

**TABLE 1** Total number of reported disasters,<sup>1</sup> by continent and by year (2006-2015)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total <sup>3</sup>
Africa	202	184	173	156	135	165	124	115	101	116	1,471
Americas	105	133	143	115	146	131	114	106	116	124	1,233
Asia	308	262	240	233	253	235	210	228	228	240	2,437
Europe	98	104	58	75	99	49	91	69	80	70	793
Oceania	18	11	13	19	18	15	14	12	12	24	156
Very high human development <sup>2</sup>	124	118	104	99	113	94	119	123	112	113	1,119
High human development	202	224	193	183	213	159	165	155	192	183	1,869
Medium human development	199	158	170	154	161	165	126	130	126	146	1,535
Low human development	206	194	160	162	164	177	143	122	107	132	1,567
<b>Total</b>	<b>731</b>	<b>694</b>	<b>627</b>	<b>598</b>	<b>651</b>	<b>595</b>	<b>553</b>	<b>530</b>	<b>537</b>	<b>574</b>	<b>6,090</b>

Source: EM-DAT, CRED, University of Louvain, Belgium

<sup>1</sup> In Tables 1–13, ‘disasters’ refer to those with a natural and/or technological trigger only, and do not include wars, conflict-related famines, diseases or epidemics.

<sup>2</sup> See note on UNDP’s Human Development Index country status in the disaster definitions section in the introduction to this annex.

<sup>3</sup> Since slow-onset disasters can affect the same country for a number of years, it is best to use figures on total numbers to calculate annual averages over a decade rather than as absolute totals (see the data definitions and methodology section in the introduction to this annex).

Note: Some totals in the table may not correspond due to rounding.

With 574 disasters reported, 2015 is the year of the decade with the fourth lowest number of disasters, very far below the peak of 2006.

Among continents, the number of disasters was the third lowest of the decade in Africa and the fourth lowest in Europe. In contrast, this number was the fourth highest of the decade in the Americas and in Asia; and Oceania suffered its highest number of disasters of the decade.

In 2015, the number of disasters was at its third lowest level in countries with low human development and at its fourth lowest in medium and high human development countries.

In countries with very high human development, the number of disasters was, in 2014, the fifth lowest in the decade.

The distribution of disasters among continents is, in 2015, very similar to the annual average for the decade.

**TABLE 2** Total number of people reported killed, by continent and by year (2006-2015)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Africa	5,780	3,821	3,027	3,180	13,050	13,552	3,028	2,663	2,784	3,858	54,743
Americas	1,563	2,921	2,735	2,222	226,555	3,372	2,059	1,760	1,606	1,691	246,484
Asia	20,661	15,827	235,621	10,058	17,685	29,139	8,358	22,266	8,669	21,770	390,054
Europe	5,837	1,665	807	1,363	57,073	1,670	1,780	1,833	1,129	5,165	78,322
Oceania	24	273	25	893	140	221	433	32	201	66	2,308
<i>Very high human development<sup>1</sup></i>	<i>5,017</i>	<i>1,717</i>	<i>1,079</i>	<i>2,663</i>	<i>2,088</i>	<i>21,869</i>	<i>1,594</i>	<i>2,540</i>	<i>1,716</i>	<i>7,855</i>	<i>48,138</i>
<i>High human development</i>	<i>6,548</i>	<i>5,540</i>	<i>91,436</i>	<i>4,359</i>	<i>67,511</i>	<i>5,961</i>	<i>3,828</i>	<i>3,767</i>	<i>5,101</i>	<i>4,508</i>	<i>198,559</i>
<i>Medium human development</i>	<i>16,581</i>	<i>11,013</i>	<i>6,562</i>	<i>7,378</i>	<i>6,334</i>	<i>5,600</i>	<i>5,604</i>	<i>18,377</i>	<i>3,405</i>	<i>5,899</i>	<i>86,753</i>
<i>Low human development</i>	<i>5,719</i>	<i>6,237</i>	<i>143,138</i>	<i>3,316</i>	<i>238,570</i>	<i>14,524</i>	<i>4,632</i>	<i>3,870</i>	<i>4,167</i>	<i>14,288</i>	<i>438,461</i>
<b>Total</b>	<b>33,865</b>	<b>24,507</b>	<b>242,215</b>	<b>17,716</b>	<b>314,503</b>	<b>47,954</b>	<b>15,658</b>	<b>28,554</b>	<b>14,389</b>	<b>32,550</b>	<b>771,911</b>

Source: EM-DAT, CRED, University of Louvain, Belgium

<sup>1</sup> See note on UNDP's Human Development Index country status in the disaster definitions section in the introduction to this annex.

In 2015 the number of people reported killed was the fifth highest of the decade, but remains much lower than the 2008 and 2010 peaks. It was the third highest of the decade for Europe and the fourth highest for Asia and Africa. In contrast, it was the third lowest for the Americas and the fourth lowest for Oceania.

The number of people reported dead was the fourth lowest of the decade in countries with medium and high human development. But it was the second highest in very high human development countries and at its fourth highest in countries with a low level of human development.

In 2015, 67 per cent of people killed by disasters lived in Asia, above its decade's annual average of 50.5 per cent.

The proportion of people killed by disasters and living in Europe (15.9 per cent) is also above its decade's average of 10.1 per cent, as well as the proportion of deaths from Africa (11.9 per cent for a decade's average of 7.1 per cent).

The proportion of people killed by disasters living in Oceania (0.2 per cent) is below its decade's average of 0.3 per cent, while the proportion of people reported killed in the Americas (5.2 per cent) represents one-sixth of its decade's average (31.9 per cent).

**TABLE 3** Total number of people reported as affected, by continent and by year (2006-2015), in thousands

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total <sup>2</sup>
Africa	26,665	12,530	22,653	42,636	36,557	33,725	45,720	10,259	8,038	30,924	269,707
Americas	1,455	10,180	20,226	7,022	12,969	11,880	5,714	2,648	34,092	6,874	113,059
Asia	119,125	190,910	182,754	176,156	292,555	217,989	89,729	87,030	99,001	68,083	1,523,332
Europe	260	1,651	268	141	834	79	581	1,750	1,316	233	7,113
Oceania	38	172	105	77	549	516	263	78	170	2,379	4,347
Very high human development <sup>1</sup>	284	1,338	13,730	2,567	3,888	1,433	356	4,210	952	1,288	30,046
High human development	93,961	130,064	155,078	137,860	263,571	188,578	59,397	32,464	101,659	8,084	1,170,716
Medium human development	23,959	67,885	30,921	42,796	14,893	33,782	26,536	52,429	28,399	32,761	354,360
Low human development	29,339	16,155	26,277	42,811	61,111	40,396	55,717	12,662	11,606	66,360	362,434
<b>Total</b>	<b>147,543</b>	<b>215,442</b>	<b>226,006</b>	<b>226,033</b>	<b>343,463</b>	<b>264,189</b>	<b>142,006</b>	<b>101,764</b>	<b>142,617</b>	<b>108,493</b>	<b>1,917,557</b>

Source: EM-DAT, CRED, University of Louvain, Belgium

<sup>1</sup> See note on UNDP's Human Development Index country status in the disaster definitions section in the introduction to this annex.

<sup>2</sup> Since slow-onset disasters can affect the same country a number of years, it is best to use figures on total numbers to calculate annual averages over a decade rather than as absolute totals (see the data definitions and methodology section in the introduction to this annex).

Note: Some totals in this table may not correspond due to rounding.

In 2015, more than 100 million people were affected by disasters, the second lowest total of the decade, far below the high levels of years 2007 to 2011 and almost half the decade's average.

In Asia, the number of people reported affected by disasters in 2015 was the lowest of the decade. It was the third lowest for Europe, the fourth lowest for the Americas and the fifth lowest for Africa.

In contrast, in Oceania, the number of people reported affected by disasters was the highest of the decade, reaching five times its decade's average.

In 2015, the number of people affected by disasters was the lowest of the decade in countries of high human development. It was the fourth lowest in very high human development countries.

On the other hand, the number of people affected by disasters was the highest of the decade in low human development countries and the fifth highest in medium human development countries.

In 2015, Asia accounted for 63 per cent of people reported as affected, below its 79 per cent decade's average, while the proportion reported for Africa was two times higher than its decennial average.

**TABLE 4** Total amount of disaster estimated damage, by continent and by year (2006-2015), in millions of US dollars (2015 prices)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Africa	277	885	982	197	66	1,103	988	246	688	2,662	8,094
Americas	8,643	18,630	73,540	16,878	86,948	73,720	109,417	35,485	24,999	25,550	473,811
Asia	28,472	40,692	134,255	20,126	42,693	297,840	28,848	59,468	64,459	33,853	750,705
Europe	2,942	25,949	5,340	13,774	21,393	3,188	25,734	22,817	8,383	4,697	134,217
Oceania	1,558	1,693	2,886	1,934	10,501	30,485	909	3,316	1,181	3,523	57,987
<i>Very high human development<sup>1</sup></i>	<i>14,055</i>	<i>53,878</i>	<i>73,868</i>	<i>30,914</i>	<i>94,277</i>	<i>330,450</i>	<i>131,852</i>	<i>53,033</i>	<i>29,946</i>	<i>33,113</i>	<i>845,386</i>
<i>High human development</i>	<i>17,401</i>	<i>23,427</i>	<i>134,404</i>	<i>11,719</i>	<i>42,040</i>	<i>67,759</i>	<i>28,127</i>	<i>45,935</i>	<i>41,189</i>	<i>21,094</i>	<i>433,096</i>
<i>Medium human development</i>	<i>10,432</i>	<i>7,061</i>	<i>3,513</i>	<i>10,005</i>	<i>5,485</i>	<i>5,248</i>	<i>2,169</i>	<i>20,566</i>	<i>26,477</i>	<i>10,115</i>	<i>101,071</i>
<i>Low human development</i>	<i>4</i>	<i>3,484</i>	<i>5,217</i>	<i>271</i>	<i>19,801</i>	<i>2,878</i>	<i>3,748</i>	<i>1,799</i>	<i>2,097</i>	<i>5,962</i>	<i>45,261</i>
<b>Total</b>	<b>41,892</b>	<b>87,850</b>	<b>217,003</b>	<b>52,909</b>	<b>161,603</b>	<b>406,336</b>	<b>165,895</b>	<b>121,333</b>	<b>99,710</b>	<b>70,285</b>	<b>1,424,814</b>

Source: EM-DAT, CRED, University of Louvain, Belgium

<sup>1</sup> See note on UNDP's Human Development Index country status in the disaster definitions section in the introduction to this annex.

Note: Some totals in this table may not correspond due to rounding.

As mentioned in the introduction to this annex, damage assessment is frequently unreliable. Even for the existing data, the methodologies are not standardized and the financial coverage can vary significantly. Depending on where the disaster occurs and who reports it, estimations may vary from zero to billions of US dollars.

The total amount of damage reported in 2015 was the third lowest of the decade. Among continents, it was the third lowest in Europe, the fourth lowest in Asia and the fifth lowest in the Americas. However, it was the highest in Africa and the third highest in Oceania, where the amount of damages remained below its decade's average.

The total amount of damage was the third lowest in high human development countries and the fourth in very high human development countries.

In contrast, it was the second highest in low human development countries and the fourth highest in medium human development countries.

In 2015, the contribution of Asia to the total amount of damage was 48.2 per cent, below its 52.7 per cent average for the decade. On the other hand, Africa's contribution (3.8 per cent) was largely above its decade's average (0.6 per cent).

**TABLE 5** Total number of reported disasters, by type of phenomenon and by year (2006-2015)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total <sup>1</sup>
Droughts <sup>2</sup>	20	13	21	31	27	24	31	13	22	33	235
Dry-mass movements <sup>3</sup>	1	n.d.r.	3	1	n.d.r.	n.d.r.	1	1	n.d.r.	1	8
Earthquakes <sup>4</sup>	24	21	23	22	24	30	29	28	26	21	248
Extreme temperatures	32	25	11	26	34	19	52	17	18	11	245
Floods <sup>5</sup>	232	219	174	160	190	160	141	149	140	154	1,719
Insect infestations	1	n.d.r.	n.d.r.	1	1	1	n.d.r.	n.d.r.	n.d.r.	n.d.r.	4
Landslides	20	10	12	28	32	17	13	11	15	19	177
Storms	77	105	111	87	95	86	90	106	99	114	970
Volcanic activities	12	6	7	3	6	6	1	3	8	7	59
Wild fires	10	18	5	9	7	8	7	10	4	11	89
<i>Subtotal disasters triggered by climato-, hydro- and meteorological hazards</i>	<i>392</i>	<i>390</i>	<i>334</i>	<i>342</i>	<i>386</i>	<i>315</i>	<i>334</i>	<i>306</i>	<i>298</i>	<i>342</i>	<i>3,439</i>
<i>Subtotal disasters triggered by geophysical hazards</i>	<i>37</i>	<i>27</i>	<i>33</i>	<i>26</i>	<i>30</i>	<i>36</i>	<i>31</i>	<i>32</i>	<i>34</i>	<i>29</i>	<i>315</i>
<b>Total DTNH</b>	<b>429</b>	<b>417</b>	<b>367</b>	<b>368</b>	<b>416</b>	<b>351</b>	<b>365</b>	<b>338</b>	<b>332</b>	<b>371</b>	<b>3,754</b>
Industrial accidents	64	53	38	44	36	32	25	25	28	31	376
Miscellaneous accidents	33	43	30	27	47	34	26	31	32	38	341
Transport accidents	205	181	192	159	152	178	137	136	145	134	1,619
<b>Total DTTH</b>	<b>302</b>	<b>277</b>	<b>260</b>	<b>230</b>	<b>235</b>	<b>244</b>	<b>188</b>	<b>192</b>	<b>205</b>	<b>203</b>	<b>2,336</b>
<b>Total</b>	<b>731</b>	<b>694</b>	<b>627</b>	<b>598</b>	<b>651</b>	<b>595</b>	<b>553</b>	<b>530</b>	<b>537</b>	<b>574</b>	<b>6,090</b>

Source: EM-DAT, CRED, University of Louvain, Belgium

**TABLE 6** Total number of people reported as killed, by type of phenomenon and by year (2006-2015)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Droughts <sup>1</sup>	208	n.a.	6	2	10,000	10,000	n.a.	n.a.	n.a.	35	20,251
Dry-mass movements <sup>2</sup>	11	n.d.r.	120	36	n.d.r.	n.d.r.	16	46	n.d.r.	13	242
Earthquakes <sup>3</sup>	6,692	780	87,918	1,893	226,733	20,946	711	1,120	773	9,526	357,092
Extreme temperatures	5,104	1,044	1,608	1,212	57,064	806	1,674	1,982	1,168	7,418	79,080
Floods <sup>4</sup>	5,845	8,565	4,026	3,581	8,481	6,151	3,577	9,819	3,574	3,408	57,027
Insect infestations	n.a.	n.d.r.	n.d.r.	n.a.	n.a.	n.a.	n.d.r.	n.d.r.	n.d.r.	n.d.r.	n.a.
Landslides	1,638	271	504	649	3,427	309	501	235	943	1,000	9,477
Storms	4,329	6,035	140,985	3,287	1,564	3,103	3,105	8,603	1,424	1,260	173,695
Volcanic activities	5	11	16	n.a.	323	3	n.a.	n.a.	102	n.a.	460
Wild fires	16	148	86	190	166	10	22	35	16	64	753
<i>Subtotal disasters triggered by climato-, hydro- and meteorological hazards</i>	<i>17,140</i>	<i>16,063</i>	<i>147,215</i>	<i>8,921</i>	<i>80,702</i>	<i>20,379</i>	<i>8,879</i>	<i>20,674</i>	<i>7,125</i>	<i>13,185</i>	<i>340,283</i>
<i>Subtotal disasters triggered by geophysical hazards</i>	<i>6,708</i>	<i>791</i>	<i>88,054</i>	<i>1,929</i>	<i>227,056</i>	<i>20,949</i>	<i>727</i>	<i>1,166</i>	<i>875</i>	<i>9,539</i>	<i>357,794</i>
<b>Total DTNH</b>	<b>23,848</b>	<b>16,854</b>	<b>235,269</b>	<b>10,850</b>	<b>307,758</b>	<b>41,328</b>	<b>9,606</b>	<b>21,840</b>	<b>8,000</b>	<b>22,724</b>	<b>698,077</b>
Industrial accidents	1,870	1,669	776	947	1,061	727	787	1,907	891	1,056	11,691
Miscellaneous accidents	1,126	909	895	911	1,507	755	1,112	1,003	646	3,322	12,186
Transport accidents	7,021	5,075	5,275	5,008	4,177	5,144	4,153	3,804	4,852	5,448	49,957
<b>Total DTTH</b>	<b>10,017</b>	<b>7,653</b>	<b>6,946</b>	<b>6,866</b>	<b>6,745</b>	<b>6,626</b>	<b>6,052</b>	<b>6,714</b>	<b>6,389</b>	<b>9,826</b>	<b>73,834</b>
<b>Total</b>	<b>33,865</b>	<b>24,507</b>	<b>242,215</b>	<b>17,716</b>	<b>314,503</b>	<b>47,954</b>	<b>15,658</b>	<b>28,554</b>	<b>14,389</b>	<b>32,550</b>	<b>771,911</b>

Source: EM-DAT, CRED, University of Louvain, Belgium

**TABLE 7** Total number of people reported as affected, by type of phenomenon and by year (2006-2015), in thousands

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total <sup>1</sup>
Droughts <sup>2</sup>	44,371	8,278	37,481	109,666	132,525	75,604	43,882	13,124	69,716	53,258	587,905
Dry-mass movements <sup>3</sup>	n.a.	n.d.r.	1	3	n.d.r.	n.d.r.	n.a.	n.a.	n.d.r.	n.a.	4
Earthquakes <sup>4</sup>	3,859	1,382	47,580	3,221	6,937	1,748	2,860	7,031	3,212	7,171	85,001
Extreme temperatures	63	988	79,171	856	892	4,427	636	270	1,240	1,265	89,808
Floods <sup>5</sup>	31,124	178,901	45,978	61,059	189,180	141,400	74,318	32,064	42,121	34,804	830,951
Insect infestations	n.a.	n.d.r.	n.d.r.	500	2,300	2,300	n.d.r.	n.d.r.	n.d.r.	n.d.r.	5,100
Landslides	432	9	5	44	2,460	7	4	1	19	50	3,031
Storms	67,112	23,999	15,652	50,583	8,931	38,585	20,265	49,150	25,791	10,390	310,457
Volcanic activities	379	51	40	57	171	49	10	94	210	959	2,018
Wild fires	3	1,785	59	12	30	15	6	9	12	494	2,425
<i>Subtotal disasters triggered by climato-, hydro- and meteorological hazards</i>	<i>143,106</i>	<i>213,961</i>	<i>178,346</i>	<i>222,719</i>	<i>336,319</i>	<i>262,338</i>	<i>139,112</i>	<i>94,617</i>	<i>138,898</i>	<i>100,262</i>	<i>1,829,677</i>
<i>Subtotal disasters triggered by geophysical hazards</i>	<i>4,237</i>	<i>1,433</i>	<i>47,621</i>	<i>3,281</i>	<i>7,108</i>	<i>1,796</i>	<i>2,870</i>	<i>7,125</i>	<i>3,422</i>	<i>8,130</i>	<i>87,024</i>
<b>Total DTNH</b>	<b>147,343</b>	<b>215,394</b>	<b>225,967</b>	<b>226,000</b>	<b>343,426</b>	<b>264,134</b>	<b>141,982</b>	<b>101,742</b>	<b>142,320</b>	<b>108,391</b>	<b>1,916,701</b>
Industrial accidents	161	3	14	6	27	1	4	8	284	25	533
Miscellaneous accidents	35	41	21	23	7	48	17	7	9	72	280
Transport accidents	4	4	4	5	3	6	3	6	3	5	43
<b>Total DTTT</b>	<b>199</b>	<b>48</b>	<b>39</b>	<b>33</b>	<b>37</b>	<b>55</b>	<b>24</b>	<b>22</b>	<b>296</b>	<b>102</b>	<b>856</b>
<b>Total</b>	<b>147,543</b>	<b>215,442</b>	<b>226,006</b>	<b>226,033</b>	<b>343,463</b>	<b>264,189</b>	<b>142,006</b>	<b>101,764</b>	<b>142,617</b>	<b>108,493</b>	<b>1,917,557</b>

Source: EM-DAT, CRED, University of Louvain, Belgium

**TABLE 8** Total amount of estimated damage from disasters, by type of phenomenon and by year (2006-2015), in millions of US dollars (2015 prices)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Droughts <sup>1</sup>	3,799	596	246	2,326	3,712	11,490	26,318	1,849	11,016	6,476	67,828
Dry-mass movements <sup>2</sup>	n.a.	n.d.r.	n.a.	n.a.	n.d.r.	n.d.r.	n.a.	8	n.d.r.	n.a.	8
Earthquakes <sup>3</sup>	4,157	17,635	97,307	6,862	52,959	249,957	19,711	9,233	7,183	6,028	471,031
Extreme temperatures	1,211	n.a.	24,884	1,251	517	848	162	1,017	2,521	94	32,506
Floods <sup>4</sup>	9,871	28,365	22,818	9,105	46,391	85,522	27,232	54,211	38,110	21,078	342,703
Insect infestations	n.a.	n.d.r.	n.d.r.	n.a.	n.a.	n.a.	n.d.r.	n.d.r.	n.d.r.	n.d.r.	n.a.
Landslides	49	n.a.	n.a.	175	1,430	n.a.	n.a.	n.a.	273	8	1,935
Storms	21,486	34,815	68,876	29,729	31,488	55,214	91,164	53,335	40,162	32,948	459,217
Volcanic activities	182	n.a.	n.a.	n.a.	n.a.	113	n.a.	n.a.	186	600	1,081
Wild fires	1,138	5,415	2,872	1,723	2,318	3,188	1,276	1,091	259	3,038	22,317
<i>Subtotal disasters triggered by climato-, hydro- and meteorological hazards</i>	<i>37,552</i>	<i>69,191</i>	<i>119,696</i>	<i>44,310</i>	<i>85,856</i>	<i>156,263</i>	<i>146,152</i>	<i>111,503</i>	<i>92,341</i>	<i>63,642</i>	<i>926,506</i>
<i>Subtotal disasters triggered by geophysical hazards</i>	<i>4,339</i>	<i>17,635</i>	<i>97,307</i>	<i>6,862</i>	<i>52,959</i>	<i>250,070</i>	<i>19,711</i>	<i>9,241</i>	<i>7,369</i>	<i>6,628</i>	<i>472,120</i>
<b>Total DTNH</b>	<b>41,891</b>	<b>86,826</b>	<b>217,003</b>	<b>51,172</b>	<b>138,815</b>	<b>406,333</b>	<b>165,862</b>	<b>120,744</b>	<b>99,710</b>	<b>70,270</b>	<b>1,398,627</b>
Industrial accidents	n.a.	1,024	n.a.	1,736	22,508	n.a.	32	203	n.a.	n.a.	25,503
Miscellaneous accidents	1	n.a.	n.a.	n.a.	280	1	1	5	n.a.	n.a.	288
Transport accidents	n.a.	n.a.	n.a.	n.a.	n.a.	2	n.a.	380	n.a.	15	397
<b>Total DTTH</b>	<b>1</b>	<b>1,024</b>	<b>n.a.</b>	<b>1,736</b>	<b>22,788</b>	<b>3</b>	<b>33</b>	<b>588</b>	<b>n.a.</b>	<b>15</b>	<b>26,188</b>
<b>Total</b>	<b>41,892</b>	<b>87,850</b>	<b>217,003</b>	<b>52,909</b>	<b>161,603</b>	<b>406,336</b>	<b>165,895</b>	<b>121,333</b>	<b>99,710</b>	<b>70,285</b>	<b>1,424,814</b>

Source: EM-DAT, CRED, University of Louvain, Belgium



**TABLE 9** Total number of reported disasters, by type of phenomenon, continent and by level of human development<sup>1</sup> (2006-2015)

	Africa	Americas	Asia	Europe	Oceania	VHHD	HHD	MHD	LHD	Total
Droughts <sup>2</sup>	118	59	42	7	9	13	49	47	126	235
Dry-mass movements <sup>3</sup>	1	2	4	n.d.r.	1	n.d.r.	3	3	2	8
Earthquakes <sup>4</sup>	9	40	168	21	10	38	117	64	29	248
Extreme temperatures	4	40	64	135	2	108	78	47	12	245
Floods <sup>5</sup>	438	348	681	206	46	242	504	456	517	1,719
Insect infestations	4	n.d.r.	n.d.r.	n.d.r.	n.d.r.	n.d.r.	n.d.r.	n.d.r.	4	4
Landslides	15	34	118	6	4	9	60	53	55	177
Storms	88	301	416	115	50	372	234	257	107	970
Volcanic activities	4	26	21	1	7	9	16	28	6	59
Wild fires	10	39	5	23	12	60	16	6	7	89
<i>Subtotal disasters triggered by climato-, hydro- and meteorological hazards</i>	<i>677</i>	<i>821</i>	<i>1,326</i>	<i>492</i>	<i>123</i>	<i>804</i>	<i>941</i>	<i>866</i>	<i>828</i>	<i>3,439</i>
<i>Subtotal disasters triggered by geophysical hazards</i>	<i>14</i>	<i>68</i>	<i>193</i>	<i>22</i>	<i>18</i>	<i>47</i>	<i>136</i>	<i>95</i>	<i>37</i>	<i>315</i>
<b>Total DTNH</b>	<b>691</b>	<b>889</b>	<b>1,519</b>	<b>514</b>	<b>141</b>	<b>851</b>	<b>1,077</b>	<b>961</b>	<b>865</b>	<b>3,754</b>
Industrial accidents	51	38	246	39	2	30	243	53	50	376
Miscellaneous accidents	85	36	176	43	1	51	94	114	82	341
Transport accidents	644	270	496	197	12	187	455	407	570	1,619
<b>Total DTTT</b>	<b>780</b>	<b>344</b>	<b>918</b>	<b>279</b>	<b>15</b>	<b>268</b>	<b>792</b>	<b>574</b>	<b>702</b>	<b>2,336</b>
<b>Total</b>	<b>1,471</b>	<b>1,233</b>	<b>2,437</b>	<b>793</b>	<b>156</b>	<b>1,119</b>	<b>1,869</b>	<b>1,535</b>	<b>1,567</b>	<b>6,090</b>

Source: EM-DAT, CRED, University of Louvain, Belgium

**TABLE 10** Total number of people reported killed, by type of phenomenon, continent and by level of human development<sup>1</sup> (2006-2015)

	Africa	Americas	Asia	Europe	Oceania	VHHD	HHD	MHD	LHD	Total
Droughts <sup>2</sup>	20,078	4	145	n.a.	24	n.a.	134	15	20,102	20,251
Dry-mass movements <sup>3</sup>	98	48	86	n.d.r.	10	n.d.r.	69	150	23	242
Earthquakes <sup>4</sup>	66	223,889	131,653	1,049	435	21,008	93,783	9,373	232,928	357,092
Extreme temperatures	148	2,133	8,641	67,672	486	11,667	59,486	4,988	2,939	79,080
Floods <sup>5</sup>	7,980	6,186	41,616	1,063	182	1,651	14,531	23,958	16,887	57,027
Insect infestations	n.a.	n.d.r.	n.d.r.	n.d.r.	n.d.r.	n.d.r.	n.d.r.	n.d.r.	n.a.	n.a.
Landslides	618	1,386	7,337	42	94	263	4,001	2,830	2,383	9,477
Storms	1,259	4,759	167,099	318	260	3,957	3,894	24,586	141,258	173,695
Volcanic activities	5	21	434	n.a.	n.a.	63	21	365	11	460
Wild fires	131	130	86	215	191	437	166	87	63	753
<i>Subtotal disasters triggered by climato-, hydro- and meteorological hazards</i>	<i>30,214</i>	<i>14,598</i>	<i>224,924</i>	<i>69,310</i>	<i>1,237</i>	<i>17,975</i>	<i>82,212</i>	<i>56,464</i>	<i>183,632</i>	<i>340,283</i>
<i>Subtotal disasters triggered by geophysical hazards</i>	<i>169</i>	<i>223,958</i>	<i>132,173</i>	<i>1,049</i>	<i>445</i>	<i>21,071</i>	<i>93,873</i>	<i>9,888</i>	<i>232,962</i>	<i>357,794</i>
<b>Total DTNH</b>	<b>30,383</b>	<b>238,556</b>	<b>357,097</b>	<b>70,359</b>	<b>1,682</b>	<b>39,046</b>	<b>176,085</b>	<b>66,352</b>	<b>416,594</b>	<b>698,077</b>
Industrial accidents	2,053	747	7,675	1,187	29	403	6,273	2,609	2,406	11,691
Miscellaneous accidents	2,434	1,269	7,334	1,139	10	3,621	2,388	3,987	2,190	12,186
Transport accidents	19,873	5,912	17,948	5,637	587	5,068	13,813	13,805	17,271	49,957
<b>Total DTTT</b>	<b>24,360</b>	<b>7,928</b>	<b>32,957</b>	<b>7,963</b>	<b>626</b>	<b>9,092</b>	<b>22,474</b>	<b>20,401</b>	<b>21,867</b>	<b>73,834</b>
<b>Total</b>	<b>54,743</b>	<b>246,484</b>	<b>390,054</b>	<b>78,322</b>	<b>2,308</b>	<b>48,138</b>	<b>198,559</b>	<b>86,753</b>	<b>438,461</b>	<b>771,911</b>

Source: EM-DAT, CRED, University of Louvain, Belgium

**TABLE 11** Total number of people reported affected, by type of phenomenon, continent and by level of human development<sup>1</sup> (2006-2015), in thousands

	Africa	Americas	Asia	Europe	Oceania	VHHD	HHD	MHD	LHD	Total
Droughts <sup>2</sup>	228,865	43,359	313,392	216	2,073	n.a.	308,090	23,453	256,362	587,905
Dry-mass movements <sup>3</sup>	1	3	n.a.	n.d.r.	n.a.	n.d.r.	n.a.	4	n.a.	4
Earthquakes <sup>4</sup>	53	10,035	73,999	284	631	5,188	56,744	12,599	10,470	85,001
Extreme temperatures	8	1,678	87,500	621	2	231	86,770	2,507	301	89,808
Floods <sup>5</sup>	32,618	46,314	747,056	4,067	896	15,383	552,670	181,695	81,203	830,951
Insect infestations	5,100	n.d.r.	n.d.r.	n.d.r.	n.d.r.	n.d.r.	n.d.r.	n.d.r.	5,100	5,100
Landslides	39	96	2,885	n.a.	10	23	2,169	196	642	3,031
Storms	2,730	9,153	297,002	874	699	8,349	161,621	132,394	8,093	310,457
Volcanic activities	7	1,396	592	n.a.	23	22	1,299	691	7	2,018
Wild fires	71	891	430	1,021	13	801	1,018	537	69	2,425
<i>Subtotal disasters triggered by climato-, hydro- and meteorological hazards</i>	<i>269,430</i>	<i>101,491</i>	<i>1,448,263</i>	<i>6,800</i>	<i>3,693</i>	<i>24,787</i>	<i>1,112,338</i>	<i>340,782</i>	<i>351,770</i>	<i>1,829,677</i>
<i>Subtotal disasters triggered by geophysical hazards</i>	<i>61</i>	<i>11,434</i>	<i>74,592</i>	<i>284</i>	<i>654</i>	<i>5,210</i>	<i>58,043</i>	<i>13,294</i>	<i>10,477</i>	<i>87,024</i>
<b>Total DTNH</b>	<b>269,491</b>	<b>112,924</b>	<b>1,522,855</b>	<b>7,084</b>	<b>4,347</b>	<b>29,998</b>	<b>1,170,381</b>	<b>354,076</b>	<b>362,247</b>	<b>1,916,701</b>
Industrial accidents	114	120	287	12	n.a.	34	306	79	115	533
Miscellaneous accidents	86	6	176	12	n.a.	5	20	192	63	280
Transport accidents	15	9	14	5	n.a.	9	10	13	11	43
<b>Total DTTT</b>	<b>216</b>	<b>134</b>	<b>477</b>	<b>29</b>	<b>n.a.</b>	<b>48</b>	<b>336</b>	<b>284</b>	<b>188</b>	<b>856</b>
<b>Total</b>	<b>269,707</b>	<b>113,059</b>	<b>1,523,332</b>	<b>7,113</b>	<b>4,347</b>	<b>30,046</b>	<b>1,170,716</b>	<b>354,360</b>	<b>362,434</b>	<b>1,917,557</b>

Source: EM-DAT, CRED, University of Louvain, Belgium

**TABLE 12** Total amount of estimated disaster damage, by type of phenomenon, continent and by level of human development<sup>1</sup> (2006 to 2015) - in millions of US dollars (2015 prices)

	Africa	Americas	Asia	Europe	Oceania	VHHD	HHD	MHD	LHD	Total
Droughts <sup>2</sup>	2,141	41,319	16,877	6,594	897	36,673	27,988	2,953	214	67,828
Dry-mass movements <sup>3</sup>	n.a.	n.a.	8	n.d.r.	n.a.	n.d.r.	8	n.a.	n.a.	8
Earthquakes <sup>4</sup>	8	47,532	373,311	23,164	27,017	327,868	120,835	8,070	14,257	471,031
Extreme temperatures	n.a.	5,408	25,298	1,800	n.a.	4,913	26,623	953	18	32,506
Floods <sup>5</sup>	4,221	55,994	212,862	55,747	13,880	104,820	166,315	48,367	23,201	342,703
Insect infestations	n.a.	n.d.r.	n.d.r.	n.d.r.	n.d.r.	n.d.r.	n.d.r.	n.d.r.	n.a.	n.a.
Landslides	n.a.	802	1,133	n.a.	n.a.	75	1,008	814	38	1,935
Storms	1,237	285,876	119,429	38,989	13,686	328,292	85,440	37,954	7,531	459,217
Volcanic activities	n.a.	895	186	n.a.	n.a.	713	182	186	n.a.	1,081
Wild fires	488	12,858	1,319	5,145	2,507	18,622	2,155	1,540	n.a.	22,317
<i>Subtotal disasters triggered by climato-, hydro- and meteorological hazards</i>	<i>8,086</i>	<i>402,258</i>	<i>376,917</i>	<i>108,275</i>	<i>30,970</i>	<i>493,395</i>	<i>309,529</i>	<i>92,580</i>	<i>31,003</i>	<i>926,506</i>
<i>Subtotal disasters triggered by geophysical hazards</i>	<i>8</i>	<i>48,426</i>	<i>373,506</i>	<i>23,164</i>	<i>27,017</i>	<i>328,581</i>	<i>121,025</i>	<i>8,257</i>	<i>14,257</i>	<i>472,120</i>
<b>Total DTNH</b>	<b>8,094</b>	<b>450,684</b>	<b>750,423</b>	<b>131,439</b>	<b>57,987</b>	<b>821,976</b>	<b>430,554</b>	<b>100,837</b>	<b>45,260</b>	<b>1,398,627</b>
Industrial accidents	n.a.	22,603	262	2,638	n.a.	22,750	2,523	230	n.a.	25,503
Miscellaneous accidents	n.a.	285	3	n.a.	n.a.	280	5	2	1	288
Transport accidents	n.a.	239	17	140	n.a.	380	15	2	n.a.	397
<b>Total DTTH</b>		<b>23,127</b>	<b>282</b>	<b>2,778</b>		<b>23,410</b>	<b>2,543</b>	<b>234</b>	<b>1</b>	<b>26,188</b>
<b>Total</b>	<b>8,094</b>	<b>473,811</b>	<b>750,705</b>	<b>134,217</b>	<b>57,987</b>	<b>845,386</b>	<b>433,096</b>	<b>101,071</b>	<b>45,261</b>	<b>1,424,814</b>

Source: EM-DAT, CRED, University of Louvain, Belgium