DGUV
Deutsche Gesetzliche
Unfallversicherung
Spitzenverband

# DGUV Statistics 2016

Figures and long-term trends

# DGUV Statistics 2016

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

# Table of contents

Tables 22 and 27 corrected on 11/06/2017




**Booklet produced by:**
Bonifatius GmbH, Druck · Buch · Verlag, Paderborn

ClimatePartner | Certificate Number: 53323-1707-1010

**Figures**

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



The time-series normally begins in 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 €.

**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.

**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[1] 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.

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



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

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

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

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

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

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

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

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

Table 1:

**Companies, hours worked and full time equivalent employees**

| Year | Companies [1] | Hours worked in 1,000 | Full time equivalent employees | FTE guideline figure [2] |
|---|---|---|---|---|
| 1987 | 2,313,818 | 43,312,231 | 26,735,947 | 1,620 |
| 1988 | 2,339,865 | 44,279,552 | 27,294,164 | 1,620 |
| 1989 | 2,384,782 | 44,978,295 | 27,929,444 | 1,610 |
| 1990 | 2,443,363 | 45,999,442 | 28,929,493 | 1,590 |
| 1991 | 2,717,863 | 55,478,665 | 34,891,275 | 1,590 |
| 1992 | 2,851,798 | 56,998,130 | 35,256,354 | 1,620 |
| 1993 | 2,948,708 | 54,044,726 | 34,842,251 | 1,570 |
| 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 | 40,069,831 | 1,570 |

[1] Companies, private households and assistance companies
[2] For definition see note on p. 9

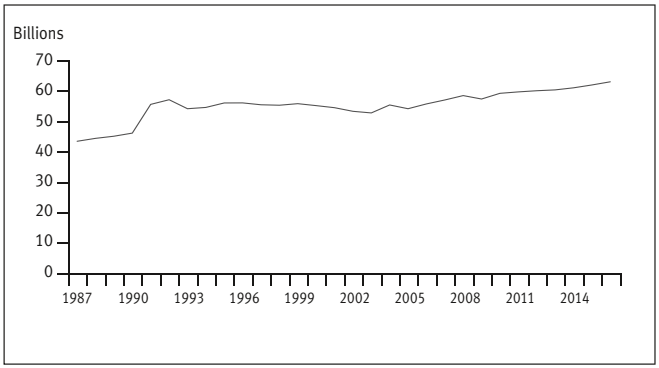
Table 1a:

**Institutions, insureds in statutory pupil accident insurance**

| Year | Educational institutions [1] | Insureds [2] |
|---|---|---|
| 1987 | 57,622 | 12,136,518 |
| 1988 | 57,676 | 11,989,188 |
| 1989 | 57,864 | 11,908,904 |
| 1990 | 58,155 | 11,956,684 |
| 1991 | 67,342 | 14,878,096 |
| 1992 | 76,363 | 15,844,198 |
| 1993 | 80,158 | 16,153,547 |
| 1994 | 80,871 | 16,336,970 |
| 1995 | 82,066 | 16,452,524 |
| 1996 | 83,099 | 16,809,262 |
| 1997 | 98,049 | 17,539,932 |
| 1998 | 99,975 | 17,659,188 |
| 1999 | 100,354 | 17,583,620 |
| 2000 | 94,048 | 17,363,208 |
| 2001 | 91,112 | 17,444,431 |
| 2002 | 93,230 | 17,479,762 |
| 2003 | 94,898 | 17,443,636 |
| 2004 | 89,054 | 17,416,479 |
| 2005 | 87,795 | 17,373,585 |
| 2006 | 120,260 | 17,399,085 |
| 2007 | 120,019 | 17,268,114 |
| 2008 | 126,771 | 17,058,553 |
| 2009 | 131,026 | 17,072,402 |
| 2010 | 136,766 | 17,122,852 |
| 2011 | 140,512 | 17,071,776 |
| 2012 | 139,970 | 17,150,120 |
| 2013 | 140,891 | 17,155,415 |
| 2014 | 142,104 | 17,112,531 |
| 2015 | 142,271 | 17,170,607 |
| 2016 | 143,560 | 17,327,432 |

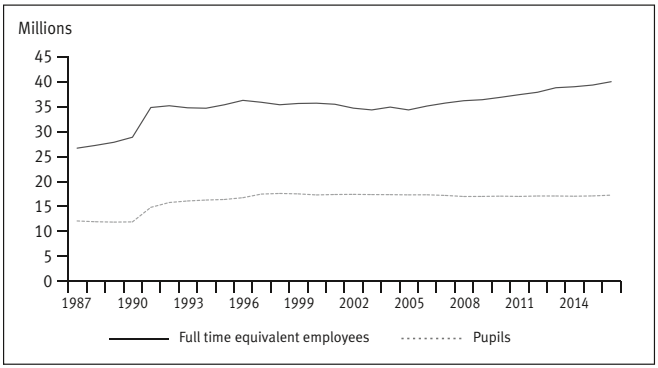
[1] Including day care facilities
[2] Pupils from nursery school (including day care) through university

Figure 1:
**Hours worked***




* Excluding day care and school

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




* Children and adolescents from nursery school through university

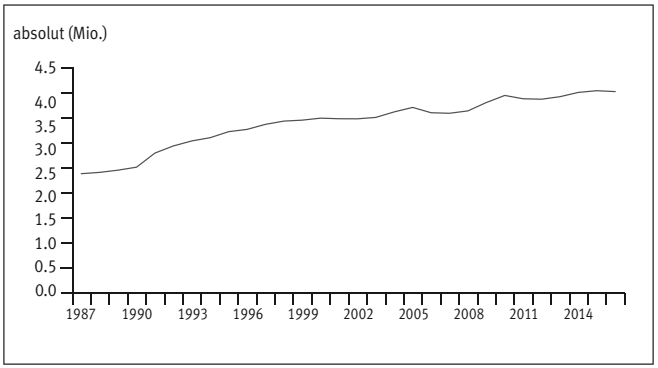
Table 2:

**Companies [1] by size in 2016**

| | Number of companies with ... FTE | | | | | All companies [2] |
|---|---|---|---|---|---|---|
| | up to 9 | 10 to 49 | 50 to 249 | 250 to 499 | 500 or more | |
| **Accident insurance in industrial sector** | **2,901,104** | **331,340** | **69,287** | **8,798** | **6,728** | **3,322,947** |
| 101 BG for the raw materials and chemical industry | 21,667 | 5,643 | 2,818 | 533 | 386 | 31,047 |
| 102 BG for the wood-working and metal-working industries | 168,292 | 35,443 | 9,295 | 1,277 | 840 | 215,147 |
| 103 BG for the energy, textile, electrical and media products sectors | 181,962 | 24,018 | 7,305 | 1,100 | 779 | 215,164 |
| 104 BG for the building trade | 250,532 | 31,482 | 3,920 | 314 | 203 | 286,451 |
| 105 BG for the foodstuffs and catering industry | 208,289 | 29,310 | 4,700 | 527 | 288 | 243,114 |
| 106 BG for the trade and logistics industry | 325,210 | 41,109 | 9,590 | 979 | 1,015 | 377,903 |
| 107 BG for the Transport industry, postal logistics and telecommunications | 170,888 | 19,406 | 3,676 | 298 | 193 | 194,944 |
| 108 BG for the administrative sector | 1,006,624 | 97,593 | 18,791 | 2,586 | 1,933 | 1,127,527 |
| 109 BG for the health and welfare services | 567,640 | 47,336 | 9,192 | 1,184 | 1,091 | 631,650 |
| **Accident insurance in public sector (General AI [3])** | **8,642** | **8,433** | **4,743** | **1,143** | **1,261** | **24,236** |
| **Total** | **2,909,746** | **339,773** | **74,030** | **9,941** | **7,989** | **3,347,183** |

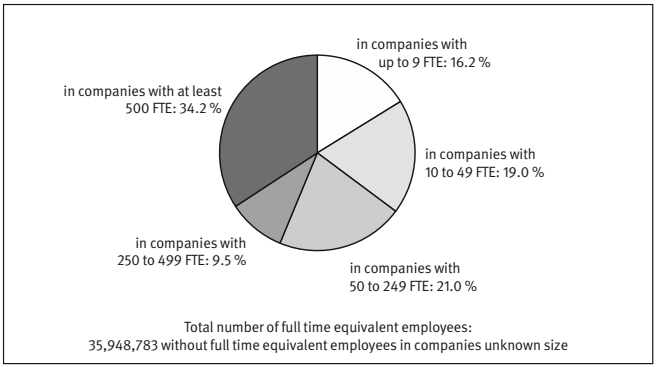
[1] Without private households and assistance companies
[2] In some cases the size of companies was not available. So summing up does not always coincide with the column
[3] General AI (General Accident Insurance): Public Sector accident insurance without pupil accident insurance

Figure 3:
**Companies***




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

Figure 4:
**Full time equivalent employees* by company size 2016**




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

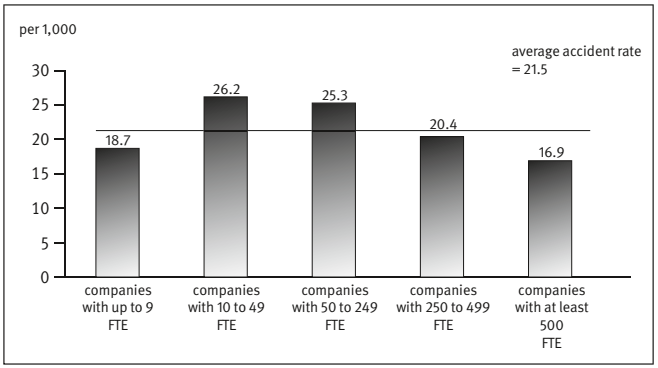
Table 3:

**Full time equivalent employees/pupils**

| | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| **Accident insurance in industrial sector** | **31,108,083** | **29,706,299** | **32,049,142** | **34,406,081** | **34,945,205** |
| 101 BG for the raw materials and chemical industry | 1,390,797 | 1,239,124 | 1,179,281 | 1,212,459 | 1,224,642 |
| 102 BG for the wood-working and metal-working industries | 4,362,292 | 3,958,779 | 3,844,841 | 4,089,069 | 3,995,297 |
| 103 BG for the energy, textile, electrical and media products sectors | 3,498,258 | 3,141,625 | 2,893,902 | 3,066,041 | 3,055,280 |
| 104 BG for the building trade | 2,723,932 | 1,846,606 | 1,769,325 | 1,844,284 | 1,895,711 |
| 105 BG for the foodstuffs and catering industry | 2,045,719 | 1,892,250 | 1,817,047 | 1,937,151 | 1,982,669 |
| 106 BG for the trade and logistics industry | 3,677,160 | 3,698,166 | 3,739,645 | 4,488,496 | 4,573,506 |
| 107 BG for the Transport industry, postal logistics and telecommunications | 1,709,552 | 1,603,974 | 1,669,824 | 1,643,065 | 1,662,718 |
| 108 BG for the administrative sector | 8,671,810 | 8,876,661 | 11,047,870 | 11,594,383 | 11,839,888 |
| 109 BG for the health and welfare services | 3,028,563 | 3,449,114 | 4,087,407 | 4,531,133 | 4,715,494 |
| **Accident insurance in public sector (General AI)** | **4,651,307** | **4,708,888** | **4,892,027** | **4,995,980** | **5,124,626** |
| **Total** | **35,759,390** | **34,415,187** | **36,941,169** | **39,402,061** | **40,069,831** |
| **Pupil accident insurance** | | | | | |
| *Pupils* | *17,363,208* | *17,373,585* | *17,122,852* | *17,170,607* | *17,327,432* |

Figure 5:

**Reportable occupational accidents at the workplace* per 1,000 FTE in 2015 by company size**




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

Table 4:

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

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



Table 4a:

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

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

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 manhours | |
| 1987 | 51.79 | 31.97 | 6.59 |
| 1988 | 51.42 | 31.70 | 5.90 |
| 1989 | 51.21 | 31.80 | 5.71 |
| 1990 | 51.70 | 32.51 | 5.97 |
| 1991 | 52.10 | 32.76 | 6.01 |
| 1992 | 53.17 | 32.89 | 6.37 |
| 1993 | 50.16 | 32.34 | 6.61 |
| 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 |



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

Table 6:

**Reportable accidents at work by sector and BG**
**– absolute figures –**

| | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| **Accident insurance in industrial sector** | **1,154,447** | **810,637** | **852,532** | **791,319** | **802,016** |
| 101 BG for the raw materials and chemical industry | 42,856 | 25,302 | 22,689 | 22,234 | 22,480 |
| 102 BG for the wood-working and metal-working industries | 254,367 | 172,662 | 163,864 | 151,179 | 148,512 |
| 103 BG for the energy, textile, electrical and media products sectors | 80,217 | 57,733 | 63,206 | 56,135 | 56,183 |
| 104 BG for the building trade | 246,287 | 123,647 | 117,736 | 102,333 | 104,820 |
| 105 BG for the foodstuffs and catering industry | 114,608 | 92,080 | 72,921 | 67,622 | 67,821 |
| 106 BG for the trade and logistics industry | 120,002 | 90,615 | 100,417 | 102,766 | 104,722 |
| 107 BG for the Transport industry, postal logistics and telecommunications | 83,337 | 64,375 | 72,679 | 69,935 | 71,986 |
| 108 BG for the administrative sector | 164,483 | 139,240 | 174,779 | 147,156 | 148,551 |
| 109 BG for the health and welfare services | 48,290 | 44,983 | 64,241 | 71,959 | 76,941 |
| **Accident insurance in public sector (General AI)** | **225,842** | **121,295** | **101,927** | **74,737** | **75,055** |
| **Total** | **1,380,289** | **931,932** | **954,459** | **866,056** | **877,071** |
| **Pupil accident insurance** *Reportable accidents at school* | *1,463,423* | *1,290,782* | *1,307,348* | *1,244,577* | *1,241,139* |

Table 7:

**Reportable accidents at work by sector and BG**
**– per 1,000 FTE/pupils –**

| | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| **Accident insurance in industrial sector** | **37.11** | **27.29** | **26.60** | **23.00** | **22.95** |
| 101 BG for the raw materials and chemical industry | 30.81 | 20.42 | 19.24 | 18.34 | 18.36 |
| 102 BG for the wood-working and metal-working industries | 58.31 | 43.61 | 42.62 | 36.97 | 37.17 |
| 103 BG for the energy, textile, electrical and media products sectors | 22.93 | 18.38 | 21.84 | 18.31 | 18.39 |
| 104 BG for the building trade | 90.42 | 66.96 | 66.54 | 55.49 | 55.29 |
| 105 BG for the foodstuffs and catering industry | 56.02 | 48.66 | 40.13 | 34.91 | 34.21 |
| 106 BG for the trade and logistics industry | 32.63 | 24.50 | 26.85 | 22.90 | 22.90 |
| 107 BG for the Transport industry, postal logistics and telecommunications | 48.75 | 40.13 | 43.52 | 42.56 | 43.29 |
| 108 BG for the administrative sector | 18.97 | 15.69 | 15.82 | 12.69 | 12.55 |
| 109 BG for the health and welfare services | 15.94 | 13.04 | 15.72 | 15.88 | 16.32 |
| **Accident insurance in public sector (General AI)** | **48.55** | **25.76** | **20.84** | **14.96** | **14.65** |
| **Total** | **38.60** | **27.08** | **25.84** | **21.98** | **21.89** |
| **Pupil accident insurance** *Reportable accidents at school per 1,000 pupils* | *84.28* | *74.30* | *76.35* | *72.48* | *71.63* |

Table 7a:

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

| | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| Baden–Württemberg | 77.45 | 68.91 | 70.66 | 63.22 | 63.00 |
| Bavaria | 62.42 | 59.31 | 61.27 | 64.61 | 63.74 |
| Berlin | 102.33 | 88.03 | 85.93 | 83.90 | 82.61 |
| Brandenburg | 114.34 | 91.09 | 88.47 | 83.42 | 81.09 |
| Bremen | 80.24 | 77.75 | 78.78 | 66.78 | 67.46 |
| Hamburg/ Schleswig-Holstein [1] | 91.94 | 83.26 | 78.92 | 81.02 | 79.87 |
| Hesse | 71.94 | 63.00 | 65.16 | 61.07 | 61.39 |
| Mecklenburg-Vorpommern | 117.00 | 84.22 | 89.50 | 89.48 | 88.67 |
| Lower Saxony | 86.32 | 86.35 | 82.55 | 83.17 | 85.23 |
| North Rhine-Westphalia | 87.38 | 75.70 | 85.71 | 73.00 | 71.68 |
| Rhineland-Palatinate | 81.54 | 76.53 | 69.84 | 69.53 | 65.27 |
| Saarland | 78.53 | 78.53 | 78.88 | 69.01 | 69.45 |
| Saxony | 84.45 | 71.32 | 74.93 | 79.23 | 77.88 |
| Saxony-Anhalt | 104.21 | 81.94 | 86.19 | 74.68 | 67.60 |
| Thuringia | 105.46 | 87.93 | 87.90 | 93.71 | 92.31 |
| **Total** | **84.28** | **74.30** | **76.35** | **72.48** | **71.63** |

[1] Public sector accident insurance institution spanning two Länder

Table 8:

**Reportable commuting accidents by sector and BG**
**– absolute figures –**

| | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| **Accident insurance in industrial sector** | **179,793** | **153,685** | **191,693** | **153,980** | **159,502** |
| 101 BG for the raw materials and chemical industry | 7,324 | 5,837 | 6,161 | 5,662 | 5,850 |
| 102 BG for the wood-working and metal-working industries | 26,071 | 21,580 | 22,217 | 19,383 | 19,692 |
| 103 BG for the energy, textile, electrical and media products sectors | 16,375 | 13,355 | 15,023 | 12,669 | 13,018 |
| 104 BG for the building trade | 16,379 | 10,225 | 11,738 | 8,740 | 8,833 |
| 105 BG for the foodstuffs and catering industry | 15,216 | 13,872 | 14,321 | 10,967 | 11,096 |
| 106 BG for the trade and logistics industry | 25,061 | 20,626 | 25,308 | 22,159 | 22,575 |
| 107 BG for the Transport industry, postal logistics and tele-communications | 7,364 | 7,301 | 8,786 | 7,177 | 7,763 |
| 108 BG for the administrative sector | 44,264 | 38,148 | 53,230 | 36,984 | 38,144 |
| 109 BG for the health and welfare services | 21,739 | 22,741 | 34,909 | 30,239 | 32,531 |
| **Accident insurance in public sector (General AI)** | **51,539** | **31,461** | **32,280** | **25,201** | **26,568** |
| **Total** | **231,332** | **185,146** | **223,973** | **179,181** | **186,070** |
| **Pupil accident insurance** *Reportable school commuting accidents* | *140,275* | *124,650* | *124,572* | *110,200* | *111,216* |

Table 9:

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

| | | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|---|
| **Accident insurance in industrial sector** | | **5.09** | **4.51** | **5.13** | **3.75** | **3.82** |
| 101 | BG for the raw materials and chemical industry | 5.07 | 4.56 | 5.02 | 4.01 | 4.07 |
| 102 | BG for the wood-working and metalworking industries | 5.87 | 5.24 | 5.20 | 4.09 | 4.12 |
| 103 | BG for the energy. textile. electrical and media products sectors | 4.41 | 3.92 | 4.12 | 3.28 | 3.42 |
| 104 | BG for the building trade | 4.45 | 3.84 | 4.41 | 3.18 | 3.12 |
| 105 | BG for the foodstuffs and catering industry | 4.43 | 4.19 | 4.30 | 3.03 | 2.99 |
| 106 | BG for the trade and logistics industry | 5.95 | 4.93 | 6.03 | 4.12 | 4.11 |
| 107 | BG for the Transport industry. postal logistics and telecommunications | 4.21 | 4.46 | 5.16 | 4.28 | 4.57 |
| 108 | BG for the administrative sector | 5.54 | 4.64 | 5.29 | 3.52 | 3.55 |
| 109 | BG for the health and welfare services | 4.67 | 4.36 | 5.60 | 4.27 | 4.49 |
| **Accident insurance in public sector (General AI)** | | **10.28** | **6.18** | **6.01** | **3.99** | **4.07** |
| **Total** | | **5.73** | **4.73** | **5.25** | **3.78** | **3.85** |
| **Pupil accident insurance** *Reportable school commuting accidents per 1.000 pupils* | | *8.08* | *7.17* | *7.28* | *6.42* | *6.42* |

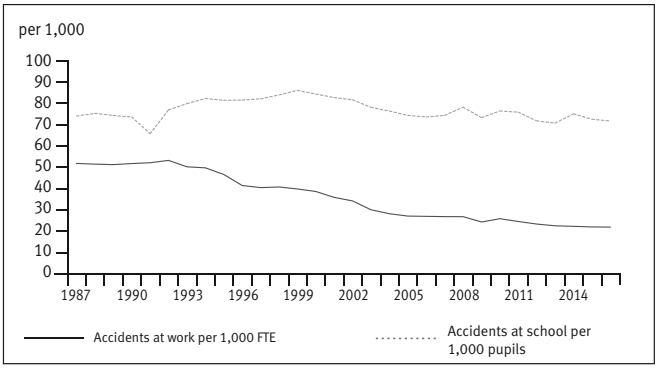
Table 9a:

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

| | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| Baden–Württemberg | 7.76 | 5.99 | 6.14 | 6.19 | 5.97 |
| Bavaria | 7.04 | 7.22 | 7.79 | 7.07 | 6.69 |
| Berlin | 6.15 | 5.79 | 5.79 | 4.93 | 5.34 |
| Brandenburg | 11.27 | 9.28 | 7.81 | 5.84 | 6.62 |
| Bremen | 6.34 | 8.55 | 8.42 | 5.84 | 5.70 |
| Hamburg/ Schleswig-Holstein[1] | 8.13 | 7.79 | 8.38 | 6.47 | 6.46 |
| Hesse | 6.45 | 5.24 | 5.48 | 4.45 | 4.34 |
| Mecklenburg-Vorpommern | 11.22 | 8.25 | 6.61 | 6.39 | 6.78 |
| Lower Saxony | 9.16 | 8.88 | 10.24 | 9.73 | 10.37 |
| North Rhine-Westphalia | 8.52 | 7.05 | 7.13 | 6.18 | 6.15 |
| Rhineland-Palatinate | 6.40 | 6.69 | 5.86 | 6.05 | 5.42 |
| Saarland | 9.25 | 8.35 | 8.16 | 5.48 | 6.04 |
| Saxony | 8.25 | 7.96 | 7.14 | 5.88 | 6.20 |
| Saxony-Anhalt | 9.26 | 8.56 | 7.82 | 5.19 | 5.03 |
| Thuringia | 9.64 | 8.30 | 7.18 | 6.65 | 6.61 |
| **Total** | **8.08** | **7.17** | **7.28** | **6.42** | **6.42** |

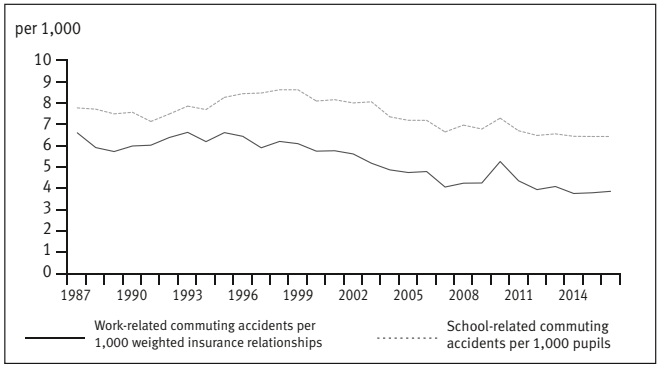
[1] Public sector accident insurance institution spanning two Länder

Figure 6:
**Reportable accidents at work [1] and school [2]**



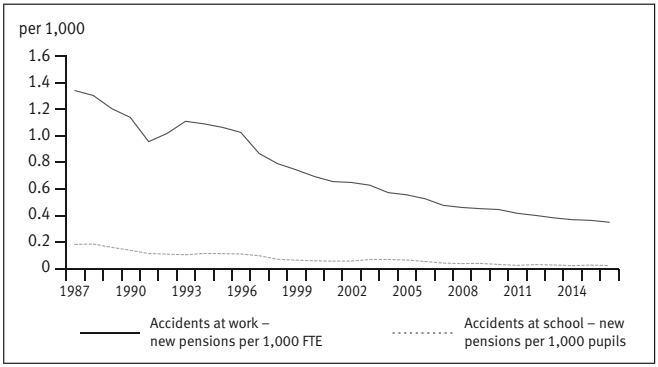

[1] Accidents at work which are either fatal or lead to an incapacity to work for more than three days.
[2] Accidents at school (including day care) which are either fatal or lead to medical attention.

Figure 7:
**Reportable work [1]- and school [2]-related commuting accidents**



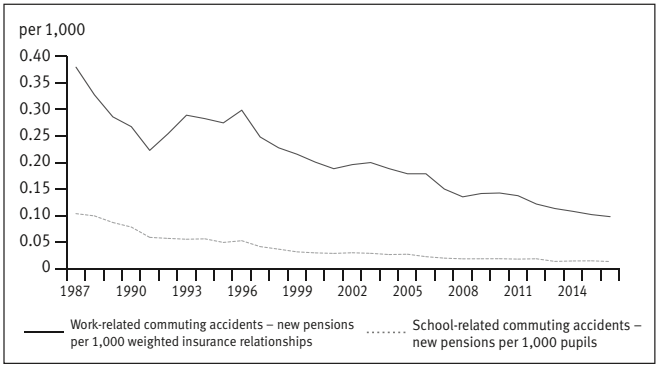

[1] Accidents on the way to or from work which are either fatal or lead to an incapacity to work for more than three days.
[2] Accidents on the way to or from school (including day care) which are either fatal or lead to medical attention.

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 [1]**
**– absolute figures –**

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

[1] Serious cases for which a pension, lump-sum payment or death grant was paid for the first time in the year under review
[2] See note on p. 7 for interpretation
[3] With the introduction of SGB VII (1997), the pension criteria has changed; the minimum time period for limited earning capacity has extended from 13 to 26 weeks until monetary compensation was paid

Table 10a:

**School-related accidents – new pensions [1]**
**– absolute figures –**

| Year | Accidents at school | School commuting accidents | Total |
|---|---|---|---|
| 1987 | 2,265 | 1,255 | 3,520 |
| 1988 | 2,272 | 1,189 | 3,461 |
| 1989 | 1,961 | 1,034 | 2,995 |
| 1990 | 1,710 | 935 | 2,645 |
| 1991 [2] | 1,762 | 873 | 2,635 |
| 1992 [2] | 1,806 | 899 | 2,705 |
| 1993 [2] | 1,764 | 893 | 2,657 |
| 1994 | 1,944 | 915 | 2,859 |
| 1995 | 1,935 | 810 | 2,745 |
| 1996 | 1,926 | 882 | 2,808 |
| 1997 [3] | 1,784 | 725 | 2,509 |
| 1998 | 1,333 | 644 | 1,977 |
| 1999 | 1,204 | 552 | 1,756 |
| 2000 | 1,107 | 512 | 1,619 |
| 2001 | 1,074 | 498 | 1,572 |
| 2002 | 1,081 | 520 | 1,601 |
| 2003 | 1,276 | 500 | 1,776 |
| 2004 | 1,288 | 459 | 1,747 |
| 2005 | 1,209 | 469 | 1,678 |
| 2006 | 1,021 | 390 | 1,411 |
| 2007 | 799 | 339 | 1,138 |
| 2008 | 733 | 311 | 1,044 |
| 2009 | 751 | 314 | 1,065 |
| 2010 | 619 | 317 | 936 |
| 2011 | 505 | 303 | 808 |
| 2012 | 601 | 315 | 916 |
| 2013 | 542 | 230 | 772 |
| 2014 | 472 | 244 | 716 |
| 2015 | 541 | 248 | 789 |
| 2016 | 479 | 228 | 707 |

[1] Serious cases for which a pension, lump-sum payment or death grant was paid for the first time in the year under review
[2] See note on p. 7 for interpretation
[3] With the introduction of SGB VII (1997), the pension criteria has changed; the minimum time period for limited earning capacity has extended from 13 to 26 weeks until monetary compensation was paid

Table 11:

**Work-related accidents – new pensions**
**– per 1,000 FTE/weighted insurance relationships –**

| Year | Accidents at work | | Commuting accidents per 1,000 weighted insurance relationships |
|---|---|---|---|
| | Per 1,000 full time equivalent employees | Per one million hours worked | |
| 1987 | 1.342 | 0.829 | 0.379 |
| 1988 | 1.306 | 0.805 | 0.327 |
| 1989 | 1.207 | 0.749 | 0.286 |
| 1990 | 1.141 | 0.718 | 0.267 |
| 1991 [1] | 0.959 | 0.603 | 0.223 |
| 1992 [1] | 1.021 | 0.631 | 0.254 |
| 1993 [1] | 1.112 | 0.717 | 0.289 |
| 1994 | 1.093 | 0.697 | 0.282 |
| 1995 | 1.066 | 0.676 | 0.274 |
| 1996 | 1.028 | 0.668 | 0.298 |
| 1997 [2] | 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 |

[1] See note on p. 7 for interpretation
[2] With the introduction of SGB VII (1997), the pension criteria has changed; the minimum time period for limited earning capacity has extended from 13 to 26 weeks until monetary compensation was paid

Table 11a:

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

[1] See note on p. 7 for interpretation
[2] With the introduction of SGB VII (1997), the pension criteria has changed; the minimum time period for limited earning capacity has extended from 13 to 26 weeks until monetary compensation was paid

Table 12:

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

| | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| **Accident insurance in industrial sector** | **22,844** | **17,494** | **15,336** | **13,362** | **13,092** |
| 101 BG for the raw materials and chemical industry | 1,344 | 1,003 | 774 | 591 | 603 |
| 102 BG for the wood-working and metal-working industries | 4,128 | 3,000 | 2,578 | 2,086 | 1,975 |
| 103 BG for the energy, textile, electrical and media products sectors | 1,698 | 1,567 | 1,491 | 1,151 | 1,105 |
| 104 BG for the building trade | 5,819 | 3,419 | 2,518 | 2,681 | 2,605 |
| 105 BG for the foodstuffs and catering industry | 1,609 | 1,228 | 1,039 | 722 | 759 |
| 106 BG for the trade and logistics industry | 2,620 | 2,154 | 1,899 | 1,575 | 1,561 |
| 107 BG for the Transport industry, postal logistics and telecommunications | 2,338 | 1,825 | 1,680 | 1,391 | 1,368 |
| 108 BG for the administrative sector | 2,374 | 2,298 | 2,380 | 2,273 | 2,276 |
| 109 BG for the health and welfare services | 914 | 1,000 | 977 | 892 | 840 |
| **Accident insurance in public sector (General AI)** | **2,059** | **1,743** | **1,228** | **1,098** | **1,040** |
| **Total** | **24,903** | **19,237** | **16,564** | **14,460** | **14,132** |
| **Pupil accident insurance** | | | | | |
| *Accidents at school – new pensions* | *1,107* | *1,209* | *619* | *541* | *479* |



Table 12a:

## Accidents at school –new pensions by region – absolute figures –

| | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| Baden–Württemberg | 93 | 109 | 47 | 65 | 47 |
| Bavaria | 111 | 102 | 141 | 57 | 53 |
| Berlin | 88 | 40 | 13 | 9 | 16 |
| Brandenburg | 98 | 57 | 37 | 13 | 15 |
| Bremen | 9 | 5 | 2 | 1 | 4 |
| Hamburg/ Schleswig-Holstein[1] | 36 | 31 | 25 | 13 | 15 |
| Hesse | 75 | 42 | 35 | 39 | 37 |
| Mecklenburg-Vorpommern | 26 | 15 | 10 | 2 | 7 |
| Lower Saxony | 78 | 44 | 70 | 48 | 35 |
| North Rhine-Westphalia | 297 | 454 | 140 | 212 | 162 |
| Rhineland-Palatinate | 21 | 29 | 17 | 26 | 12 |
| Saarland | 13 | 9 | 9 | 0 | 4 |
| Saxony | 38 | 132 | 40 | 33 | 40 |
| Saxony-Anhalt | 70 | 43 | 15 | 17 | 17 |
| Thuringia | 54 | 97 | 18 | 6 | 15 |
| **Total** | **1,107** | **1,209** | **619** | **541** | **479** |

[1] Public sector accident insurance institution spanning two Länder

Table 13:

## Accidents at work – new pensions by sector and BG – per 1,000 FTE/pupils –

| | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| **Accident insurance in industrial sector** | **0.734** | **0.589** | **0.479** | **0.388** | **0.375** |
| 101 BG for the raw materials and chemical industry | 0.966 | 0.809 | 0.656 | 0.487 | 0.492 |
| 102 BG for the woodworking and metalworking industries | 0.946 | 0.758 | 0.671 | 0.510 | 0.494 |
| 103 BG for the energy, textile, electrical and media products sectors | 0.485 | 0.499 | 0.515 | 0.375 | 0.362 |
| 104 BG for the building trade | 2.136 | 1.852 | 1.423 | 1.454 | 1.374 |
| 105 BG for the foodstuffs and catering industry | 0.787 | 0.649 | 0.572 | 0.373 | 0.383 |
| 106 BG for the trade and logistics industry | 0.713 | 0.582 | 0.508 | 0.351 | 0.341 |
| 107 BG for the Transport industry, postal logistics and telecommunications | 1.368 | 1.138 | 1.006 | 0.847 | 0.823 |
| 108 BG for the administrative sector | 0.274 | 0.259 | 0.215 | 0.196 | 0.192 |
| 109 BG for the health and welfare services | 0.302 | 0.290 | 0.239 | 0.197 | 0.178 |
| **Accident insurance in public sector (General AI)** | **0.443** | **0.370** | **0.251** | **0.220** | **0.203** |
| **Total** | **0.696** | **0.559** | **0.448** | **0.367** | **0.353** |
| **Pupil accident insurance** *Accidents at school – new pensions per 1,000 pupils* | *0.064* | *0.070* | *0.036* | *0.032* | *0.028* |

Table 14:

## Commuting accidents – new pensions by sector and BG – absolute figures –

| | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| **Accident insurance in industrial sector** | **7,020** | **6,153** | **5,334** | **4,187** | **4,130** |
| 101 BG for the raw materials and chemical industry | 387 | 316 | 245 | 188 | 217 |
| 102 BG for the woodworking and metalworking industries | 1,194 | 933 | 787 | 629 | 585 |
| 103 BG for the energy, textile, electrical and media products sectors | 774 | 698 | 588 | 430 | 412 |
| 104 BG for the building trade | 769 | 462 | 385 | 291 | 271 |
| 105 BG for the foodstuffs and catering industry | 579 | 488 | 409 | 328 | 271 |
| 106 BG for the trade and logistics industry | 1,011 | 979 | 732 | 589 | 583 |
| 107 BG for the Transport industry, postal logistics and telecommunications | 307 | 270 | 225 | 158 | 145 |
| 108 BG for the administrative sector | 1,186 | 1,108 | 1,141 | 925 | 920 |
| 109 BG for the health and welfare services | 813 | 899 | 822 | 649 | 726 |
| **Accident insurance in public sector (General AI)** | **1,062** | **848** | **742** | **622** | **586** |
| **Total** | **8,082** | **7,001** | **6,076** | **4,809** | **4,716** |
| **Pupil accident insurance** *School commuting accidents – new pensions* | *512* | *469* | *317* | *248* | *228* |

Table 14a:

**School commuting accidents – new pensions by region – absolute figures –**

| | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| Baden–Württemberg | 54 | 57 | 43 | 38 | 38 |
| Bavaria | 68 | 44 | 55 | 36 | 32 |
| Berlin | 20 | 9 | 6 | 2 | 4 |
| Brandenburg | 34 | 18 | 14 | 6 | 10 |
| Bremen | 6 | 1 | 3 | 1 | - |
| Hamburg/ Schleswig-Holstein [1] | 21 | 19 | 9 | 10 | 9 |
| Hesse | 33 | 32 | 19 | 18 | 19 |
| Mecklenburg-Vorpommern | 16 | 8 | 3 | 1 | 3 |
| Lower Saxony | 30 | 41 | 49 | 45 | 29 |
| North Rhine-Westphalia | 120 | 133 | 56 | 61 | 50 |
| Rhineland-Palatinate | 27 | 14 | 13 | 4 | 3 |
| Saarland | 7 | 5 | 4 | 1 | 2 |
| Saxony | 22 | 42 | 25 | 12 | 23 |
| Saxony-Anhalt | 31 | 24 | 9 | 10 | 3 |
| Thuringia | 23 | 22 | 9 | 3 | 3 |
| **Total** | **512** | **469** | **317** | **248** | **228** |

[1] 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 –**

| | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| **Accident insurance in industrial sector** | **0.199** | **0.181** | **0.143** | **0.102** | **0.099** |
| 101 BG for the raw materials and chemical industry | 0.268 | 0.247 | 0.200 | 0.133 | 0.151 |
| 102 BG for the wood-working and metal-working industries | 0.269 | 0.226 | 0.184 | 0.133 | 0.122 |
| 103 BG for the energy, textile, electrical and media products sectors | 0.208 | 0.205 | 0.161 | 0.111 | 0.108 |
| 104 BG for the building trade | 0.209 | 0.173 | 0.145 | 0.106 | 0.096 |
| 105 BG for the foodstuffs and catering industry | 0.168 | 0.147 | 0.123 | 0.091 | 0.073 |
| 106 BG for the trade and logistics industry | 0.240 | 0.234 | 0.175 | 0.110 | 0.106 |
| 107 BG for the Transport industry, postal logistics and tele-communications | 0.176 | 0.165 | 0.132 | 0.094 | 0.085 |
| 108 BG for the administrative sector | 0.149 | 0.135 | 0.113 | 0.088 | 0.086 |
| 109 BG for the health and welfare services | 0.174 | 0.172 | 0.132 | 0.092 | 0.100 |
| **Accident insurance in public sector (General AI)** | **0.212** | **0.167** | **0.138** | **0.098** | **0.090** |
| **Total** | **0.200** | **0.179** | **0.142** | **0.102** | **0.098** |
| **Pupil accident insurance** *School commuting accidents – new pensions per 1,000 pupils* | *0.029* | *0.027* | *0.019* | *0.014* | *0.013* |

Table 16:

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

| Year | Accidents at work | Commuting accidents | Total |
|---|---|---|---|
| 1987 | 1,168 | 706 | 1,874 |
| 1988 | 1,242 | 730 | 1,972 |
| 1989 | 1,185 | 728 | 1,913 |
| 1990 | 1,208 | 694 | 1,902 |
| 1991 [1] | 1,160 | 713 | 1,873 |
| 1992 [1] | 1,443 | 884 | 2,327 |
| 1993 [1] | 1,543 | 921 | 2,464 |
| 1994 [2] | 1,372 | 928 | 2,300 |
| 1995 | 1,326 | 911 | 2,237 |
| 1996 | 1,273 | 822 | 2,095 |
| 1997 | 1,119 | 857 | 1,976 |
| 1998 | 1,040 | 780 | 1,820 |
| 1999 | 1,070 | 830 | 1,900 |
| 2000 | 918 | 794 | 1,712 |
| 2001 | 870 | 743 | 1,613 |
| 2002 | 857 | 659 | 1,516 |
| 2003 | 821 | 680 | 1,501 |
| 2004 | 714 | 560 | 1,274 |
| 2005 | 656 | 552 | 1,208 |
| 2006 | 711 | 535 | 1,246 |
| 2007 | 619 | 503 | 1,122 |
| 2008 | 572 | 458 | 1,030 |
| 2009 | 456 | 362 | 818 |
| 2010 | 519 | 367 | 886 |
| 2011 | 498 | 394 | 892 |
| 2012 | 500 | 386 | 886 |
| 2013 | 455 | 317 | 772 |
| 2014 | 483 | 322 | 805 |
| 2015 | 470 | 348 | 818 |
| 2016 | 424 | 311 | 735 |

[1] See note on p. 7 for interpretation
[2] 1993 and earlier: new fatal accident pensions
Since 1994: death with the year under review and within 30 days following the accident

Table 16a:

**Fatal school-related accidents**
**– absolute figures –**

| Year | Accidents at school | School commuting accidents | Total |
|---|---|---|---|
| 1987 | 21 | 112 | 133 |
| 1988 | 19 | 106 | 125 |
| 1989 | 19 | 69 | 88 |
| 1990 | 6 | 65 | 71 |
| 1991 [1] | 14 | 75 | 89 |
| 1992 [1] | 16 | 114 | 130 |
| 1993 [1] | 14 | 91 | 105 |
| 1994 [2] | 13 | 112 | 125 |
| 1995 | 25 | 107 | 132 |
| 1996 | 18 | 115 | 133 |
| 1997 | 20 | 120 | 140 |
| 1998 | 18 | 119 | 137 |
| 1999 | 22 | 120 | 142 |
| 2000 | 19 | 93 | 112 |
| 2001 | 14 | 106 | 120 |
| 2002 | 14 | 97 | 111 |
| 2003 | 13 | 121 | 134 |
| 2004 | 6 | 79 | 85 |
| 2005 | 9 | 72 | 81 |
| 2006 | 11 | 54 | 65 |
| 2007 | 5 | 57 | 62 |
| 2008 | 8 | 68 | 76 |
| 2009 | 14 | 45 | 59 |
| 2010 | 6 | 50 | 56 |
| 2011 | 7 | 70 | 77 |
| 2012 | 8 | 48 | 56 |
| 2013 | 6 | 37 | 43 |
| 2014 | 6 | 36 | 42 |
| 2015 | 21 | 40 | 61 |
| 2016 | 10 | 31 | 41 |

[1] See note on p. 7 for interpretation
[2] 1993 and earlier: new fatal accident pensions
Since 1994: death with the year under review and within 30 days following the accident

Table 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 | |
| 1987 | 0.044 | 0.027 | 0.025 |
| 1988 | 0.046 | 0.028 | 0.025 |
| 1989 | 0.042 | 0.026 | 0.024 |
| 1990 | 0.042 | 0.026 | 0.022 |
| 1991 [1] | 0.033 | 0.021 | 0.018 |
| 1992 [1] | 0.041 | 0.025 | 0.022 |
| 1993 [1] | 0.044 | 0.028 | 0.023 |
| 1994 [2] | 0.039 | 0.025 | 0.024 |
| 1995 | 0.037 | 0.024 | 0.023 |
| 1996 | 0.035 | 0.023 | 0.021 |
| 1997 | 0.031 | 0.020 | 0.021 |
| 1998 | 0.029 | 0.019 | 0.020 |
| 1999 | 0.030 | 0.019 | 0.021 |
| 2000 | 0.026 | 0.017 | 0.020 |
| 2001 | 0.024 | 0.016 | 0.019 |
| 2002 | 0.025 | 0.016 | 0.017 |
| 2003 | 0.024 | 0.016 | 0.018 |
| 2004 | 0.020 | 0.013 | 0.014 |
| 2005 | 0.019 | 0.012 | 0.014 |
| 2006 | 0.020 | 0.013 | 0.013 |
| 2007 | 0.017 | 0.011 | 0.012 |
| 2008 | 0.016 | 0.010 | 0.011 |
| 2009 | 0.013 | 0.008 | 0.009 |
| 2010 | 0.014 | 0.009 | 0.009 |
| 2011 | 0.013 | 0.008 | 0.009 |
| 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 |

[1] See note on p. 7 for interpretation
[2] 1993 and earlier: new fatal accident pensions
Since 1994: death with the year under review and within 30 days following the accident

Table 18:

**Fatal accidents at work by sector and BG**
**– absolute figures –**

| | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| **Accident insurance in industrial sector** | **831** | **589** | **493** | **428** | **393** |
| 101 BG for the raw materials and chemical industry | 39 | 28 | 23 | 24 | 23 |
| 102 BG for the wood-working and metal-working industries | 93 | 90 | 51 | 52 | 46 |
| 103 BG for the energy, textile, electrical and media products sectors | 66 | 52 | 34 | 25 | 33 |
| 104 BG for the building trade | 189 | 113 | 103 | 86 | 73 |
| 105 BG for the foodstuffs and catering industry | 52 | 23 | 23 | 14 | 7 |
| 106 BG for the trade and logistics industry | 91 | 64 | 59 | 33 | 39 |
| 107 BG for the Transport industry, postal logistics and tele-communications | 205 | 133 | 117 | 103 | 83 |
| 108 BG for the administrative sector | 75 | 70 | 70 | 75 | 82 |
| 109 BG for the health and welfare services | 21 | 16 | 13 | 16 | 7 |
| **Accident insurance in public sector (General AI)** | **87** | **67** | **26** | **42** | **31** |
| **Total** | **918** | **656** | **519** | **470** | **424** |
| *Fatal accidents at school* | *19* | *9* | *6* | *21* | *10* |

Table 19:

**Fatal commuting accidents by sector and BG**
**– absolute figures –**

| | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| **Accident insurance in industrial sector** | **725** | **498** | **340** | **310** | **284** |
| 101 BG for the raw materials and chemical industry | 32 | 21 | 16 | 13 | 16 |
| 102 BG for the wood-working and metal-working industries | 147 | 91 | 51 | 67 | 57 |
| 103 BG for the energy, textile, electrical and media products sectors | 88 | 61 | 38 | 26 | 23 |
| 104 BG for the building trade | 107 | 40 | 41 | 32 | 25 |
| 105 BG for the foodstuffs and catering industry | 65 | 52 | 31 | 22 | 28 |
| 106 BG for the trade and logistics industry | 79 | 77 | 46 | 43 | 33 |
| 107 BG for the Transport industry, postal logistics and tele-communications | 36 | 27 | 16 | 16 | 19 |
| 108 BG for the administrative sector | 111 | 85 | 61 | 55 | 50 |
| 109 BG for the health and welfare services | 60 | 44 | 40 | 36 | 33 |
| **Accident insurance in public sector (General AI)** | **69** | **54** | **27** | **38** | **27** |
| **Total** | **794** | **552** | **367** | **348** | **311** |
| *Fatal school commuting accidents* | *93* | *72* | *50* | *40* | *31* |

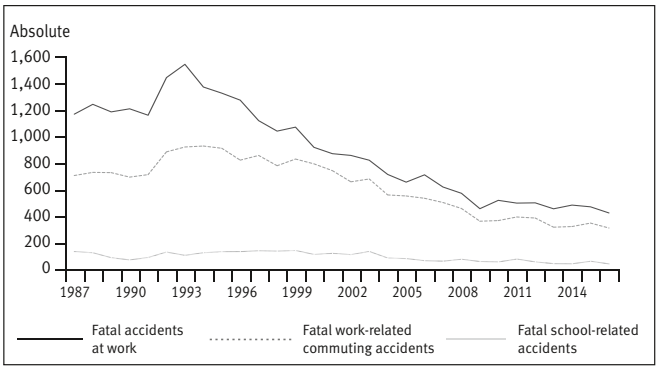
Table 19a:

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

| | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| Baden–Württemberg | 15 | 8 | 11 | 6 | 3 |
| Bavaria | 10 | 16 | 13 | 7 | 3 |
| Berlin | – | 3 | – | – | 4 |
| Brandenburg | 6 | 3 | 1 | 4 | – |
| Bremen | 1 | – | – | – | – |
| Hamburg/ Schleswig-Holstein[1] | 2 | 5 | 4 | – | 3 |
| Hesse | 11 | 3 | 4 | 3 | 4 |
| Mecklenburg-Vorpommern | 10 | 3 | – | – | – |
| Lower Saxony | 13 | 7 | 5 | 8 | 6 |
| North Rhine-Westphalia | 24 | 12 | 8 | 24 | 8 |
| Rhineland-Palatinate | 1 | 4 | 1 | 4 | 6 |
| Saarland | 1 | 1 | 1 | – | – |
| Saxony | 9 | 7 | 4 | 3 | 1 |
| Saxony-Anhalt | 4 | 5 | 3 | – | – |
| Thuringia | 5 | 4 | 1 | 2 | 3 |
| **Total** | **112** | **81** | **56** | **61** | **41** |

[1] Public sector accident insurance institution spanning two Länder

Figure 10:
**Fatal accidents**




* see note on p. 7 for interpretation

Table 20a:

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

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

[1] see footnote on p. 51

[2] Since January 1, 2015: added to the annex to the German ordinance on occupational diseases



| No. | Occupational diseases |
|---|---|
| 1319 | Laryngeal cancer caused by intensive and multiyear exposure to mists and vapours from sulphuric acid [2] |
| | **2 Diseases caused by physical impact** |
| | **21 Mechanical impact** |
| 2101 | Diseases of the tendon sheaths or diseases of the peritendinous tissue or of the insertions of tendons or muscles [1] |
| 2102 | Meniscus lesions caused by excessive physical load on the knee joints either sustained or repeated over several years |
| 2103 | Diseases caused by vibration during work with pneumatic or similar tools or machines |
| 2104 | Circulatory disturbances of the hands caused by vibration [1] |
| 2105 | Chronic diseases of the mucous bursae caused by constant pressure |
| 2106 | Pressure-induced nerve damage |
| 2107 | Strain fracture of the spinous processes |
| 2108 | Disc-related diseases of the lumbar spine caused by the lifting or carrying of heavy loads over many years or by performance of work in an extremely bent posture over many years [1] |
| 2109 | Disc-related diseases of the cervical spine caused by the carrying of heavy loads on the shoulder over many years [1] |
| 2110 | Disc-related diseases of the lumbar spine caused by the predominately vertical impact of whole-body vibration in a seated position over many years [1] |
| 2111 | Excessive dental abrasion caused by silica dust exposure over several years |
| 2112 | Osteoarthritis of the knee caused by kneeling or comparable knee straining activities with a cumulative exposure period in the whole working life at least of 13,000 hours and a minimum exposure time per shift of 1 hour |
| 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 [2] |
| 2114 | Vascular damage of the hand by percussion-like force effect (Hypothenar Hammer Syndrome and Thenar Hammer Syndrome) [2] |
| | **22 Compressed air** |
| 2201 | Diseases caused by work in compressed air |
| | **23 Noise** |
| 2301 | Hearing impairment caused by noise |

[1] see footnote on p. 51

[2] Since January 1, 2015: added to the annex to the German ordinance on occupational diseases

| No. | Occupational diseases |
|---|---|
| | **24 Radiation** |
| 2401 | Cataract caused by heat radiation |
| 2402 | Diseases caused by ionizing radiation |
| | **3 Diseases caused by infectious agents or parasites including tropical diseases** |
| 3101 | Infectious diseases in cases where the insured person worked in health care, welfare or laboratories or was particularly exposed to a similar risk of infection in the context of another activity |
| 3102 | Diseases transmitted to humans by animals |
| 3103 | Miner's vermination caused by Ancylostoma duodenale (ancylostomiasis) or Strongyloides stercoralis (strongyloidiasis) |
| 3104 | Tropical diseases, typhus |
| | **4 Diseases of the respiratory tract, lungs, pleura and peritoneum** |
| | **41 Diseases caused by inorganic dust** |
| 4101 | Silicosis |
| 4102 | Silicosis combined with active pulmonary tuberculosis (silicotuberculosis) |
| 4103 | Asbestosis or diseases of the pleura caused by asbestos dust |
| 4104 | Lung or larynx cancer<br>– combined with asbestosis<br>– combined with diseases of the pleura caused by asbestos dust or<br>– if there is evidence of cumulative exposure to asbestos dust in the workplace of at least 25 fibre years {25*10$^6$ [(fibre/m$^3$) * years]} |
| 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 |

[1] see footnote on p. 51

[2] Since January 1, 2015: added to the annex to the German ordinance on occupational diseases



| No. | Occupational diseases |
|---|---|
| 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$^3$) * years] |
| 4112 | Lung cancer caused by silica dust where there is accompanying silicosis or silicotuberculosis |
| 4113 | Lung cancer caused by polycyclic aromatic hydrocarbons if there is evidence of exposure to a cumulative dose of generally 100 Benzo[a]pyren years [(µg/m$^3$) x years] |
| 4114 | Lung cancer caused by simultaneous exposure to asbestos fiber dust and polycyclic aromatic hydrocarbons if there is evidence of exposure to a cumulative dose corresponding to a causative probability of at least 50 % according to annex 2 |
| 4115 | Lung fibrosis caused by extreme and longlasting exposure to welding fumes and gases (Siderofibrosis) |
| | **42 Diseases caused by organic dust** |
| 4201 | Exogenic allergic alveolitis |
| 4202 | Diseases of the lower respiratory tract and the lungs caused by raw cotton, raw flax or raw hemp dust (byssinosis) |
| 4203 | Adenocarcinoma of the nasal cavaties and sinuses caused by beech or oak wood dust |
| | **43 Obstructive diseases of the respiratory tract** |
| 4301 | Obstructive diseases of the respiratory tract (including rhinopathy) caused by allergic agents [1] |
| 4302 | Obstructive diseases of the respiratory tract caused by chemical irritants or agents with a toxic effect [1] |
| | **5 Skin diseases** |
| 5101 | Severe or recurrent skin diseases [1] |
| 5102 | Skin cancer or skin alterations showing a cancerous 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 [2] |
| | **6 Diseases caused by other factors** |
| 6101 | Miner´s nystagmus |

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

[2] Since January 1, 2015: added to the annex to the German ordinance on occupational diseases

Table 20b:

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

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

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

Table 21:

**Decided cases**

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | Change from 2015 to 2016 absolut | Change from 2015 to 2016 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Occupational causation confirmed** | **23,019** | **23,663** | **23,028** | **25,570** | **31,219** | **34,573** | **35,293** | **36,202** | **36,754** | **37,149** | **40,056** | **+ 2,907** | **+ 7.8** |
| of which ■ Recognized cases of occupational disease [1] | 14,156 | 13,383 | 12,972 | 16,078 | 15,461 | 15,262 | 15,291 | 15,656 | 16,112 | 16,802 | 20,539 | + 3,737 | + 22.2 |
| *of witch: new pensions* | *4,781* | *4,123* | *4,312* | *6,643* | *6,123* | *5,407* | *4,924* | *4,815* | *5,155* | *5,049* | *5,365* | *+ 316* | *+ 6.3* |
| ■ Cases with absence of additionally required insurance characteristics [2] | 8,863 | 10,280 | 10,056 | 9,492 | 15,758 | 19,311 | 20,002 | 20,546 | 20,642 | 20,347 | 19,517 | – 830 | – 4.1 |
| **Occupational causation not confirmed** | **38,040** | **35,980** | **36,440** | **37,132** | **37,967** | **37,165** | **36,096** | **36,725** | **38,425** | **38,941** | **39,973** | **+ 1,032** | **+ 2.7** |
| **Total number of decided cases** | **61,059** | **59,643** | **59,468** | **62,702** | **69,186** | **71,738** | **71,389** | **72,927** | **75,179** | **76,090** | **80,029** | **+ 3,939** | **+ 5.2** |

[1] The increase is partly due to new occupational diseases, which were added on January 1, 2015.

[2] The reason for the increase from 2010 is the improvement of the documentation § 3 of the German Ordinance on Occupational Diseases step 1 of the phased procedure “skin”.

Table 22:

**Occupational diseases (OD) in 2016 by subgroups of diseases; summary**

| Group | Sub-Group | Disease | Notifications of a suspected case of OD | Fatalities due to OD | Decided cases | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Total | Occupational causation confirmed | | | | Occupational causation not confirmed |
| | | | | | | Total | Recognized cases of OD | | Cases with absence of additionally required insurance characteristics | |
| | | | | | | | Total | *Of which* new pensions | | |
| **1** | | **Conditions due to chemical agents** | **3,800** | **174** | **3,864** | **722** | **705** | **557** | **17** | **3,142** |
| | 11 | Metals and metalloids | 372 | 8 | 360 | 39 | 39 | 31 | – | 321 |
| | 12 | Asphyraxiating gases | 82 | 1 | 68 | 39 | 39 | – | – | 29 |
| | 13 | Solvents, pesticides and other chemical substances | 3,346 | 165 | 3,436 | 644 | 627 | 526 | 17 | 2,792 |
| **2** | | **Conditions due to physical agents** | **23,395** | **28** | **24,661** | **8,427** | **8,307** | **876** | **120** | **16,234** |
| | 21 | Mechanical agents | 10,683 | – | 11,874 | 1,537 | 1,417 | 605 | 120 | 10,337 |
| | 22 | Compressed air | 3 | – | 1 | – | – | – | – | 1 |
| | 23 | Noise | 12,367 | – | 12,433 | 6,850 | 6,850 | 237 | – | 5,583 |
| | 24 | Radiation | 342 | 28 | 353 | 40 | 40 | 34 | – | 313 |
| **3** | | **Diseases caused by infective agents or parasites including tropical diseases** | **2,958** | **17** | **2,736** | **1,257** | **1,257** | **50** | **–** | **1,479** |
| **4** | | **Conditions of the respiratory passages and the lungs, the pleura and the peritoneum** | **15,201** | **2,285** | **17,186** | **6,175** | **5,903** | **3,375** | **272** | **11,011** |
| | 41 | Conditions caused by inorganic dust | 11,935 | 2,209 | 13,392 | 5,230 | 5,230 | 3,069 | – | 8,162 |
| | 42 | Conditions caused by organic dust | 232 | 35 | 245 | 89 | 89 | 64 | – | 156 |
| | 43 | Conditions related to obstruction of the respiratory tract | 3,034 | 41 | 3,549 | 856 | 584 | 242 | 272 | 2,693 |
| **5** | | **Skin diseases** | **28,881** | **3** | **30,260** | **23,423** | **4,315** | **478** | **19,108** | **6,837** |
| **6** | | **Miner's nystagmus** | **3** | **–** | **–** | **–** | **–** | **–** | **–** | **–** |
| | | **GDR–OD**[1] | **–** | **29** | **57** | **7** | **7** | **7** | **–** | **50** |
| | | **Other diseases** | **1,253** | **37** | **1,265** | **45** | **45** | **22** | **–** | **1,220** |
| | | **Total** | **75,491** | **2,573** | **80,029** | **40,056** | **20,539** | **5,365** | **19,517** | **39,973** |

[1] Cases in acc. with GDR OD ordinance

Table 23:

**Occupational diseases (OD) in 2016 as contained in the appendix of the former GDR ordinance**

| Group of occupational diseases | Fatalities due to OD | Occupational causation confirmed | | | | | |
|---|---|---|---|---|---|---|---|
| | | Total | Decides cases | | | | Occupational causation not confirmed |
| | | | Total | Recognized cases of OD | | Cases with absence of additionally required insurance characteristics | |
| | | | | Total | *Of which* new pensions | | |
| Diseases caused by chemical agents | 1 | – | – | – | – | – | – |
| Diseases caused by dust | 19 | 8 | 6 | 6 | 6 | – | 2 |
| Diseases caused by physical agents | – | 44 | – | – | – | – | 44 |
| Diseases caused by infective agents and parasites | 1 | – | – | – | – | – | – |
| Diseases caused by continued mechanical strain on the locomotor system | – | 3 | – | – | – | – | 3 |
| Diseases caused by various agents | 4 | 2 | 1 | 1 | 1 | – | 1 |
| Work–related malignant neoplasms | 2 | – | – | – | – | – | – |
| OD No. unknown | – | – | – | – | – | – | – |
| Extraordinary ruling [1] | 2 | – | – | – | – | – | – |
| **Total** | **29** | **57** | **7** | **7** | **7** | **–** | **50** |

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

Table 24:

**Notifications of suspected cases of occupational disease**

| OD No. | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| 1101 | 101 | 78 | 61 | 49 | 65 |
| 1102 | 50 | 30 | 23 | 29 | 24 |
| 1103 | 100 | 114 | 110 | 151 | 166 |
| 1104 | 18 | 16 | 21 | 23 | 23 |
| 1105 | 5 | 5 | 5 | 13 | 10 |
| 1106 | 1 | 1 | 1 | 2 | – |
| 1107 | 1 | – | – | 2 | 2 |
| 1108 | 27 | 19 | 23 | 17 | 46 |
| 1109 | 9 | 7 | 7 | 7 | 7 |
| 1110 | 14 | 7 | 18 | 32 | 29 |
| 1201 | 86 | 150 | 130 | 38 | 78 |
| 1202 | 13 | 16 | 11 | 3 | 4 |
| 1301 | 345 | 633 | 1,138 | 1,334 | 1,336 |
| 1302 | 401 | 307 | 365 | 276 | 233 |
| 1303 | 376 | 376 | 87 | 54 | 54 |
| 1304 | 50 | 25 | 17 | 8 | 12 |
| 1305 | 7 | 6 | 4 | 5 | 7 |
| 1306 | 22 | 11 | 4 | 8 | 3 |
| 1307 | 10 | 14 | 6 | 8 | 8 |
| 1308 | 16 | 17 | 8 | 6 | 9 |
| 1309 | 4 | 4 | 1 | 1 | 3 |
| 1310 | 60 | 37 | 22 | 14 | 17 |
| 1311 | 4 | 2 | – | 1 | 2 |
| 1312 | 353 | 134 | 128 | 62 | 61 |
| 1313 | 3 | – | 1 | 1 | 1 |
| 1314 | 1 | 3 | 2 | 2 | 1 |
| 1315 | 91 | 99 | 119 | 103 | 130 |
| 1316 | 22 | 33 | 22 | 11 | 17 |
| 1317 | 362 | 331 | 234 | 164 | 143 |
| 1318 | – | – | 725 | 1,261 | 1,265 |
| 1319 [1] | – | – | – | 46 | 44 |
| 2101 | 1,282 | 749 | 741 | 722 | 688 |
| 2102 | 2,359 | 1,607 | 1,411 | 1,053 | 1,003 |
| 2103 | 617 | 419 | 433 | 432 | 420 |
| 2104 | 94 | 64 | 67 | 82 | 98 |
| 2105 | 746 | 496 | 381 | 373 | 344 |
| 2106 | 131 | 87 | 82 | 98 | 71 |
| 2107 | 6 | 4 | 3 | 1 | 1 |
| 2108 | 12,401 | 5,515 | 5,114 | 5,144 | 4,759 |
| 2109 | 1,579 | 1,031 | 1,019 | 722 | 692 |
| 2110 | 669 | 300 | 217 | 167 | 158 |
| 2111 | 13 | 19 | 7 | 9 | 7 |
| 2112 | – | – | 1,804 | 1,400 | 1,385 |
| 2113 [1] | – | – | – | 1,391 | 1,009 |
| 2114 [1] | – | – | – | 59 | 48 |
| 2201 | 26 | 7 | 6 | 2 | 3 |
| 2301 | 12,220 | 9,310 | 10,979 | 11,874 | 12,367 |
| 2401 | 16 | 8 | 14 | 17 | 15 |
| 2402 | 725 | 634 | 389 | 338 | 327 |
| 3101 | 2,124 | 4,047 | 1,493 | 1,640 | 1,959 |
| 3102 | 218 | 508 | 559 | 575 | 634 |
| 3103 | 3 | – | 2 | – | – |
| 3104 | 456 | 332 | 344 | 327 | 365 |
| 4101 | 2,040 | 1,425 | 1,571 | 1,449 | 1,176 |
| 4102 | 63 | 47 | 17 | 19 | 19 |
| 4103 | 3,730 | 3,594 | 3,732 | 3,674 | 3,607 |
| 4104 | 2,783 | 2,908 | 3,709 | 4,375 | 4,368 |
| 4105 | 988 | 1,149 | 1,479 | 1,397 | 1,304 |
| 4106 | 27 | 23 | 23 | 39 | 37 |
| 4107 | 52 | 65 | 62 | 62 | 78 |
| 4108 | 3 | 3 | 1 | 3 | – |
| 4109 | 27 | 30 | 40 | 48 | 62 |
| 4110 | 51 | 31 | 37 | 25 | 39 |
| 4111 | 1,345 | 799 | 1,076 | 545 | 455 |
| 4112 | – | 124 | 205 | 326 | 307 |
| 4113 | – | – | 140 | 218 | 245 |
| 4114 | – | – | 89 | 137 | 125 |
| 4115 | – | – | 169 | 128 | 113 |
| 4201 | 73 | 67 | 102 | 140 | 140 |
| 4202 | 25 | 5 | 14 | 7 | 6 |
| 4203 | 49 | 67 | 66 | 87 | 86 |
| 4301 | 3,746 | 2,014 | 2,045 | 1,739 | 1,593 |
| 4302 | 2,000 | 1,439 | 1,564 | 1,506 | 1,441 |
| 5101 | 20,431 | 16,529 | 23,596 | 23,786 | 22,574 |
| 5102 | 50 | 61 | 202 | 256 | 206 |
| 5103 [1] | – | – | – | 5,531 | 6,101 |
| 6101 | 2 | 6 | 2 | – | 3 |
| Other | 2,307 | 1,921 | 1,978 | 1,337 | 1,253 |
| **Total** | **78,029** | **59,919** | **70,277** | **76,991** | **75,491** |

[1] Since January 1, 2015: added to the annex to the German ordinance on occupational diseases

Table 25:

**Recognized cases of occupational disease**

| OD No. | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| 1101 | 8 | 5 | 5 | 1 | 2 |
| 1102 | 5 | 2 | – | 1 | – |
| 1103 | 32 | 24 | 13 | 22 | 31 |
| 1104 | 2 | 2 | 1 | 2 | 1 |
| 1105 | 1 | – | – | – | – |
| 1106 | – | – | – | – | – |
| 1107 | – | – | – | – | – |
| 1108 | 2 | 3 | 3 | 1 | 5 |
| 1109 | 18 | 1 | 2 | – | – |
| 1110 | 1 | 1 | 3 | 4 | – |
| 1201 | 20 | 102 | 46 | 12 | 39 |
| 1202 | 3 | 7 | – | 2 | – |
| 1301 | 93 | 107 | 152 | 186 | 191 |
| 1302 | 83 | 24 | 11 | 14 | 16 |
| 1303 | 61 | 35 | 27 | 4 | 4 |
| 1304 | 1 | 2 | 1 | – | 1 |
| 1305 | – | 2 | – | – | – |
| 1306 | – | – | – | – | – |
| 1307 | 2 | 1 | – | – | – |
| 1308 | 3 | 1 | – | – | 2 |
| 1309 | – | – | – | – | – |
| 1310 | 13 | 7 | 2 | – | – |
| 1311 | 2 | – | – | – | – |
| 1312 | 10 | 2 | 1 | 2 | 3 |
| 1313 | – | – | – | – | – |
| 1314 | – | – | – | – | – |
| 1315 | 45 | 35 | 30 | 38 | 42 |
| 1316 | – | – | 1 | – | – |
| 1317 | 17 | 18 | 8 | 6 | 11 |
| 1318 | – | – | 159 | 303 | 355 |
| 1319 [1] | – | – | – | 1 | 2 |
| 2101 | 42 | 15 | 21 | 32 | 20 |
| 2102 | 334 | 277 | 176 | 228 | 232 |
| 2103 | 144 | 105 | 77 | 100 | 108 |
| 2104 | 30 | 10 | 15 | 22 | 22 |
| 2105 | 199 | 145 | 72 | 56 | 66 |
| 2106 | 13 | 18 | 9 | 16 | 14 |
| 2107 | 1 | 2 | – | – | – |
| 2108 | 353 | 179 | 392 | 413 | 443 |
| 2109 | 14 | 1 | 6 | 4 | 2 |
| 2110 | 12 | 12 | 6 | 5 | 3 |
| 2111 | 5 | 7 | 1 | 1 | 2 |
| 2112 | – | – | 28 | 200 | 223 |
| 2113 [1] | – | – | – | 102 | 253 |
| 2114 [1] | – | – | – | 16 | 29 |
| 2201 | 7 | 3 | 1 | – | – |
| 2301 | 6,696 | 5,773 | 5,606 | 6,216 | 6,850 |
| 2401 | 1 | 2 | – | 1 | 1 |
| 2402 | 204 | 226 | 104 | 41 | 39 |
| 3101 | 624 | 644 | 579 | 696 | 879 |
| 3102 | 103 | 185 | 161 | 120 | 199 |
| 3103 | – | 18 | 1 | – | – |
| 3104 | 311 | 248 | 176 | 153 | 179 |
| 4101 | 1,627 | 1,013 | 1,618 | 698 | 716 |
| 4102 | 27 | 20 | 7 | 5 | 7 |
| 4103 | 1,813 | 2,178 | 1,749 | 1,995 | 2,183 |
| 4104 | 734 | 791 | 719 | 771 | 912 |
| 4105 | 699 | 904 | 931 | 951 | 1,031 |
| 4106 | 6 | 2 | 2 | 1 | – |
| 4107 | 3 | 1 | 3 | – | 1 |
| 4108 | – | – | – | – | – |
| 4109 | 4 | 2 | 5 | 5 | 5 |
| 4110 | 17 | 12 | 21 | 11 | 4 |
| 4111 | 325 | 336 | 1,095 | 215 | 239 |
| 4112 | – | 46 | 61 | 35 | 90 |
| 4113 | – | – | 9 | 12 | 12 |
| 4114 | – | – | 15 | 33 | 22 |
| 4115 | – | – | 10 | 9 | 8 |
| 4201 | 17 | 8 | 12 | 26 | 23 |
| 4202 | – | – | – | 1 | – |
| 4203 | 39 | 42 | 48 | 53 | 66 |
| 4301 | 907 | 376 | 312 | 380 | 357 |
| 4302 | 236 | 171 | 141 | 209 | 227 |
| 5101 | 1,634 | 877 | 559 | 578 | 533 |
| 5102 | 19 | 18 | 25 | 88 | 59 |
| 5103 [1] | – | – | – | 1,485 | 3,723 |
| 6101 | – | – | 5 | – | – |
| § 9 II SGB VII | 243 | 817 | 201 | 211 | 45 |
| GDR-OD [2] | 135 | 55 | 17 | 9 | 7 |
| **Total** | **18,000** | **15,920** | **15,461** | **16,802** | **20,539** |

[1] Since January 1, 2015: added to the annex to the German ordinance on occupational diseases

[2] Cases in acc. with GDR OD ordinance

Table 26:

**New occupational disease pensions**

| OD No. | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| 1101 | 2 | 1 | 4 | – | 1 |
| 1102 | 2 | 2 | – | – | – |
| 1103 | 22 | 12 | 12 | 16 | 24 |
| 1104 | – | – | 1 | 1 | 1 |
| 1105 | – | – | – | – | – |
| 1106 | – | – | – | – | – |
| 1107 | – | – | – | – | – |
| 1108 | 1 | 2 | 3 | 1 | 5 |
| 1109 | 1 | – | – | – | – |
| 1110 | 1 | 1 | 1 | 3 | – |
| 1201 | 1 | – | – | 1 | – |
| 1202 | 2 | – | – | 1 | – |
| 1301 | 72 | 99 | 143 | 177 | 173 |
| 1302 | 13 | 18 | 9 | 8 | 11 |
| 1303 | 43 | 29 | 23 | 3 | 2 |
| 1304 | – | – | – | – | – |
| 1305 | – | – | – | – | – |
| 1306 | – | – | – | – | – |
| 1307 | 2 | – | – | – | – |
| 1308 | – | – | – | – | – |
| 1309 | – | – | – | – | – |
| 1310 | 7 | 6 | 2 | – | – |
| 1311 | – | – | – | – | – |
| 1312 | 1 | – | – | – | – |
| 1313 | – | – | – | – | – |
| 1314 | – | – | – | – | – |
| 1315 | 23 | 22 | 13 | 21 | 24 |
| 1316 | – | – | 1 | – | – |
| 1317 | 12 | 17 | 6 | 5 | 9 |
| 1318 | – | – | 151 | 266 | 307 |
| 1319 [1] | – | – | – | 1 | – |
| 2101 | 5 | 2 | 5 | 4 | 2 |
| 2102 | 142 | 77 | 57 | 77 | 84 |
| 2103 | 91 | 62 | 49 | 58 | 57 |
| 2104 | 19 | 8 | 9 | 17 | 10 |
| 2105 | 5 | 1 | 1 | 1 | 2 |
| 2106 | 4 | 9 | 2 | 2 | 5 |
| 2107 | – | – | – | – | – |
| 2108 | 135 | 118 | 237 | 254 | 275 |
| 2109 | 5 | 1 | 6 | 2 | 1 |
| 2110 | 7 | 9 | 4 | 4 | 2 |
| 2111 | – | – | – | – | – |
| 2112 | – | – | 13 | 126 | 148 |
| 2113 [1] | – | – | – | 8 | 12 |
| 2114 [1] | – | – | – | 6 | 7 |
| 2201 | 2 | – | – | – | – |
| 2301 | 806 | 508 | 389 | 306 | 237 |
| 2401 | – | – | – | – | 1 |
| 2402 | 196 | 216 | 96 | 36 | 33 |
| 3101 | 193 | 180 | 64 | 54 | 35 |
| 3102 | 15 | 14 | 5 | 6 | 11 |
| 3103 | – | 1 | – | – | – |
| 3104 | – | 4 | 2 | 2 | 4 |
| 4101 | 368 | 271 | 1,203 | 417 | 423 |
| 4102 | 24 | 19 | 6 | 5 | 6 |
| 4103 | 388 | 427 | 421 | 541 | 578 |
| 4104 | 690 | 739 | 676 | 713 | 814 |
| 4105 | 668 | 851 | 876 | 875 | 944 |
| 4106 | 2 | 2 | – | 1 | – |
| 4107 | 2 | 1 | 3 | – | 1 |
| 4108 | – | – | – | – | – |
| 4109 | 4 | 2 | 5 | 4 | 4 |
| 4110 | 16 | 12 | 20 | 11 | 3 |
| 4111 | 272 | 275 | 906 | 174 | 183 |
| 4112 | – | 34 | 58 | 28 | 79 |
| 4113 | – | – | 7 | 12 | 11 |
| 4114 | – | – | 14 | 28 | 19 |
| 4115 | – | – | 6 | 6 | 4 |
| 4201 | 11 | 3 | 6 | 18 | 12 |
| 4202 | – | – | – | 1 | – |
| 4203 | 39 | 39 | 44 | 40 | 52 |
| 4301 | 231 | 116 | 95 | 116 | 97 |
| 4302 | 172 | 129 | 106 | 140 | 145 |
| 5101 | 456 | 263 | 168 | 169 | 143 |
| 5102 | 15 | 8 | 17 | 42 | 23 |
| 5103 [1] | – | – | – | 173 | 312 |
| 6101 | – | – | 4 | – | – |
| § 9 II SGB VII | 23 | 806 | 157 | 59 | 22 |
| GDR-OD [2] | 93 | 43 | 17 | 9 | 7 |
| **Total** | **5,304** | **5,459** | **6,123** | **5,049** | **5,365** |

[1] Since January 1, 2015: added to the annex to the German ordinance on occupational diseases

[2] Cases in acc. with GDR OD ordinance

Table 27:

**Fatalities due to occupational disease**

| OD No. | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| 1101 | 1 | 1 | 1 | 1 | – |
| 1102 | – | – | – | – | – |
| 1103 | 16 | 13 | 7 | 8 | 6 |
| 1104 | 1 | – | – | – | 1 |
| 1105 | – | – | – | – | – |
| 1106 | – | – | – | – | – |
| 1107 | – | – | – | – | – |
| 1108 | 1 | 3 | – | 1 | – |
| 1109 | – | – | 1 | – | – |
| 1110 | – | – | – | 4 | 1 |
| 1201 | 2 | – | – | 1 | – |
| 1202 | – | – | – | – | 1 |
| 1301 | 25 | 16 | 32 | 26 | 30 |
| 1302 | 5 | 9 | 2 | 6 | 7 |
| 1303 | 24 | 18 | 14 | 7 | 9 |
| 1304 | – | – | – | – | – |
| 1305 | – | 1 | – | – | – |
| 1306 | – | 1 | – | 1 | – |
| 1307 | – | – | – | – | – |
| 1308 | – | – | – | – | – |
| 1309 | 1 | – | – | – | – |
| 1310 | 2 | 4 | 2 | 1 | 1 |
| 1311 | – | 1 | – | – | – |
| 1312 | – | – | – | – | – |
| 1313 | – | – | – | – | – |
| 1314 | – | – | 1 | – | – |
| 1315 | 1 | 1 | – | 3 | – |
| 1316 | – | – | – | – | – |
| 1317 | – | – | – | – | 1 |
| 1318 | – | – | 37 | 105 | 117 |
| 1319 [1] | – | – | – | – | – |
| 2101 | – | – | – | – | – |
| 2102 | – | – | – | – | – |
| 2103 | – | – | – | – | – |
| 2104 | – | – | – | – | – |
| 2105 | – | – | – | – | – |
| 2106 | – | – | – | – | – |
| 2107 | – | – | – | – | – |
| 2108 | – | – | – | – | – |
| 2109 | – | – | – | – | – |
| 2110 | – | – | – | – | – |
| 2111 | – | – | – | – | – |
| 2112 | – | – | – | – | – |
| 2113 [1] | – | – | – | – | – |

| OD No. | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| 2114 [1] | – | – | – | – | – |
| 2201 | – | – | – | – | – |
| 2301 | – | – | – | – | – |
| 2401 | – | – | – | – | – |
| 2402 | 182 | 150 | 82 | 42 | 28 |
| 3101 | 26 | 9 | 20 | 13 | 16 |
| 3102 | 1 | 3 | – | 1 | – |
| 3103 | – | – | – | – | – |
| 3104 | 1 | 3 | 2 | – | 1 |
| 4101 | 458 | 334 | 420 | 305 | 287 |
| 4102 | 30 | 11 | 4 | 7 | 2 |
| 4103 | 73 | 71 | 101 | 165 | 168 |
| 4104 | 612 | 699 | 497 | 593 | 622 |
| 4105 | 645 | 812 | 694 | 811 | 871 |
| 4106 | 2 | – | – | – | 1 |
| 4107 | 3 | 4 | – | – | – |
| 4108 | – | – | – | – | – |
| 4109 | 5 | 2 | 3 | 4 | 4 |
| 4110 | 16 | 12 | 17 | 6 | 9 |
| 4111 | 16 | 60 | 300 | 115 | 141 |
| 4112 | – | 32 | 50 | 37 | 83 |
| 4113 | – | – | 3 | 10 | 4 |
| 4114 | – | – | 3 | 11 | 15 |
| 4115 | – | – | – | 1 | 2 |
| 4201 | 3 | 3 | 6 | 1 | 7 |
| 4202 | – | 1 | – | – | 1 |
| 4203 | 19 | 14 | 22 | 16 | 27 |
| 4301 | 22 | 20 | 15 | 12 | 11 |
| 4302 | 25 | 25 | 16 | 24 | 30 |
| 5101 | 4 | – | 3 | – | – |
| 5102 | – | 1 | – | 1 | – |
| 5103 [1] | – | – | – | 1 | 3 |
| 6101 | – | – | – | – | – |
| § 9 II SGB VII | 22 | 139 | 93 | 31 | 37 |
| GDR-OD [2] | 113 | 91 | 38 | 38 | 29 |
| **Total** | **2,357** | **2,564** | **2,486** | **2,409** | **2,573** |

[1] Since January 1, 2015: added to the annex to the German ordinance on occupational diseases

[2] Cases in acc. with GDR OD ordinance

Table 28:

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

| | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| **Accident insurance in industrial sector** | **71,401** | **53,668** | **64,721** | **69,874** | **68,270** |
| 101 BG for the raw materials and chemical industry | 10,264 | 7,400 | 8,579 | 7,302 | 6,759 |
| 102 BG for the woodworking and metalworking industries | 16,453 | 12,401 | 14,707 | 15,732 | 15,139 |
| 103 BG for the energy, textile, electrical and media products sectors | 6,497 | 4,245 | 5,418 | 5,856 | 5,737 |
| 104 BG for the building trade | 13,609 | 8,986 | 10,501 | 13,613 | 13,863 |
| 105 BG for the foodstuffs and catering industry | 4,985 | 4,339 | 5,203 | 4,209 | 4,051 |
| 106 BG for the trade and logistics industry | 4,060 | 2,886 | 3,774 | 4,247 | 4,044 |
| 107 BG for the Transport industry, postal logistics and telecommunications | 1,787 | 1,445 | 1,814 | 1,965 | 1,898 |
| 108 BG for the administrative sector | 2,673 | 2,989 | 4,005 | 4,254 | 4,401 |
| 109 BG for the health and welfare services | 11,073 | 8,977 | 10,720 | 12,696 | 12,378 |
| **Accident insurance in public sector (General AI)** | **6,543** | **6,094** | **5,447** | **7,030** | **7,105** |
| **Total** | **77,944** | **59,762** | **70,168** | **76,904** | **75,375** |
| **Pupil accident insurance** | *85* | *157* | *109* | *87* | *116* |

Table 29:

## Recognized cases of occupational disease by sector and BG

| | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| **Accident insurance in industrial sector** | **16,424** | **14,930** | **14,615** | **15,658** | **18,783** |
| 101 BG for the raw materials and chemical industry | 4,007 | 3,884 | 4,362 | 2,166 | 2,489 |
| 102 BG for the woodworking and metalworking industries | 4,998 | 4,570 | 4,545 | 4,989 | 5,489 |
| 103 BG for the energy, textile, electrical and media products sectors | 1,227 | 1,288 | 1,103 | 1,353 | 1,693 |
| 104 BG for the building trade | 2,779 | 2,520 | 2,013 | 4,053 | 5,686 |
| 105 BG for the foodstuffs and catering industry | 884 | 364 | 398 | 565 | 543 |
| 106 BG for the trade and logistics industry | 556 | 424 | 361 | 692 | 645 |
| 107 BG for the Transport industry, postal logistics and telecommunications | 352 | 216 | 187 | 265 | 398 |
| 108 BG for the administrative sector | 654 | 636 | 701 | 706 | 828 |
| 109 BG for the health and welfare services | 967 | 1,028 | 945 | 869 | 1,012 |
| **Accident insurance in public sector (General AI)** | **1,572** | **984** | **839** | **1,135** | **1,730** |
| **Total** [1] | **17,996** | **15,914** | **15,454** | **16,793** | **20,513** |
| **Pupil accident insurance** | *4* | *6* | *7* | *9* | *26* |

[1] The increase is partly due to new occupational diseases, which were added on January 1, 2015.

Table 30:

**New occupational disease pensions by sector and BG**

| | 2000 | 2005 | 2010 | 2015 | 2016 |
|---|---|---|---|---|---|
| **Accident insurance in industrial sector** | **4,903** | **5,210** | **5,946** | **4,813** | **5,086** |
| 101 BG for the raw materials and chemical industry | 1,607 | 2,119 | 2,907 | 1,078 | 1,170 |
| 102 BG for the wood-working and metal-working industries | 1,252 | 1,173 | 1,284 | 1,338 | 1,387 |
| 103 BG for the energy, textile, electrical and media products sectors | 407 | 444 | 433 | 501 | 516 |
| 104 BG for the building trade | 764 | 667 | 584 | 1,044 | 1,245 |
| 105 BG for the foodstuffs and catering industry | 180 | 105 | 88 | 133 | 117 |
| 106 BG for the trade and logistics industry | 221 | 179 | 136 | 250 | 198 |
| 107 BG for the Transport industry, postal logistics and telecommunications | 89 | 65 | 69 | 90 | 90 |
| 108 BG for the administrative sector | 157 | 164 | 198 | 186 | 174 |
| 109 BG for the health and welfare services | 226 | 294 | 247 | 193 | 189 |
| **Accident insurance in public sector (General AI)** | **400** | **249** | **176** | **234** | **277** |
| **Total** | **5,303** | **5,459** | **6,122** | **5,047** | **5,363** |
| **Pupil accident insurance** | *1* | – | *1* | *2* | *2* |

Table 31:

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

| Year | Suspected cases | Recognized cases | |
|---|---|---|---|
| | | Total | *Of which* new pensions |
| 1987 | 45,781 | 7,666 | 3,577 |
| 1988 | 49,985 | 7,726 | 3,889 |
| 1989 | 52,788 | 9,448 | 4,207 |
| 1990 | 56,231 | 9,771 | 4,251 |
| 1991 [1] | 66,726 | 10,952 | 4,833 |
| 1992 [1] | 81,920 | 12,849 | 5,553 |
| 1993 [1] | 101,851 | 18,635 | 5,984 |
| 1994 | 93,296 | 20,318 | 6,835 |
| 1995 | 87,431 | 22,938 | 7,135 |
| 1996 | 90,304 | 23,212 | 7,536 |
| 1997 | 85,406 | 22,577 | 7,469 |
| 1998 | 82,376 | 19,976 | 6,072 |
| 1999 | 80,282 | 18,633 | 5,693 |
| 2000 | 78,029 | 18,000 | 5,304 |
| 2001 | 73,551 | 17,950 | 5,503 |
| 2002 | 68,196 | 17,722 | 5,443 |
| 2003 | 62,130 | 16,778 | 5,085 |
| 2004 | 60,965 | 16,784 | 5,021 |
| 2005 | 59,919 | 15,920 | 5,459 |
| 2006 | 61,457 | 14,156 | 4,781 |
| 2007 | 61,150 | 13,383 | 4,123 |
| 2008 | 60,736 | 12,972 | 4,312 |
| 2009 | 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 [2] | 75,491 | 20,539 | 5,365 |

[1] See note on p. 7 for interpretation

[2] 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**

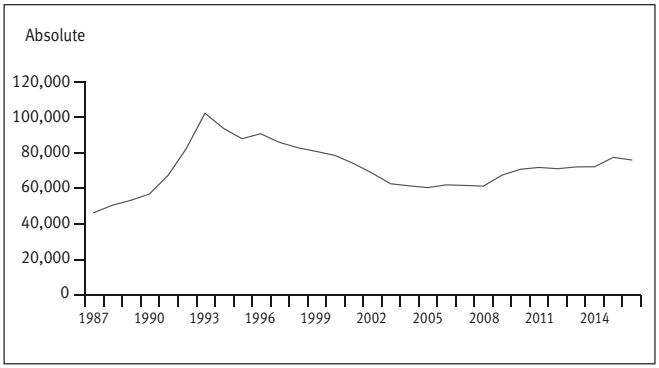
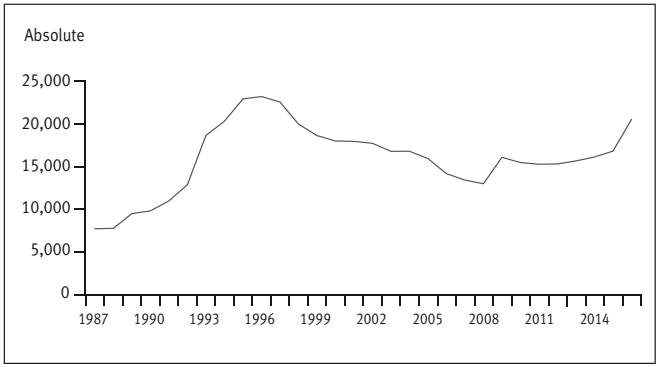



Figure 12:
**Recognized cases of occupational disease**




* 2009: The omission of the retroactive effect clause (verdict of the Federal Social Court, 2008-12-02) caused a recognition of old cases (OD 4111). Simultaneously, the revised recommendation for medical expertise of slight silicosis (OD 4101) resulted in an increase in the number of cases. At the present time the impact of these changes comes to an end.). Simultaneously, the revised recommendation for medical expertise of slight silicosis (OD 4101) resulted in an increase in the number of cases. At the present time the impact of these changes comes to an end.

Figure 13:
**New occupational disease pensions***


* see note on p. 7 for interpretation

** 2009: The omission of the retroactive effect clause (verdict of the Federal Social Court, 2008-12-02) caused a recognition of old cases (OD 4111). Simultaneously, the revised recommendation for medical expertise of slight silicosis (OD 4101) resulted in an increase in the number of cases. At the present time the impact of these changes comes to an end.). Simultaneously, the revised recommendation for medical expertise of slight silicosis (OD 4101) resulted in an increase in the number of cases. At the present time the impact of these changes comes to an end.

Table 32:

**Stock of pensions**

| Year | Pension paid to | | | | Total |
|---|---|---|---|---|---|
| | Insured person | Widows and widowers | Orphans | Other claimants | |
| 1987 | 628,383 | 121,490 | 29,320 | 379 | 779,572 |
| 1988 | 628,541 | 119,154 | 26,913 | 349 | 774,957 |
| 1989 | 627,731 | 116,789 | 25,001 | 334 | 769,855 |
| 1990 | 630,621 | 114,674 | 22,879 | 303 | 768,477 |
| 1991 | 858,572 | 133,477 | 23,608 | 291 | 1,015,948 |
| 1992 | 858,750 | 131,561 | 24,335 | 263 | 1,014,909 |
| 1993 | 859,116 | 131,625 | 24,027 | 231 | 1,014,999 |
| 1994 | 862,688 | 131,249 | 23,537 | 212 | 1,017,686 |
| 1995 | 865,545 | 130,343 | 22,815 | 206 | 1,018,909 |
| 1996 | 863,337 | 129,043 | 22,248 | 211 | 1,014,839 |
| 1997 | 857,590 | 127,233 | 21,580 | 188 | 1,006,591 |
| 1998 | 856,651 | 125,827 | 21,020 | 164 | 1,003,662 |
| 1999 | 852,802 | 124,379 | 20,464 | 138 | 997,783 |
| 2000 | 847,884 | 123,530 | 20,292 | 127 | 991,833 |
| 2001 | 841,228 | 121,552 | 19,985 | 113 | 982,878 |
| 2002 | 833,141 | 120,073 | 19,668 | 108 | 972,990 |
| 2003 | 826,093 | 118,791 | 19,302 | 105 | 964,291 |
| 2004 | 816,869 | 117,510 | 18,774 | 95 | 953,248 |
| 2005 | 806,707 | 115,977 | 18,236 | 87 | 941,007 |
| 2006 | 797,457 | 114,971 | 17,243 | 72 | 929,743 |
| 2007 | 789,655 | 113,509 | 16,585 | 71 | 919,820 |
| 2008 | 775,750 | 112,081 | 15,281 | 55 | 903,167 |
| 2009 | 767,350 | 110,883 | 14,902 | 42 | 893,177 |
| 2010 | 758,374 | 109,023 | 13,837 | 34 | 881,268 |
| 2011 | 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 | 694,841 | 99,045 | 9,561 | 27 | 803,474 |

Figure 14:
**Total pensions paid at end of 2016**

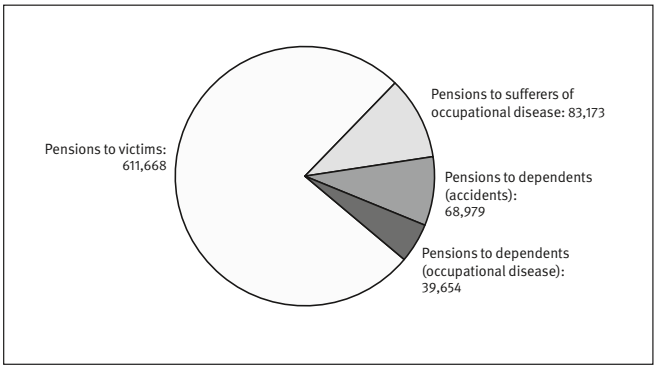



Figure 15:
**Total pensions**

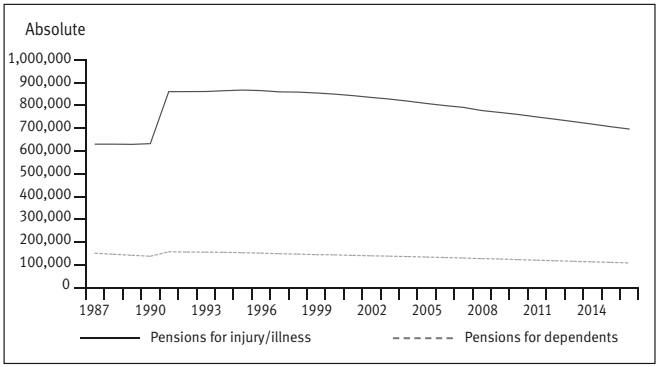


Table 33:

**Remuneration [1,2] 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 | |
| 1996 | 617,992,226 | + 1.1 | 19,585 | – 1.9 |
| 1997 | 615,739,163 | – 0.4 | 19,774 | + 1.0 |
| 1998 | 626,611,168 | + 1.8 | 20,412 | + 3.2 |
| 1999 | 640,712,098 | + 2.3 | 20,746 | + 1.6 |
| 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 | + 3.8 | 27,380 | + 2.2 |

[1] Not available in public sector accident insurance
[2] Since 2001: includes data of German Social Accident Insurance Institution for the postal logistics and telecommunications

Table 34a:

**Apportionment quota [1,2] required of companies in industrial sector**

| Year | Quota in 1,000 € | Change on previous year in % | Per full time equivalent employee in € | Per 100 € wages |
|---|---|---|---|---|
| 1950 | 231,668 | | 21 | 1.69 |
| 1955 | 434,371 | | 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 |
| 1996 | 8,789,788 | – 1.8 | 279 | 1.42 |
| 1997 | 8,660,458 | – 1.5 | 278 | 1.41 |
| 1998 | 8,549,261 | – 1.3 | 278 | 1.36 |
| 1999 | 8,551,909 | + 0.0 | 277 | 1.33 |
| 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 | + 3.1 | 322 | 1.18 |

[1] Not available in public sector accident insurance
[2] Since 1996: includes data of German Social Accident Insurance Institution for the postal logistics and telecommunications

Table 34b:

**Contribution quota required of municipalities and affiliated companies in public sector [1,2]**

| Year | Quota in 1,000 € | Change on previous year in % | Per full time equivalent employee / pupil in € |
|---|---|---|---|
| 1987 | 351,008 | | |
| 1988 | 364,686 | + 3.9 | |
| 1989 | 372,726 | + 2.2 | |
| 1990 | 378,831 | + 1.6 | |
| 1991 | 458,754 | + 21.1 | |
| 1992 | 487,228 | + 6.2 | |
| 1993 | 538,079 | + 10.4 | |
| 1994 | 653,066 | + 21.4 | |
| 1995 | 682,375 | + 4.5 | |
| 1996 | 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 | + 3.8 | 66 |

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

[2] Excluding data of German Social Accident Insurance Institution for the postal logistics and telecommunications

Table 35:

**Expenditure on compensation**

| Year | Expenditure in 1,000 € | Change on previous year in % | Per full time equivalent employee [1] in € | Per 100 € wages [2] |
|---|---|---|---|---|
| 1987 | 4,835,155 | + 2.5 | 174 | 1.15 |
| 1988 | 4,957,251 | + 2.5 | 175 | 1.12 |
| 1989 | 5,095,538 | + 2.8 | 176 | 1.10 |
| 1990 | 5,332,148 | + 4.6 | 178 | 1.06 |
| 1991 | 6,100,203 | + 14.4 | 169 | 1.03 |
| 1992 | 6,971,782 | + 14.3 | 191 | 1.08 |
| 1993 | 7,512,386 | + 7.8 | 207 | 1.13 |
| 1994 | 7,913,121 | + 5.3 | 219 | 1.17 |
| 1995 | 8,156,909 | + 3.1 | 221 | 1.16 |
| 1996 | 8,218,445 | + 0.8 | 217 | 1.16 |
| 1997 | 8,402,756 | + 2.2 | 224 | 1.19 |
| 1998 | 8,450,296 | + 0.6 | 228 | 1.17 |
| 1999 | 8,509,577 | + 0.7 | 228 | 1.15 |
| 2000 | 8,542,477 | + 0.4 | 229 | 1.13 |
| 2001 | 8,599,249 | + 0.7 | 232 | 1.10 |
| 2002 | 8,789,492 | + 2.2 | 242 | 1.12 |
| 2003 | 8,806,638 | + 0.2 | 245 | 1.12 |
| 2004 | 8,764,535 | – 0.5 | 239 | 1.12 |
| 2005 | 8,675,926 | – 1.0 | 240 | 1.11 |
| 2006 | 8,666,241 | – 0.1 | 235 | 1.09 |
| 2007 | 8,575,052 | – 1.1 | 228 | 1.04 |
| 2008 | 8,727,941 | + 1.8 | 229 | 1.01 |
| 2009 | 9,026,984 | + 3.4 | 236 | 1.07 |
| 2010 [3] | 9,304,088 | + 3.1 | 240 | 1.07 |
| 2011 | 9,369,686 | + 0.7 | 238 | 1.02 |
| 2012 | 9,460,441 | + 1.0 | 237 | 0.99 |
| 2013 | 9,597,733 | + 1.5 | 235 | 0.97 |
| 2014 | 9,769,448 | + 1.8 | 237 | 0.95 |
| 2015 | 9,943,043 | + 1.8 | 240 | 0.93 |
| 2016 | 10,258,348 | + 3.2 | 243 | 0.92 |

[1] Industrial and public sector without pupil accident insurance

[2] Industrial sector

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

Table 36:

**Expenditure on currative treatment**

| Year | In 1,000 € | | Change on previous year in % | |
|---|---|---|---|---|
| | Total | *Of which* injury benefit [1] | Total | Injury benefit [1] |
| 1987 | 1,346,814 | 343,847 | | |
| 1988 | 1,377,709 | 353,403 | + 2.3 | + 2.8 |
| 1989 | 1,435,727 | 354,265 | + 4.2 | + 0.2 |
| 1990 | 1,559,341 | 384,336 | + 8.6 | + 8.5 |
| 1991 | 1,821,739 | 453,971 | + 16.8 | + 18.1 |
| 1992 | 2,213,892 | 527,853 | + 21.5 | + 16.3 |
| 1993 | 2,393,196 | 559,648 | + 8.1 | + 6.0 |
| 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 |

[1] Including special assistance

Table 37:

**Expenditure on pensions [1] in 1,000 €**

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

[1] Excluding lump-sum payments and allowances

Table 38:

**Expenditure on pensions in € per case**

| Year | Expenditure on pensions for | | | |
|---|---|---|---|---|
| | Insured persons | Widows and widowers | Orphans | Other claimants |
| 1987 | 3,490 | 8,002 | 4,696 | 4,510 |
| 1988 | 3,585 | 8,282 | 4,895 | 4,038 |
| 1989 | 3,682 | 8,554 | 4,964 | 4,525 |
| 1990 | 3,770 | 8,814 | 5,157 | 4,121 |
| 1991 | 3,255 | 7,979 | 5,040 | 4,516 |
| 1992 | 3,643 | 8,779 | 5,212 | 4,775 |
| 1993 | 3,926 | 9,245 | 5,655 | 5,059 |
| 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 | 13,824 | 7,842 | 6,132 |



Table 39:

**Expenditure on prevention in € 1,000**

| Year | Total | *Of which* for | | | |
|---|---|---|---|---|---|
| | | Acident prevention regulations, publications, etc. | Personnel and material costs of prevention [1] | Services for occupational health and for safety of operation, first aid [2] | Training |
| 1987 | 272,986 | 3,414 | 151,579 | 30,367 | 39,870 |
| 1988 | 287,826 | 3,617 | 160,679 | 32,168 | 40,882 |
| 1989 | 306,906 | 4,374 | 171,555 | 32,994 | 44,136 |
| 1990 | 337,696 | 5,164 | 188,894 | 34,025 | 47,525 |
| 1991 | 420,873 | 8,413 | 239,713 | 46,137 | 56,112 |
| 1992 | 480,361 | 6,461 | 271,343 | 55,555 | 66,685 |
| 1993 | 540,047 | 9,030 | 299,350 | 68,774 | 76,590 |
| 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 |

[1] Denotation in the account system befor the year under review 2010 “Advice to business and inspections”

[2] Separate data as from 1997 only

Figure 16:
**Expenditure on prevention**

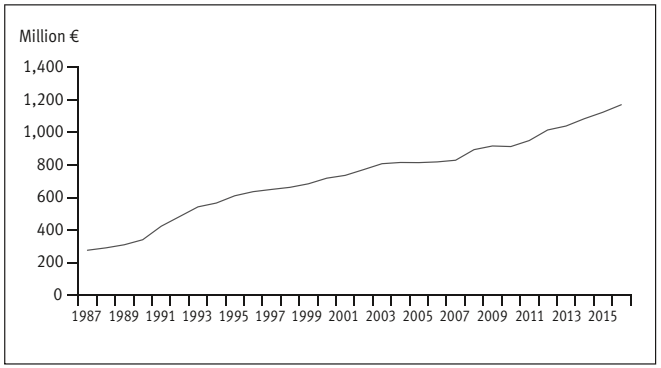
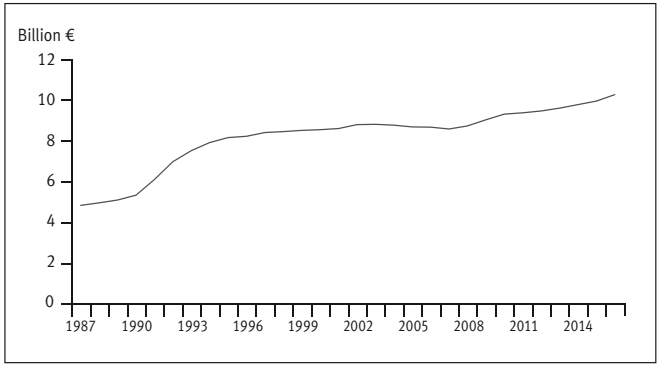



Figure 17:
**Expenditure on compensation**




* Modifications of the account system form the year under review 2010; comparisons with last year only partly possible. Incl. new account ‚payments for accident investigations', formerly part of procerdural costs.

Table 40:

**Staff in the section of prevention in 2016**

| | Labour inspectors | Other prevention experts | Occupational physicians, scientific staff | Administrative staff | Total |
|---|---|---|---|---|---|
| **Accident insurance in industrial sector** | **1,894** | **466** | **675** | **1,415** | **4,450** |
| 101 BG for the raw materials and chemical industry | 160 | 43 | 84 | 219 | 506 |
| 102 BG for the wood-working and metal-working industries | 459 | 206 | 69 | 372 | 1,106 |
| 103 BG for the energy, textile, electrical and media products sectors | 208 | 76 | 109 | 84 | 477 |
| 104 BG for the building trade | 423 | 21 | 143 | 169 | 756 |
| 105 BG for the foodstuffs and catering industry | 118 | 20 | 74 | 115 | 327 |
| 106 BG for the trade and logistics industry | 156 | 35 | 35 | 92 | 318 |
| 107 BG for the Transport industry, postal logistics and tele-communications | 123 | 6 | 48 | 79 | 256 |
| 108 BG for the administrative sector | 161 | 8 | 45 | 190 | 404 |
| 109 BG for the health and welfare services | 86 | 51 | 68 | 95 | 300 |
| **Accident insurance in public sector (General AI)** | **395** | **16** | **40** | **157** | **608** |
| **Total** | **2,289** | **482** | **715** | **1,572** | **5,058** |

Table 41:

## Selected activities in the section of prevention in 2016

| | Inspected companies [1]/ educational institutions [2] | Inspections in the companies [1]/ educational institutions [2] | Safety deficiencies found | Investigated accidents |
|---|---|---|---|---|
| **Accident insurance in industrial sector** | **216,192** | **471,876** | **951,668** | **30,647** |
| 101 BG for the raw materials and chemical industry | 9,116 | 11,596 | 16,132 | 4,181 |
| 102 BG for the wood-working and metal-working industries | 58,579 | 92,980 | 100,568 | 5,940 |
| 103 BG for the energy, textile, electrical and media products sectors | 23,014 | 38,823 | 20,703 | 3,934 |
| 104 BG for the building trade | 51,626 | 212,288 | 591,486 | 3,029 |
| 105 BG for the foodstuffs and catering industry | 20,478 | 23,285 | 74,579 | 4,734 |
| 106 BG for the trade and logistics industry | 30,866 | 57,787 | 113,257 | 6,356 |
| 107 BG for the Transport industry, postal logistics and telecommunications | 12,419 | 12,755 | 14,072 | 624 |
| 108 BG for the administrative sector | 5,520 | 15,046 | 11,492 | 1,169 |
| 109 BG for the health and welfare services | 4,574 | 7,316 | 9,379 | 680 |
| **Accident insurance in public sector** | **4,195** | **9,569** | **25,525** | **2,071** |
| **Total** | **220,387** | **481,445** | **977,193** | **32,718** |

[1] Including assistance companies
[2] 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 2016

| | On-site consultation | | Consultation by telephone or in writing [1] | |
|---|---|---|---|---|
| | Occupational safety | Health protection | Occupational safety | Health protection |
| **Accident insurance in industrial sector** | **115,621** | **50,577** | **328,437** | **110,925** |
| 101 BG for the raw materials and chemical industry | 6,828 | – | – | – |
| 102 BG for the wood-working and metal-working industries | 1,313 | 531 | 256 | 135 |
| 103 BG for the energy, textile, electrical and media products sectors | 53,753 | 17,293 | 227,212 | 48,364 |
| 104 BG for the building trade | 3,946 | 1,773 | 18,605 | 8,360 |
| 105 BG for the foodstuffs and catering industry | 888 | 363 | 10,792 | 6,306 |
| 106 BG for the trade and logistics industry | 10,665 | 3,900 | 5,501 | 2,149 |
| 107 BG for the Transport industry, postal logistics and telecommunications | 11,956 | 9,324 | 10,484 | 15,314 |
| 108 BG for the administrative sector | 20,479 | 13,653 | 265 | 176 |
| 109 BG for the health and welfare services | 5,793 | 3,740 | 55,322 | 30,121 |
| **Accident insurance in public sector** | **16,113** | **4,831** | **76,789** | **29,206** |
| **Total** | **131,734** | **55,408** | **405,226** | **140,131** |

[1] Including consulting outside the permanent establishment

Table 43:

## Occupational health and safety training seminars by target groups in 2016

| | Target groups | | | | | Total number of courses |
|---|---|---|---|---|---|---|
| | Safety officers | OSH professionals | Employers and managers | Company medical officers | Other company staff [1] | |
| **Accident insurance in industrial sector** | **3,543** | **911** | **2,024** | **3** | **120,004** | **126,485** |
| 101 BG for the raw materials and chemical industry | 255 | 75 | 193 | – | 958 | 1,481 |
| 102 BG for the woodworking and metalworking industries | 656 | 179 | 708 | 1 | 4,002 | 5,546 |
| 103 BG for the energy, textile, electrical and media products sectors | 423 | 155 | 180 | – | 20,075 | 20,833 |
| 104 BG for the building trade | 163 | 132 | 348 | – | 14,272 | 14,915 |
| 105 BG for the foodstuffs and catering industry | 159 | 70 | 113 | – | 4,891 | 5,233 |
| 106 BG for the trade and logistics industry | 461 | 67 | 97 | 2 | 25,550 | 26,177 |
| 107 BG for the Transport industry, postal logistics and telecommunications | 135 | 20 | 79 | – | 110 | 344 |
| 108 BG for the administrative sector | 698 | 178 | 179 | – | 16,132 | 17,187 |
| 109 BG for the health and welfare services | 593 | 35 | 127 | – | 34,014 | 34,769 |
| **Accident insurance in public sector** | **772** | **223** | **1,016** | **34** | **20,577** | **22,622** |
| **Total** | **4,315** | **1,134** | **3,040** | **37** | **140,581** | **149,107** |

[1] Including first aid training

Table 44:

## Persons attending OSH training by target groups in 2016

| | Target groups | | | | | Total number of courses |
|---|---|---|---|---|---|---|
| | Safety officers | OSH professionals | Employers and managers | Company medical officers | Other company staff [1] | |
| **Accident insurance in industrial sector** | **69,518** | **19,129** | **33,449** | **372** | **1,591,496** | **1,713,964** |
| 101 BG for the raw materials and chemical industry | 5,286 | 2,907 | 2,792 | – | 17,674 | 28,659 |
| 102 BG for the woodworking and metalworking industries | 14,208 | 4,025 | 11,485 | 271 | 55,805 | 85,794 |
| 103 BG for the energy, textile, electrical and media products sectors | 7,901 | 2,713 | 3,204 | – | 307,881 | 321,699 |
| 104 BG for the building trade | 3,159 | 1,892 | 5,956 | – | 160,401 | 171,408 |
| 105 BG for the foodstuffs and catering industry | 2,838 | 1,109 | 1,866 | – | 74,563 | 80,376 |
| 106 BG for the trade and logistics industry | 9,991 | 1,317 | 1,551 | 101 | 218,298 | 231,258 |
| 107 BG for the Transport industry, postal logistics and telecommunications | 2,348 | 369 | 1,555 | – | 2,308 | 6,580 |
| 108 BG for the administrative sector | 12,990 | 4,209 | 3,091 | – | 243,747 | 264,037 |
| 109 BG for the health and welfare services | 10,797 | 588 | 1,949 | – | 510,819 | 524,153 |
| **Accident insurance in public sector** | **15,504** | **2,319** | **19,056** | **642** | **310,235** | **347,756** |
| **Total** | **85,022** | **21,448** | **52,505** | **1,014** | **1,901,731** | **2,061,720** |

[1] Including first aiders

Table 45:

**Staff with responsibility for safety at work in 2016**

| | Safety officers | OSH professionals [1] |
|---|---|---|
| **Accident insurance in industrial sector** | **479,272** | **77,344** |
| 101 BG for the raw materials and chemical industry | 63,560 | 6,410 |
| 102 BG for the wood-working and metalworking industries | 71,295 | 17,763 |
| 103 BG for the energy, textile, electrical and media products sectors | 52,221 | 11,425 |
| 104 BG for the building trade | 21,310 | 6,742 |
| 105 BG for the foodstuffs and catering industry | 24,517 | 3,503 |
| 106 BG for the trade and logistics industry | 36,275 | 6,716 |
| 107 BG for the Transport industry, postal logistics and telecommunications | 28,550 | 1,430 |
| 108 BG for the administrative sector | 54,573 | 10,081 |
| 109 BG for the health and welfare services | 126,971 | 13,274 |
| **Accident insurance in public sector** | **154,503** | **5,163** |
| **Total** | **633,775** | **82,507** |

[1] Not available in pupil accident insurance

**Deutsche Gesetzliche**
**Unfallversicherung e.V. (DGUV)**

Glinkastraße 40
10117 Berlin
Telefon 030 288763-800
Fax 030 288763-808