

Commission Delegated Regulation (EU) 2015/35 of 10 October 2014
supplementing Directive 2009/138/EC of the European Parliament
and of the Council on the taking-up and pursuit of the business of
Insurance and Reinsurance (Solvency II) (Text with EEA relevance)

TITLE I

[^{X1}VALUATION AND RISK-BASED CAPITAL REQUIREMENTS
(PILLAR I), ENHANCED GOVERNANCE (PILLAR II)
AND INCREASED TRANSPARENCY (PILLAR III)]

CHAPTER V

SOLVENCY CAPITAL REQUIREMENT STANDARD FORMULA

SECTION 2

Non-life underwriting risk module

Article 117

Standard deviation for non-life premium and reserve risk

1 The standard deviation for non-life premium and reserve risk shall be equal to the following:

$$\sigma_{nl} = \frac{1}{V_{nl}} \times \sqrt{\sum_{s,t} CorrS_{(s,t)} \times \sigma_s \times V_s \times \sigma_t \times V_t}$$

where:

- (a) V_{nl} denotes the volume measure for non-life premium and reserve risk;
- (b) the sum covers all possible combinations (s,t) of the segments set out in Annex II;
- (c) $CorrS_{(s,t)}$ denotes the correlation parameter for non-life premium and reserve risk for segment s and segment t set out in Annex IV;
- (d) σ_s and σ_t denote standard deviations for non-life premium and reserve risk of segments s and t respectively;
- (e) V_s and V_t denote volume measures for premium and reserve risk of segments s and t , referred to in Article 116, respectively.

2 For all segments set out in Annex II, the standard deviation for non-life premium and reserve risk of a particular segment s shall be equal to the following:

$$\sigma_s = \frac{\sqrt{\sigma_2^{[prem,s]} \times V_2^{[prem,s]} + \sigma_{[prem,s]} \times V_{[prem,s]} \times \sigma_{[res,s]} \times V_{[res,s]} + \sigma_2^{[res,s]} \times V_2^{[res,s]}}}{V_{[prem,s]} + V_{[res,s]}}$$

where:

Changes to legislation: Commission Delegated Regulation (EU) 2015/35, Article 117 is up to date with all changes known to be in force on or before 04 August 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) [View outstanding changes](#)

- (a) $\sigma_{(prem,s)}$ denotes the standard deviation for non-life premium risk of segment s determined in accordance with paragraph 3;
- (b) $\sigma_{(res,s)}$ denotes the standard deviation for non-life reserve risk of segment s as set out in Annex II;
- (c) $V_{(prem,s)}$ denotes the volume measure for premium risk of segment s referred to in Article 116;
- (d) $V_{(res,s)}$ denotes the volume measure for reserve risk of segment s referred to in Article 116.

3 For all segments set out in Annex II, the standard deviation for non-life premium risk of a particular segment shall be equal to the product of the standard deviation for non-life gross premium risk of the segment set out in Annex II and the adjustment factor for non-proportional reinsurance. For segments 1, 4 and 5 set out in Annex II the adjustment factor for non-proportional reinsurance shall be equal to 80 %. For all other segments set out in Annex the adjustment factor for non-proportional reinsurance shall be equal to 100 %.

Changes to legislation:

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[View outstanding changes](#)

Changes and effects yet to be applied to :

- [Recital 53 Sentence 1 replacement by EUR 2016/2283 Regulation](#)

Changes and effects yet to be applied to the whole legislation item and associated provisions

- [Art. 1\(18a\) words substituted by S.I. 2024/705 Sch. 2 para. 27\(a\)](#)
- [Art. 1\(18b\)\(a\) substituted by S.I. 2024/705 Sch. 2 para. 27\(b\)\(i\)](#)
- [Art. 1\(18b\)\(a\) word omitted by S.I. 2024/705 Sch. 2 para. 27\(b\)\(ii\)](#)
- [Art. 1\(18b\)\(c\) and word inserted by S.I. 2024/705 Sch. 2 para. 27\(b\)\(iii\)](#)
- [Art. 1\(19\) words substituted by S.I. 2024/705 Sch. 2 para. 27\(c\)](#)
- [Art. 1\(20\) words substituted by S.I. 2024/705 Sch. 2 para. 27\(d\)](#)
- [Art. 1\(21\) words substituted by S.I. 2024/705 Sch. 2 para. 27\(e\)](#)
- [Art. 1\(22\) words substituted by S.I. 2024/705 Sch. 2 para. 27\(f\)](#)
- [Art. 1\(23\) words substituted by S.I. 2024/705 Sch. 2 para. 27\(g\)](#)
- [Art. 177\(2\)\(b\) words omitted by S.I. 2019/407 reg. 11\(25\)\(a\) \(This amendment not applied to legislation.gov.uk. Reg. 11\(25\)\(39\) omitted immediately before IP completion day by virtue of S.I. 2019/710, regs. 1\(2\), 22\)](#)
- [Art. 177\(2\)\(h\)\(i\) words omitted by S.I. 2019/407 reg. 11\(25\)\(b\)\(ii\) \(This amendment not applied to legislation.gov.uk. Reg. 11\(25\)\(39\) omitted immediately before IP completion day by virtue of S.I. 2019/710, regs. 1\(2\), 22\)](#)
- [Art. 177\(2\)\(h\)\(i\) words substituted by S.I. 2019/407 reg. 11\(25\)\(b\)\(i\) \(This amendment not applied to legislation.gov.uk. Reg. 11\(25\)\(39\) omitted immediately before IP completion day by virtue of S.I. 2019/710, regs. 1\(2\), 22\)](#)
- [Art. 177\(2\)\(r\) words substituted by S.I. 2019/407 reg. 11\(25\)\(c\) \(This amendment not applied to legislation.gov.uk. Reg. 11\(25\)\(39\) omitted immediately before IP completion day by virtue of S.I. 2019/710, regs. 1\(2\), 22\)](#)
- [Art. 177\(2\)\(s\) words substituted by S.I. 2019/407 reg. 11\(25\)\(c\) \(This amendment not applied to legislation.gov.uk. Reg. 11\(25\)\(39\) omitted immediately before IP completion day by virtue of S.I. 2019/710, regs. 1\(2\), 22\)](#)
- [Art. 177\(2\)\(t\) words substituted by S.I. 2019/407 reg. 11\(25\)\(d\) \(This amendment not applied to legislation.gov.uk. Reg. 11\(25\)\(39\) omitted immediately before IP completion day by virtue of S.I. 2019/710, regs. 1\(2\), 22\)](#)
- [Art. 177\(5\)\(a\) words substituted by S.I. 2019/407 reg. 11\(25\)\(f\) \(This amendment not applied to legislation.gov.uk. Reg. 11\(25\)\(39\) omitted immediately before IP completion day by virtue of S.I. 2019/710, regs. 1\(2\), 22\)](#)
- [Art. 177\(5\)\(c\) words substituted by S.I. 2019/407 reg. 11\(25\)\(f\) \(This amendment not applied to legislation.gov.uk. Reg. 11\(25\)\(39\) omitted immediately before IP completion day by virtue of S.I. 2019/710, regs. 1\(2\), 22\)](#)
- [Art. 257\(1A\) inserted by S.I. 2024/705 Sch. 2 para. 28\(3\)](#)
- [Art. 257\(6\) inserted by S.I. 2024/705 Sch. 2 para. 28\(7\)](#)