>	–	–	–	–	–
2116 <sup>5</sup>	–	–	–	–	–
2201	–	–	1	–	–
2301	1	–	–	–	–
2401	–	–	–	–	–
2402	97	67	16	6	13
3101	71	17	29	52	23
3102	4	1	–	1	–
3103	–	–	–	–	–
3104	6	–	–	3	2
4101	457	440	261	206	221
4102	6	10	3	9	1
4103	158	190	189	212	187
4104 <sup>4</sup>	691	693	566	460	477
4105	1,010	897	765	656	651
4106	1	–	2	–	–
4107	–	–	1	–	1
4108	–	–	–	–	–
4109	4	4	2	5	3
4110	22	9	11	5	4
4111	320	179	115	96	84
4112	62	59	68	61	64
4113 <sup>2,4</sup>	6	11	11	9	15
4114 <sup>2</sup>	4	12	22	16	24
4115 <sup>2</sup>	1	1	–	5	8
4116 <sup>5</sup>	–	–	–	–	–
4201	8	2	4	4	8
4202	–	–	1	1	–
4203	23	18	21	14	17
4301	20	14	18	5	18
4302	33	31	37	45	51
5101	3	–	–	–	–
5102	–	1	1	1	1
5103 <sup>3</sup>	–	2	23	25	23
6101	–	–	–	–	–
§9 II SGB VII	100	47	15	16	13
GDR OD <sup>1</sup>	72	50	13	11	10
<b>Total</b>	<b>3,315</b>	<b>2,963</b>	<b>2,380</b>	<b>2,148</b>	<b>2,140</b>

<sup>1</sup> Cases in acc, with GDR OD ordinance

<sup>2</sup> Added to the German list of occupational diseases on July 1, 2009

<sup>3</sup> Added to the German list of occupational diseases on January 1, 2015

<sup>4</sup> Added to the German list of occupational diseases on August 1, 2017

<sup>5</sup> Added to the German list of occupational diseases on August 1, 2021

TABLE 28

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

	2010	2015	2020	2022	2023
<b>Accident insurance in industrial sector</b>	<b>64,721</b>	<b>69,874</b>	<b>88,472</b>	<b>299,238</b>	<b>126,852</b>
101 BG for the raw materials and chemical industry	8,579	7,302	6,997	6,439	6,608
102 BG for the wood-working and metal-working industries	14,707	15,732	15,125	16,772	16,608
103 BG for the energy, textile, electrical and media products sectors	5,418	5,856	5,864	5,914	6,265
104 BG for the building trade	10,501	13,613	15,821	18,228	19,658
105 BG for the food-stuffs and catering industry	5,203	4,209	3,075	2,868	2,822
106 BG for the trade and logistics industry	3,774	4,247	3,648	3,923	4,097
107 BG for the Transport industry, postal logistics and telecommunications	1,814	1,965	2,185	2,435	2,507
108 BG for the administrative sector	4,005	4,254	3,913	4,831	3,536
109 BG for the health and welfare services	10,720	12,696	31,844	237,828	64,751
<b>Accident insurance in public sector (General AI)</b>	<b>5,447</b>	<b>7,030</b>	<b>17,917</b>	<b>70,691</b>	<b>18,399</b>
<b>Total</b>	<b>70,168</b>	<b>76,904</b>	<b>106,389</b>	<b>369,929</b>	<b>145,251</b>
<b>Pupil accident insurance</b>	<b>109</b>	<b>87</b>	<b>102</b>	<b>212</b>	<b>108</b>



TABLE 29

## Recognized cases of occupational disease by sector and BG <sup>1</sup>

	2010	2015	2020	2022	2023
<b>Accident insurance in industrial sector</b>	<b>14,615</b>	<b>15,658</b>	<b>29,270</b>	<b>163,271</b>	<b>60,657</b>
101 BG for the raw materials and chemical industry	4,362	2,166	1,891	1,410	1,342
102 BG for the wood-working and metal-working industries	4,545	4,989	5,195	5,022	5,136
103 BG for the energy, textile, electrical and media products sectors	1,103	1,353	1,711	1,377	1,649
104 BG for the building trade	2,013	4,053	5,015	4,915	5,437
105 BG for the food-stuffs and catering industry	398	565	432	839	520
106 BG for the trade and logistics industry	361	692	585	890	529
107 BG for the Transport industry, postal logistics and telecommunications	187	265	575	421	494
108 BG for the administrative sector	701	706	856	1,384	1,051
109 BG for the health and welfare services	945	869	13,010	147,013	44,499
<b>Accident insurance in public sector (General AI)</b>	<b>839</b>	<b>1,135</b>	<b>7,893</b>	<b>36,206</b>	<b>11,931</b>
<b>Total</b>	<b>15,454</b>	<b>16,793</b>	<b>37,163</b>	<b>199,477</b>	<b>72,588</b>
<b>Pupil accident insurance</b>	<b>7</b>	<b>9</b>	<b>18</b>	<b>65</b>	<b>42</b>

<sup>1</sup> Since 2019: Cases recognized for the first time

TABLE 30

## New occupational disease pensions by sector and BG

	2010	2015	2020	2022	2023
<b>Accident insurance in industrial sector</b>	<b>5,946</b>	<b>4,813</b>	<b>4,740</b>	<b>4,599</b>	<b>4,461</b>
101 BG for the raw materials and chemical industry	2,907	1,078	701	501	494
102 BG for the wood-working and metal-working industries	1,284	1,338	1,351	1,229	1,101
103 BG for the energy, textile, electrical and media products sectors	433	501	487	369	455
104 BG for the building trade	584	1,044	1,386	1,394	1,403
105 BG for the food-stuffs and catering industry	88	133	108	375	173
106 BG for the trade and logistics industry	136	250	191	210	163
107 BG for the Transport industry, postal logistics and telecommunications	69	90	122	107	121
108 BG for the administrative sector	198	186	199	198	233
109 BG for the health and welfare services	247	193	195	216	318
<b>Accident insurance in public sector (General AI)</b>	<b>176</b>	<b>234</b>	<b>314</b>	<b>293</b>	<b>338</b>
<b>Total</b>	<b>6,122</b>	<b>5,047</b>	<b>5,054</b>	<b>4,892</b>	<b>4,799</b>
<b>Pupil accident insurance</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>

TABLE 31

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

Year	Suspected cases	Recognized cases <sup>1</sup>	New pensions
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	66,951	16,078	6,643
2010	70,277	15,461	6,123
2011	71,269	15,262	5,407
2012	70,566	15,291	4,924
2013	71,579	15,656	4,815
2014	71,685	16,112	5,155
2015	76,991	16,802	5,049
2016 <sup>2</sup>	75,491	20,539	5,365
2017	75,187	19,794	4,956
2018	77,877	19,748	4,813
2019	80,132	18,156	4,667
2020	106,491	37,181	5,056
2021	227,730	123,626	5,331
2022	370,141	199,542	4,893
2023	145,359	72,630	4,800

<sup>1</sup> Since 2019: Cases recognized for the first time

<sup>2</sup> The increase is partly due to new occupational diseases, which were added on January 1, 2015,

FIGURE 11

### Notifications of suspected cases of occupational disease

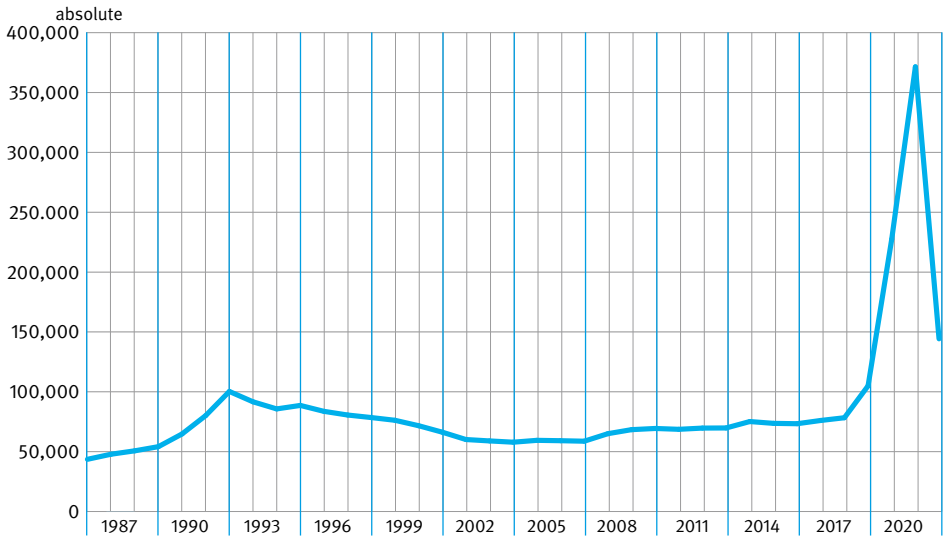
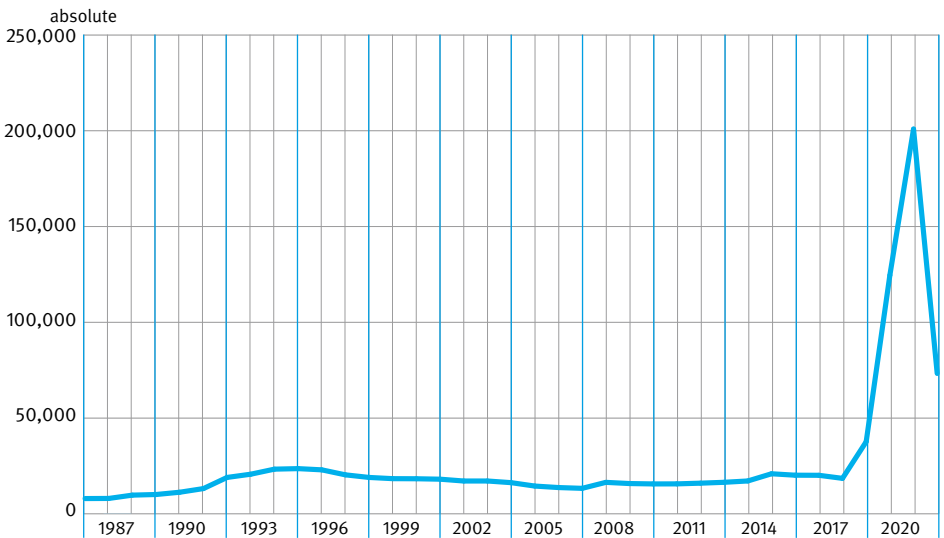


FIGURE 12

### Recognized cases of occupational disease \*



\* Since 2019: Cases recognized for the first time

FIGURE 13

### New occupational disease pensions

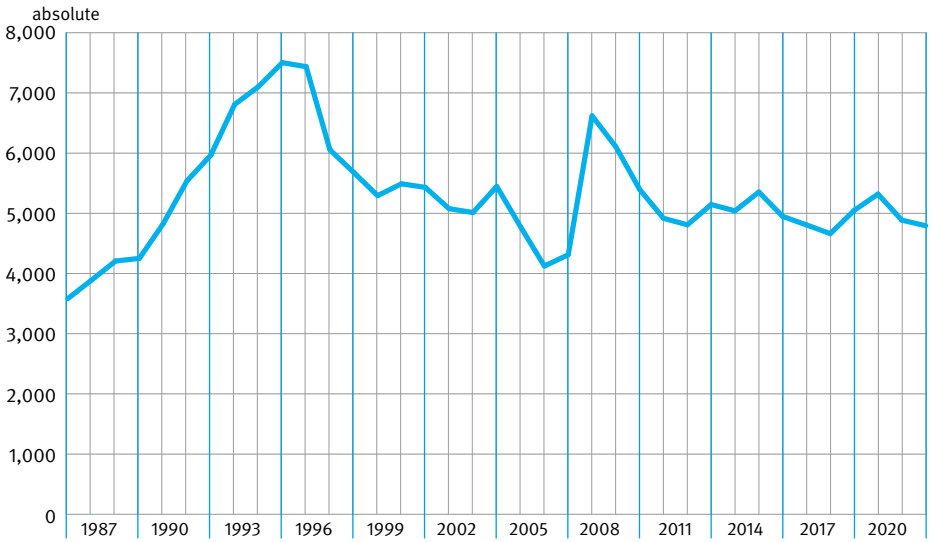


TABLE 32

## Stock of pensions

Year	Pensions paid to				Total
	Insured persons	Widows and widowers	Orphans	Other claimants	
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	747,685	107,698	12,894	31	868,308
2012	737,675	105,540	12,415	34	855,664
2013	727,162	103,861	11,845	31	842,899
2014	716,345	102,650	10,636	30	829,661
2015	704,858	100,717	10,174	29	815,778
2016	694,836	99,038	9,562	26	803,462
2017	683,578	97,001	8,764	22	789,365
2018	671,865	95,029	8,086	17	774,997
2019	660,182	92,635	7,723	16	760,556
2020	648,734	90,446	7,393	16	746,589
2021	635,276	87,702	6,963	17	729,958
2022	619,419	84,666	6,469	13	710,567
2023	604,354	81,628	6,072	12	692,066

FIGURE 14

### Total pensions paid at end of 2023

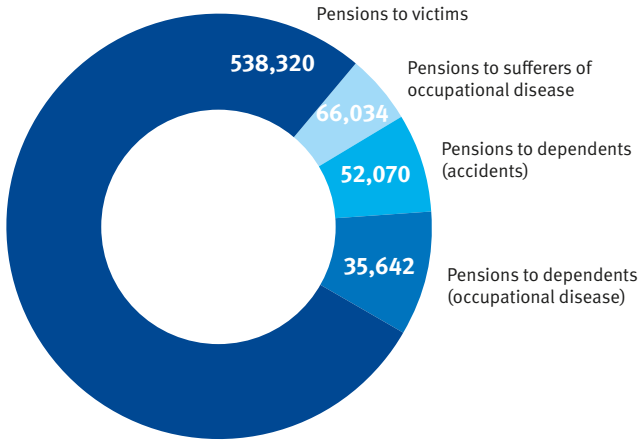


FIGURE 15

### Total pensions

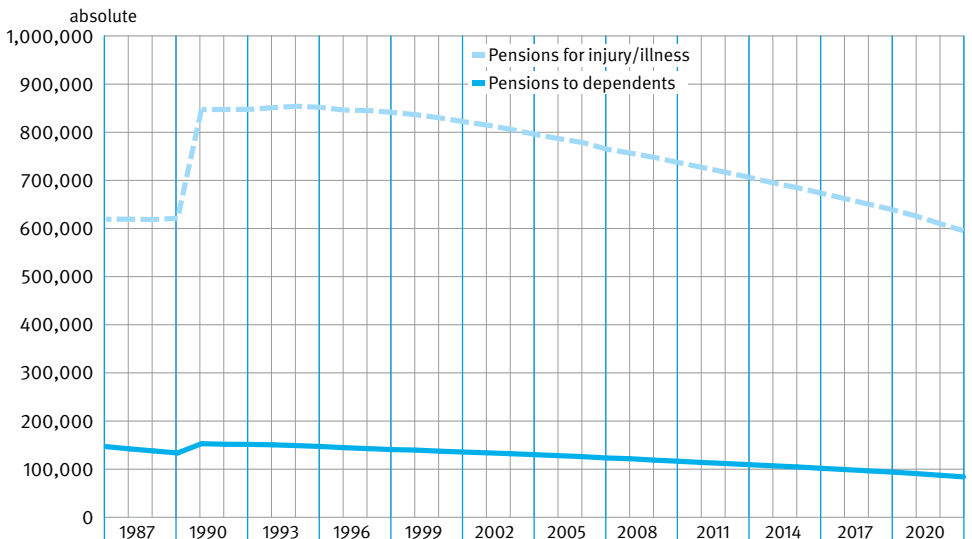


TABLE 33

## Remuneration<sup>1,2</sup> 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		1,909	
1960	49,103,621		2,750	
1965	86,878,914		4,434	
1970	133,665,175		6,816	
1975	203,497,493		10,567	
1980	292,067,305		14,470	
1985	338,449,183		16,637	
1990	447,047,574		17,331	
1995	611,448,202		19,973	
2000	658,312,472	+ 2.7	21,162	+ 2.0
2001	678,574,072	+ 3.1	21,892	+ 3.5
2002	684,249,845	+ 0.8	22,332	+ 2.0
2003	680,553,079	- 0.5	22,741	+ 1.8
2004	677,933,555	- 0.4	22,256	- 2.1
2005	675,686,431	- 0.3	22,746	+ 2.2
2006	690,026,919	+ 2.1	22,648	- 0.4
2007	714,839,359	+ 3.6	23,057	+ 1.8
2008	744,492,926	+ 4.1	23,659	+ 2.6
2009	732,313,240	- 1.6	23,205	- 1.9
2010	753,019,262	+ 2.8	23,496	+ 1.3
2011	793,438,514	+ 5.4	24,347	+ 3.6
2012	827,024,240	+ 4.2	24,982	+ 2.6
2013	852,287,644	+ 3.1	25,119	+ 0.5
2014	887,562,419	+ 4.1	26,049	+ 3.7
2015	921,721,717	+ 3.8	26,790	+ 2.8
2016	956,791,849	+ 8.0	27,380	+ 3.2
2017	995,473,298	+ 4.0	27,643	+ 1.0
2018 <sup>3</sup>	1,043,238,605	+ 4.8	32,266	+ 16.7
2019	1,088,405,015	+ 4.3	31,961	- 0.9
2020	1,066,570,478	- 2.0	32,194	+ 0.7
2021	1,108,758,839	+ 4.0	34,097	+ 5.9
2022	1,188,451,588	+ 7.2	34,790	+ 2.0
2023	1,251,531,980	+ 5.3	36,457	+ 4.8

<sup>1</sup> Not available in public sector accident insurance

<sup>2</sup> Since 2001: includes data of German Social Accident Insurance Institution for the postal logistics and telecommunications

<sup>3</sup> See note on p. 11 for interpretation



TABLE 34A

## Apportionment quota<sup>1,2</sup> required of companies in industrial sector

Year	Quota in € 1,000	Change on previous year in %	Per full time equivalent employee in €	Per € 100 of wages
1950	231,668		21	1.69
1955	434,371		28	1.47
1960	742,536		41	1.51
1965	1,366,311		70	1.57
1970	1,845,919		92	1.38
1975	3,048,397		167	1.50
1980	4,264,054		211	1.46
1985	4,731,429		233	1.40
1990	6,099,372		236	1.36
1995	8,949,088		292	1.46
2000	8,689,938	+ 1.6	279	1.32
2001	8,806,317	+ 1.3	284	1.30
2002	9,029,194	+ 2.5	298	1.32
2003	9,129,191	+ 1.1	305	1.34
2004	8,979,936	- 1.6	295	1.32
2005	8,814,110	- 1.8	297	1.30
2006	9,006,414	+ 2.2	296	1.31
2007	9,060,882	+ 0.6	292	1.27
2008	9,300,459	+ 2.6	296	1.25
2009	9,507,172	+ 2.2	301	1.30
2010	9,858,685	+ 3.7	308	1.31
2011	10,352,705	+ 5.0	318	1.30
2012	10,646,147	+ 2.8	322	1.29
2013	10,588,205	- 0.5	312	1.24
2014	10,736,669	+ 1.4	315	1.21
2015	10,905,393	+ 1.6	317	1.18
2016	11,247,447	+ 6.0	322	1.18
2017	11,558,916	+ 2.8	321	1.16
2018 <sup>3,4</sup>	11,458,920	- 0.9	354	1.10
2019	12,396,396	+ 8.2	364	1.14
2020	12,168,427	- 1.8	367	1.14
2021 <sup>3</sup>	10,623,014	- 12.7	327	0.96
2022	13,322,786	+ 25.4	390	1.12
2023	13,969,681	+ 4.9	407	1.12

<sup>1</sup> Not available in public sector accident insurance

<sup>2</sup> Since 1996: includes data of German Social Accident Insurance Institution for the postal logistics and telecommunications

<sup>3</sup> See note on p.11 for interpretationg

<sup>4</sup> Special effect due to a change in the payment system

TABLE 34B

## Contribution quota required of municipalities and affiliated companies in public sector<sup>1,2</sup>

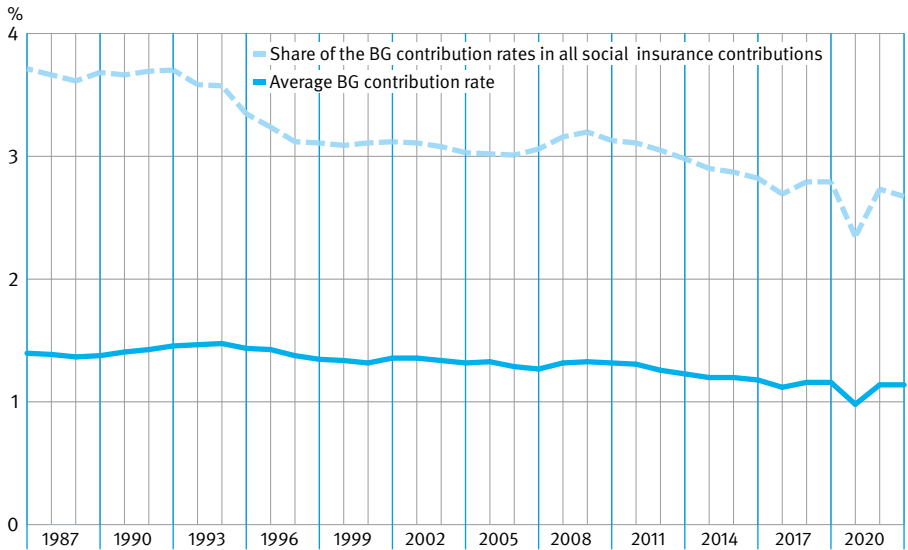
Year	Quota in € 1,000	Change on previous year in %	Per full time equivalent employee/pupil in €
1994	653,066	+ 21.4	
1995	682,375	+ 4.5	
1996	706,762	+ 3.6	
1997	708,798	+ 0.3	
1998	1,006,851	+ 42.1	
1999	1,004,412	- 0.2	
2000	1,012,373	+ 0.8	
2001	1,041,489	+ 2.9	
2002	1,037,487	- 0.4	
2003	1,056,611	+ 1.8	48
2004	1,103,352	+ 4.4	50
2005	1,126,662	+ 2.1	51
2006	1,132,761	+ 0.5	51
2007	1,175,990	+ 3.8	53
2008	1,172,302	- 0.3	54
2009	1,179,640	+ 0.6	54
2010	1,195,338	+ 1.3	54
2011	1,226,519	+ 2.6	56
2012	1,273,403	+ 3.8	58
2013	1,321,968	+ 3.8	60
2014	1,380,517	+ 4.4	62
2015	1,428,361	+ 3.5	64
2016	1,482,972	+ 8.5	66
2017	1,550,108	+ 4.5	68
2018	1,632,451	+ 5.3	70
2019	1,687,841	+ 3.4	75
2020	1,740,972	+ 3.1	75
2021	1,755,638	+ 0.8	76
2022	1,761,250	+ 0.3	73
2023	1,906,114	+ 8.2	78

<sup>1</sup> Without "Eigenunfallversicherungsträger" and "Ausführungsbehörden" which has been transformed and merged into "Unfallkassen" and "Gemeindeunfallversicherungsverbände" in 1997 and 2002.

<sup>2</sup> Excluding data of German Social Accident Insurance Institution for the postal logistics and telecommunications

FIGURE 16

### BG contribution rate and share in all social security contributions



\* 2018 and 2021: Special effect due to a change in the payment system

TABLE 35

## Expenditure on compensation

Year	Expenditure in € 1,000	Change on previous year in %	Per full time equivalent employee <sup>1</sup> in €	Per € 100 of wages <sup>2</sup>
<b>1994</b>	7,913,121	+ 5.3	219	1.17
<b>1995</b>	8,156,909	+ 3.1	221	1.16
<b>1996</b>	8,218,445	+ 0.8	217	1.16
<b>1997</b>	8,402,756	+ 2.2	224	1.19
<b>1998</b>	8,450,296	+ 0.6	228	1.17
<b>1999</b>	8,509,577	+ 0.7	228	1.15
<b>2000</b>	8,542,477	+ 0.4	229	1.13
<b>2001</b>	8,599,249	+ 0.7	232	1.10
<b>2002</b>	8,789,492	+ 2.2	242	1.12
<b>2003</b>	8,806,638	+ 0.2	245	1.12
<b>2004</b>	8,764,535	- 0.5	239	1.12
<b>2005</b>	8,675,926	- 1.0	240	1.11
<b>2006</b>	8,666,241	- 0.1	235	1.09
<b>2007</b>	8,575,052	- 1.1	228	1.04
<b>2008</b>	8,727,941	+ 1.8	229	1.01
<b>2009</b>	9,026,984	+ 3.4	236	1.07
<b>2010<sup>3</sup></b>	9,304,088	+ 3.1	240	1.07
<b>2011</b>	9,369,686	+ 0.7	238	1.02
<b>2012</b>	9,460,441	+ 1.0	237	0.99
<b>2013</b>	9,597,733	+ 1.5	235	0.97
<b>2014</b>	9,769,448	+ 1.8	237	0.95
<b>2015</b>	9,943,043	+ 1.8	240	0.93
<b>2016</b>	10,258,348	+ 3.2	243	0.92
<b>2017</b>	10,472,263	+ 2.1	241	0.91
<b>2018<sup>4</sup></b>	10,697,948	+ 2.2	267	0.88
<b>2019</b>	11,124,559	+ 4.0	254	0.88
<b>2020</b>	11,200,464	+ 0.7	259	0.91
<b>2021</b>	11,189,642	- 0.1	263	0.87
<b>2022</b>	11,410,048	+ 2.0	251	0.82
<b>2023</b>	11,954,042	+ 4.8	261	0.81

<sup>1</sup> Industrial and public sector without pupil accident insurance

<sup>2</sup> Industrial sector

<sup>3</sup> 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,

<sup>4</sup> See note on p. 11 for interpretation

TABLE 36

## Expenditure on curative treatment

Year	In € 1,000		Change on previous year in %	
	Total	Of which injury benefit <sup>1</sup>	Total	Injury benefit <sup>1</sup>
1994	2,511,911	564,198	+ 5.0	+ 0.8
1995	2,620,197	568,801	+ 4.3	+ 0.8
1996	2,609,508	573,878	- 0.4	+ 0.9
1997	2,664,089	550,455	+ 2.1	- 4.1
1998	2,715,191	550,523	+ 1.9	+ 0.0
1999	2,788,545	557,884	+ 2.7	+ 1.3
2000	2,817,784	562,303	+ 1.0	+ 0.8
2001	2,832,271	577,124	+ 0.5	+ 2.6
2002	2,915,904	606,495	+ 3.0	+ 5.1
2003	2,860,311	549,884	- 1.9	- 9.3
2004	2,854,926	506,762	- 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	3,496,863	583,781	+ 6.5	+ 4.9
2011	3,610,276	602,100	+ 3.2	+ 3.1
2012	3,677,790	602,522	+ 1.9	+ 0.1
2013	3,813,642	640,067	+ 3.7	+ 6.2
2014	3,965,957	658,769	+ 4.0	+ 2.9
2015	4,084,241	680,664	+ 3.0	+ 3.3
2016	4,278,674	711,832	+ 4.8	+ 4.6
2017	4,416,796	736,903	+ 3.2	+ 3.5
2018	4,583,097	765,510	+ 3.8	+ 3.9
2019	4,908,972	827,403	+ 7.1	+ 8.1
2020	4,873,634	841,889	- 0.7	+ 1.8
2021	4,910,336	865,397	+ 0.8	+ 2.8
2022	5,150,817	925,195	+ 4.9	+ 6.9
2023	5,553,815	980,969	+ 7.8	+ 6.0

<sup>1</sup> Including special assistance

TABLE 37

## Expenditure on pensions <sup>1</sup> in € 1,000

Year	Expenditure on pensions for				Total
	Insured persons	Widows and widowers	Orphans	Other claimants	
1994	3,573,341	1,266,218	139,105	1,151	4,979,815
1995	3,680,098	1,286,027	139,240	1,304	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	129,548	761	5,266,505
2000	3,863,449	1,287,180	127,730	711	5,279,070
2001	3,914,986	1,297,226	126,509	651	5,339,372
2002	3,982,916	1,316,549	125,612	695	5,425,772
2003	4,017,913	1,323,578	124,940	593	5,467,024
2004	4,006,454	1,320,115	122,915	567	5,450,052
2005	3,987,306	1,310,681	117,812	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
2012	3,975,382	1,328,316	89,732	218	5,393,648
2013	3,980,744	1,330,928	85,001	191	5,396,863
2014	4,005,807	1,332,015	79,756	185	5,417,763
2015	4,039,730	1,339,334	77,455	243	5,456,762
2016	4,131,929	1,369,162	74,980	166	5,576,236
2017	4,194,114	1,388,385	71,899	143	5,654,540
2018	4,255,742	1,400,315	69,309	159	5,725,526
2019	4,326,860	1,420,650	67,066	129	5,814,706
2020	4,420,425	1,441,786	65,803	158	5,928,172
2021	4,412,761	1,427,007	63,092	134	5,902,993
2022	4,423,935	1,426,854	60,351	132	5,911,271
2023	4,538,067	1,454,024	59,875	113	6,052,077

<sup>1</sup> 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
1994	4,142	9,647	5,910	5,431
1995	4,252	9,866	6,103	6,329
1996	4,335	10,010	6,158	4,936
1997	4,442	10,163	6,244	4,788
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	5,598
2001	4,654	10,672	6,330	5,762
2002	4,781	10,965	6,387	6,434
2003	4,864	11,142	6,473	5,651
2004	4,905	11,234	6,547	5,969
2005	4,943	11,301	6,460	6,141
2006	4,942	11,402	6,597	6,179
2007	4,936	11,419	6,690	5,402
2008	5,020	11,605	7,052	6,640
2009	5,205	12,042	6,899	6,610
2010	5,265	12,213	7,123	7,805
2011	5,289	12,278	7,187	6,815
2012	5,389	12,586	7,228	6,406
2013	5,474	12,815	7,176	6,147
2014	5,592	12,976	7,499	6,176
2015	5,731	13,298	7,613	8,383
2016	5,947	13,825	7,841	6,368
2017	6,136	14,313	8,204	6,506
2018	6,334	14,736	8,572	9,374
2019	6,554	15,336	8,684	8,063
2020	6,814	15,941	8,901	9,851
2021	6,946	16,271	9,061	7,890
2022	7,142	16,853	9,329	10,128
2023	7,509	17,813	9,861	9,382

TABLE 39

## Expenditure on prevention in € 1,000

Year	Total	Of which for			
		Accident prevention regulations, publications, etc.	Personnel and material costs of prevention <sup>1</sup>	Services for occupational health and for safety of operation, first aid	Training
1994	563,483	7,352	321,515	72,690	78,877
1995	608,301	8,274	341,782	79,657	89,069
1996	633,617	7,496	349,242	86,477	92,269
1997	647,689	8,569	361,496	82,155	98,351
1998	660,549	7,504	372,412	79,222	99,414
1999	681,996	7,476	382,873	85,564	101,427
2000	716,525	6,689	412,802	83,756	104,241
2001	733,981	6,000	418,208	82,236	110,899
2002	769,717	5,349	432,477	85,965	122,551
2003	805,869	4,788	451,340	88,409	130,153
2004	813,308	4,453	458,435	87,476	130,070
2005	812,560	3,775	461,336	84,488	132,747
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
2012	1,013,342	2,264	587,129	102,892	121,803
2013	1,037,824	1,921	604,426	111,610	128,326
2014	1,083,191	1,817	624,137	119,076	133,496
2015	1,122,624	1,975	632,102	131,527	138,232
2016	1,168,921	1,810	652,527	145,589	140,605
2017	1,197,670	1,731	672,946	142,639	140,114
2018	1,223,552	1,689	688,043	141,253	138,452
2019	1,285,091	1,610	724,585	143,226	138,294
2020	1,229,680	1,353	726,279	119,385	103,882
2021	1,225,180	1,148	740,896	131,918	89,858
2022	1,297,532	1,297	742,352	165,700	107,205
2023	1,394,512	1,238	786,019	162,726	131,080

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



FIGURE 17

### **Ependiture on prevention**

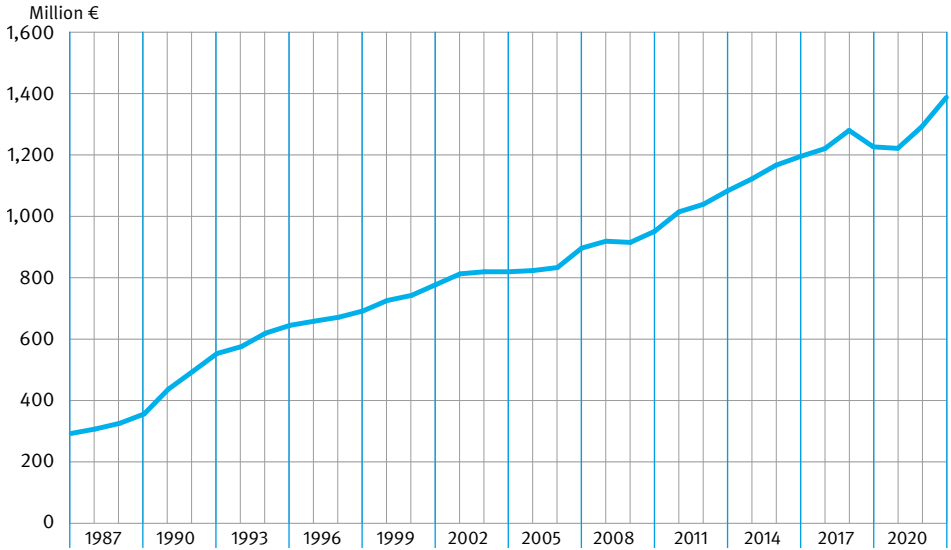
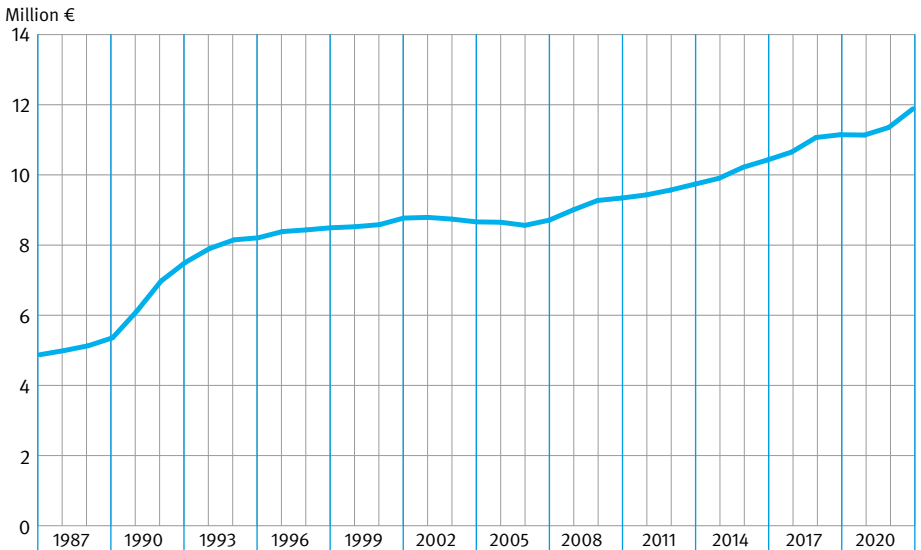


FIGURE 18

### **Ependiture 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.

TABLE 40

## Staff in the section of prevention in 2023

	Labour inspectors	Other prevention experts	Occupational physicians, scientific staff	Administrative staff	Total
<b>Accident insurance in industrial sector</b>	<b>1,944</b>	<b>587</b>	<b>764</b>	<b>1,276</b>	<b>4,571</b>
101 BG for the raw materials and chemical industry	153	58	62	221	494
102 BG for the wood-working and metal-working industries	323	211	120	325	979
103 BG for the energy, textile, electrical and media products sectors	196	66	149	65	476
104 BG for the building trade	550	46	136	102	834
105 BG for the food-stuffs and catering industry	126	69	69	92	356
106 BG for the trade and logistics industry	178	40	56	89	363
107 BG for the Transport industry, postal logistics and telecommunications	119	4	54	52	229
108 BG for the administrative sector	177	5	45	215	442
109 BG for the health and welfare services	122	88	73	115	398
<b>Accident insurance in public sector (General AI)</b>	<b>397</b>	<b>44</b>	<b>55</b>	<b>186</b>	<b>682</b>
<b>Total</b>	<b>2,341</b>	<b>631</b>	<b>819</b>	<b>1,462</b>	<b>5,253</b>

TABLE 41

## Selected activities in the section of prevention in 2023

	Inspected companies <sup>1</sup> / educational institutions <sup>2</sup>	Inspections in the companies <sup>1</sup> / educational institutions <sup>2</sup>	Safety deficiencies found	Investigated accidents
<b>Accident insurance in industrial sector</b>	<b>217,230</b>	<b>442,851</b>	<b>1,163,514</b>	<b>22,736</b>
101 BG for the raw materials and chemical industry	7,243	12,609	20,120	593
102 BG for the wood- working and metal- working industries	51,194	61,524	65,839	4,920
103 BG for the energy, textile, electrical and media products sectors	32,175	39,119	20,861	3,625
104 BG for the building trade	56,140	224,253	695,662	2,565
105 BG for the food- stuffs and catering industry	23,955	28,111	163,310	5,391
106 BG for the trade and logistics industry	25,205	50,578	148,353	3,826
107 BG for the Trans- port industry, postal logistics and telecommunications	9,444	9,635	12,188	593
108 BG for the adminis- trative sector	7,198	9,491	18,833	719
109 BG for the health and welfare services	4,676	7,531	18,348	504
<b>Accident insurance in public sector</b>	<b>5,290</b>	<b>11,005</b>	<b>39,437</b>	<b>2,768</b>
<b>Total</b>	<b>222,520</b>	<b>453,856</b>	<b>1,202,951</b>	<b>25,504</b>

<sup>1</sup> Including assistance companies

<sup>2</sup> The inspected companies and inspections in the public sector include the educational institutions of the pupil accident insurance,

TABLE 42

## Consulting initiated by companies and insured persons 2023

	On-site consultation		Consultation by telephone or in writing <sup>1</sup>	
	Occupational safety	Health protection	Occupational safety	Health protection
<b>Accident insurance in industrial sector</b>	<b>128,424</b>	<b>48,661</b>	<b>203,691</b>	<b>112,694</b>
101 BG for the raw materials and chemical industry	4,109	1,761	1,027	440
102 BG for the wood-working and metal-working industries	3,822	1,224	2,766	695
103 BG for the energy, textile, electrical and media products sectors	54,167	17,424	64,393	13,707
104 BG for the building trade	14,231	7,897	41,751	15,194
105 BG for the food-stuffs and catering industry	1,089	485	11,713	8,403
106 BG for the trade and logistics industry	31,448	5,932	5,475	1,747
107 BG for the Transport industry, postal logistics and telecommunications	7,020	5,054	35,189	6,086
108 BG for the administrative sector	5,729	3,819	315	210
109 BG for the health and welfare services	6,809	5,065	41,062	66,212
<b>Accident insurance in public sector</b>	<b>14,059</b>	<b>5,681</b>	<b>113,433</b>	<b>34,987</b>
<b>Total</b>	<b>142,483</b>	<b>54,342</b>	<b>317,124</b>	<b>147,681</b>

<sup>1</sup> Including consulting outside the permanent establishment

TABLE 43

## Occupational health and safety training seminars by target groups in 2023

	Target groups					Total number of courses
	Safety officers	OSH professionals	Employers and managers	Company medical officers	Other company staff	
<b>Accident insurance in industrial sector</b>	<b>3,708</b>	<b>1,061</b>	<b>3,423</b>	<b>23</b>	<b>10,718</b>	<b>18,933</b>
101 BG for the raw materials and chemical industry	194	87	365	–	1,297	1,943
102 BG for the wood-working and metal-working industries	920	209	1,125	1	4,712	6,967
103 BG for the energy, textile, electrical and media products sectors	467	144	388	5	1,372	2,376
104 BG for the building trade	231	137	693	–	2,009	3,070
105 BG for the food-stuffs and catering industry	231	212	274	14	320	1,051
106 BG for the trade and logistics industry	422	119	127	–	146	814
107 BG for the Transport industry, postal logistics and telecommunications	76	10	47	–	68	201
108 BG for the administrative sector	528	114	259	3	480	1,384
109 BG for the health and welfare services	639	29	145	–	314	1,127
<b>Accident insurance in public sector</b>	<b>1,119</b>	<b>209</b>	<b>813</b>	<b>22</b>	<b>2,519</b>	<b>4,682</b>
<b>Total</b>	<b>4,827</b>	<b>1,270</b>	<b>4,236</b>	<b>45</b>	<b>13,237</b>	<b>23,615</b>

TABLE 44

## Persons attending OSH training by target groups in 2023

	Target groups					Attendance, total	Trained first-aiders
	Safety officers	OSH professionals	Employers and managers	Company medical officers	Other company staff		
<b>Accident insurance in industrial sector</b>	<b>69,215</b>	<b>16,685</b>	<b>53,712</b>	<b>1,177</b>	<b>158,355</b>	<b>299,144</b>	<b>1,724,027</b>
101 BG for the raw materials and chemical industry	3,212	1,369	5,504	–	17,527	27,612	97,429
102 BG for the wood-working and metal-working industries	17,256	3,793	17,117	573	60,169	98,908	270,844
103 BG for the energy, textile, electrical and media products sectors	8,121	2,440	6,846	449	31,738	49,594	256,299
104 BG for the building trade	3,154	1,664	11,114	–	28,943	44,875	172,396
105 BG for the food-stuffs and catering industry	4,732	3,472	4,151	118	4,774	17,247	80,657
106 BG for the trade and logistics industry	10,924	1,646	2,348	–	2,115	17,033	291,656
107 BG for the Transport industry, postal logistics and telecommunications	1,307	166	588	–	995	3,056	41,935
108 BG for the administrative sector	9,341	1,686	4,077	37	7,688	22,829	303,671
109 BG for the health and welfare services	11,168	449	1,967	–	4,406	17,990	209,140
<b>Accident insurance in public sector</b>	<b>23,448</b>	<b>1,840</b>	<b>14,317</b>	<b>297</b>	<b>50,244</b>	<b>90,146</b>	<b>546,548</b>
<b>Total</b>	<b>92,663</b>	<b>18,525</b>	<b>68,029</b>	<b>1,474</b>	<b>208,599</b>	<b>389,290</b>	<b>2,270,575</b>

TABLE 45

## Staff with responsibility for safety at work in 2023

	Safety officers	Trained OSH professionals <sup>1</sup>
<b>Accident insurance in industrial sector</b>	<b>592,227</b>	<b>1,510</b>
101 BG for the raw materials and chemical industry	43,413	131
102 BG for the wood-working and metal-working industries	97,913	469
103 BG for the energy, textile, electrical and media products sectors	55,934	254
104 BG for the building trade	28,524	78
105 BG for the food-stuffs and catering industry	32,069	73
106 BG for the trade and logistics industry	49,236	191
107 BG for the Transport industry, postal logistics and telecommunications	31,826	28
108 BG for the administrative sector	75,286	183
109 BG for the health and welfare services	178,026	103
<b>Accident insurance in public sector</b>	<b>152,408</b>	<b>143</b>
<b>Total</b>	<b>744,635</b>	<b>1,653</b>

<sup>1</sup> Not available in pupil accident insurance

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