(j) *Guarantees and credit derivatives other than nth-to-default credit derivatives*—(1) *Protection provider*. For a guarantee or credit derivative (other than an nth-to-default credit derivative) provided by an FDIC-supervised institution that covers the full amount or a pro rata share of a securitization exposure's principal and interest, the FDIC-supervised institution must risk weight the guarantee or credit derivative as if it holds the portion of the reference exposure covered by the guarantee or credit derivative.

(2) *Protection purchaser*. (i) An FDIC-supervised institution that purchases a guarantee or OTC credit derivative (other than an nth-to-default credit derivative) that is recognized under § 324.45 as a credit risk mitigant (including via collateral recognized under § 324.37) is not required to compute a separate counterparty credit risk capital requirement under § 324.31, in accordance with § 324.34(c).

(ii) If an FDIC-supervised institution cannot, or chooses not to, recognize a purchased credit derivative as a credit risk mitigant under § 324.45, the FDIC-supervised institution must determine the exposure amount of the credit derivative under § 324.34.

(A) If the FDIC-supervised institution purchases credit protection from a counterparty that is not a securitization SPE, the FDIC-supervised institution must determine the risk weight for the exposure according to general risk weights under § 324.32.

(B) If the FDIC-supervised institution purchases the credit protection from a counterparty that is a securitization SPE, the FDIC-supervised institution must determine the risk weight for the exposure according to section § 324.42, including § 324.42(a)(4) for a credit derivative that has a first priority claim on the cash flows from the underlying exposures of the securitization SPE (notwithstanding amounts due under interest rate or currency derivative contracts, fees due, or other similar payments).

[78 FR 55471, Sept. 10, 2013, as amended at 79 FR 20760, Apr. 14, 2014]

## § 324.43 Simplified supervisory formula approach (SSFA) and the gross-up approach.

(a) *General requirements for the SSFA*. To use the SSFA to determine the risk weight for a securitization exposure, an FDIC-supervised institution must have data that enables it to assign accurately the parameters described in paragraph (b) of this section. Data used to assign the parameters described in paragraph (b) of this section must be the most currently available data; if the contracts governing the underlying exposures of the securitization require payments on a monthly or quarterly basis, the data used to assign the parameters described in paragraph (b) of this section must be no more than 91 calendar days old. An FDIC-supervised institution that does not have the appropriate data to assign the parameters described in paragraph (b) of this section must assign a risk weight of 1,250 percent to the exposure.

(b) *SSFA parameters*. To calculate the risk weight for a securitization exposure using the SSFA, an FDIC-supervised institution must have accurate information on the following five inputs to the SSFA calculation:

(1) $K_G$ is the weighted-average (with unpaid principal used as the weight for each exposure) total capital requirement of the underlying exposures calculated using this subpart. $K_G$ is expressed as a decimal value between zero and one (that is, an average risk weight of 100 percent represents a value of $K_G$ equal to 0.08).

(2) Parameter W is expressed as a decimal value between zero and one. Parameter W is the ratio of the sum of the dollar amounts of any underlying exposures of the securitization that meet any of the criteria as set forth in paragraphs (b)(2)(i) through (vi) of this section to the balance, measured in dollars, of underlying exposures:

(i) Ninety days or more past due;

(ii) Subject to a bankruptcy or insolvency proceeding;

(iii) In the process of foreclosure;

(iv) Held as real estate owned;

(v) Has contractually deferred payments for 90 days or more, other than principal or interest payments deferred on:

(A) Federally-guaranteed student loans, in accordance with the terms of those guarantee programs; or

(B) Consumer loans, including non-federally-guaranteed student loans, provided that such payments are deferred pursuant to provisions included in the contract at the time funds are disbursed that provide for period(s) of deferral that are not initiated based on changes in the creditworthiness of the borrower; or

(vi) Is in default.

(3) Parameter A is the attachment point for the exposure, which represents the threshold at which credit losses will first be allocated to the exposure. Except as provided in § 324.42(i) for $n^{th}$-to-default credit derivatives, parameter A equals the ratio of the current dollar amount of underlying exposures that are subordinated to the exposure of the FDIC-supervised institution to the current dollar amount of underlying exposures. Any reserve account funded by the accumulated cash flows from the underlying exposures that is subordinated to the FDIC-supervised institution's securitization exposure may be included in the calculation of parameter A to the extent that cash is present in the account. Parameter A is expressed as a decimal value between zero and one.

(4) Parameter D is the detachment point for the exposure, which represents the threshold at which credit losses of principal allocated to the exposure would result in a total loss of principal. Except as provided in § 324.42(i) for $n^{th}$-to-default credit derivatives, parameter D equals parameter A plus the ratio of the current dollar amount of the securitization exposures that are *pari passu* with the exposure (that is, have equal seniority with respect to credit risk) to the current dollar amount of the underlying exposures. Parameter D is expressed as a decimal value between zero and one.

(5) A supervisory calibration parameter, p, is equal to 0.5 for securitization exposures that are not resecuritization exposures and equal to 1.5 for resecuritization exposures.

(c) *Mechanics of the SSFA.* $K_G$ and W are used to calculate $K_A$, the augmented value of $K_G$, which reflects the observed credit quality of the underlying exposures. $K_A$ is defined in paragraph (d) of this section. The values of parameters A and D, relative to $K_A$ determine the risk weight assigned to a securitization exposure as described in paragraph (d) of this section. The risk weight assigned to a securitization exposure, or portion of a securitization exposure, as appropriate, is the larger of the risk weight determined in accordance with this paragraph (c) or paragraph (d) of this section and a risk weight of 20 percent.

(1) When the detachment point, parameter D, for a securitization exposure is less than or equal to $K_A$, the exposure must be assigned a risk weight of 1,250 percent.

(2) When the attachment point, parameter A, for a securitization exposure is greater than or equal to $K_A$, the FDIC-supervised institution must calculate the risk weight in accordance with paragraph (d) of this section.

(3) When A is less than $K_A$ and D is greater than $K_A$, the risk weight is a weighted-average of 1,250 percent and 1,250 percent times $K_{SSFA}$ calculated in accordance with paragraph (d) of this section. For the purpose of this weighted-average calculation:

(i) The weight assigned to 1,250 percent equals $\frac{K_A - A}{D - A}$.

(ii) The weight assigned to 1,250 percent times $K_{SSFA}$ equals $\frac{D - K_A}{D - A}$.

(iii) The risk weight will be set equal to:

$$RW = \left[\left(\frac{K_A - A}{D - A}\right) \cdot 1{,}250\ percent\right] + \left[\left(\frac{D - K_A}{D - A}\right) \cdot 1{,}250\ percent \cdot K_{SSFA}\right]$$

(d) SSFA equation. (1) The FDIC-supervised institution must define the following parameters:

$$K_A = (1 - W) \cdot K_G + (0.5 \cdot W)$$

$$a = -\frac{1}{p \cdot K_A}$$

$$u = D - K_A$$

$$l = \max(A - K_A, 0)$$

$e = 2.71828$, the base of the natural logarithms.

(2) Then the FDIC-supervised institution must calculate $K_{SSFA}$ according to the following equation:

$$K_{SSFA} = \frac{e^{a \cdot u} - e^{a \cdot l}}{a(u - l)}$$

(3) The risk weight for the exposure (expressed as a percent) is equal to $K_{SSFA} \times 1{,}250$.

(e) *Gross-up approach*—(1) *Applicability*. An FDIC-supervised institution that is not subject to subpart F of this part may apply the gross-up approach set forth in this section instead of the SSFA to determine the risk weight of its securitization exposures, provided that it applies the gross-up approach to all of its securitization exposures, except as otherwise provided for certain securitization exposures in §§ 324.44 and 324.45.

(2) To use the gross-up approach, an FDIC-supervised institution must calculate the following four inputs:

(i) Pro rata share, which is the par value of the FDIC-supervised institution's securitization exposure as a percent of the par value of the tranche in which the securitization exposure resides;

(ii) Enhanced amount, which is the par value of tranches that are more senior to the tranche in which the FDIC-supervised institution's securitization resides;

(iii) Exposure amount of the FDIC-supervised institution's securitization exposure calculated under § 324.42(c); and

(iv) Risk weight, which is the weighted-average risk weight of underlying exposures of the securitization as calculated under this subpart.

(3) *Credit equivalent amount.* The credit equivalent amount of a securitization exposure under this section equals the sum of:

(i) The exposure amount of the FDIC-supervised institution's securitization exposure; and

(ii) The pro rata share multiplied by the enhanced amount, each calculated in accordance with paragraph (e)(2) of this section.

(4) *Risk-weighted assets.* To calculate risk-weighted assets for a securitization exposure under the gross-up approach, an FDIC-supervised institution must apply the risk weight required under paragraph (e)(2) of this section to the credit equivalent amount calculated in paragraph (e)(3) of this section.

(f) *Limitations.* Notwithstanding any other provision of this section, an FDIC-supervised institution must assign a risk weight of not less than 20 percent to a securitization exposure.

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### § 324.44 Securitization exposures to which the SSFA and gross-up approach do not apply.

(a) *General Requirement.* An FDIC-supervised institution must assign a 1,250 percent risk weight to all securitization exposures to which the FDIC-supervised institution does not apply the SSFA or the gross-up approach under § 324.43, except as set forth in this section.

(b) *Eligible ABCP liquidity facilities.* An FDIC-supervised institution may determine the risk-weighted asset amount of an eligible ABCP liquidity facility by multiplying the exposure amount by the highest risk weight applicable to any of the individual underlying exposures covered by the facility.

(c) *A securitization exposure in a second loss position or better to an ABCP program*—(1) *Risk weighting.* An FDIC-supervised institution may determine the risk-weighted asset amount of a securitization exposure that is in a second loss position or better to an ABCP program that meets the requirements of paragraph (c)(2) of this section by multiplying the exposure amount by the higher of the following risk weights:

(i) 100 percent; and

(ii) The highest risk weight applicable to any of the individual underlying exposures of the ABCP program.

(2) *Requirements.* (i) The exposure is not an eligible ABCP liquidity facility;

(ii) The exposure must be economically in a second loss position or better, and the first loss position must provide significant credit protection to the second loss position;

(iii) The exposure qualifies as investment grade; and

(iv) The FDIC-supervised institution holding the exposure must not retain or provide protection to the first loss position.

### § 324.45 Recognition of credit risk mitigants for securitization exposures.

(a) *General.* (1) An originating FDIC-supervised institution that has obtained a credit risk mitigant to hedge its exposure to a synthetic or traditional securitization that satisfies the operational criteria provided in § 324.41 may recognize the credit risk mitigant under §§ 324.36 or 324.37, but only as provided in this section.

(2) An investing FDIC-supervised institution that has obtained a credit risk mitigant to hedge a securitization exposure may recognize the credit risk mitigant under §§ 324.36 or 324.37, but only as provided in this section.

(b) *Mismatches.* An FDIC-supervised institution must make any applicable adjustment to the protection amount of an eligible guarantee or credit derivative as required in § 324.36(d), (e), and (f) for any hedged securitization exposure. In the context of a synthetic