



Comptroller of the Currency
Administrator of National Banks

Asset Securitization

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Background

Asset securitization is helping to shape the future of traditional commercial banking. By using the securities markets to fund portions of the loan portfolio, banks can allocate capital more efficiently, access diverse and cost-effective funding sources, and better manage business risks.

But securitization markets offer challenges as well as opportunity. Indeed, the successes of nonbank securitizers are forcing banks to adopt some of their practices. Competition from commercial paper underwriters and captive finance companies has taken a toll on banks' market share and profitability in the prime credit and consumer loan businesses. And the growing competition within the banking industry from specialized firms that rely on securitization puts pressure on more traditional banks to use securitization to streamline as much of their credit and originations business as possible. Because securitization may have such a fundamental impact on banks and the financial services industry, bankers and examiners should have a clear understanding of its benefits and inherent risks.

This booklet begins with an overview of the securitization markets, followed by a discussion of the mechanics of securitization. The discussion evolves to the risks of securitization and how, at each stage of the process, banks are able to manage those risks.

A central theme of this booklet is the bank's use of asset securitization as a means of funding, managing the balance sheet, and generating fee income. The discussion of risk focuses on banks' roles as financial intermediaries, that is, as loan originators and servicers rather than as investors in asset-backed securities. Although purchasing asset-backed securities as investments clearly helps to diversify assets and manage credit quality, these benefits are discussed in other OCC publications, such as the "Investment Securities" section of the *Comptroller's Handbook*.

Definition

Asset securitization is the structured process whereby interests in loans and other receivables are packaged, underwritten, and sold in the form of “asset-backed” securities. From the perspective of credit originators, this market enables them to transfer some of the risks of ownership to parties more willing or able to manage them. By doing so, originators can access the funding markets at debt ratings higher than their overall corporate ratings, which generally gives them access to broader funding sources at more favorable rates. By removing the assets and supporting debt from their balance sheets, they are able to save some of the costs of on-balance-sheet financing and manage potential asset-liability mismatches and credit concentrations.

Brief History

Asset securitization began with the structured financing of mortgage pools in the 1970s. For decades before that, banks were essentially portfolio lenders; they held loans until they matured or were paid off. These loans were funded principally by deposits, and sometimes by debt, which was a direct obligation of the bank (rather than a claim on specific assets).

But after World War II, depository institutions simply could not keep pace with the rising demand for housing credit. Banks, as well as other financial intermediaries sensing a market opportunity, sought ways of increasing the sources of mortgage funding. To attract investors, investment bankers eventually developed an investment vehicle that isolated defined mortgage pools, segmented the credit risk, and structured the cash flows from the underlying loans. Although it took several years to develop efficient mortgage securitization structures, loan originators quickly realized the process was readily transferable to other types of loans as well.

Since the mid 1980s, better technology and more sophisticated investors have combined to make asset securitization one of the fastest growing activities in the capital markets. The growth rate of nearly every type of securitized asset has been remarkable, as have been the increase in the types of companies using securitization and the expansion of the investor base. The business of a credit intermediary has so changed that few banks, thrifts,

or finance companies can afford to view themselves exclusively as portfolio lenders.

Market Evolution

The market for mortgage-backed securities was boosted by the government agencies that stood behind these securities. To facilitate the securitization of nonmortgage assets, businesses substituted private credit enhancements. First, they overcollateralized pools of assets; shortly thereafter, they improved third-party and structural enhancements. In 1985, securitization techniques that had been developed in the mortgage market were applied for the first time to a class of nonmortgage assets — automobile loans. A pool of assets second only to mortgages, auto loans were a good match for structured finance; their maturities, considerably shorter than those of mortgages, made the timing of cash flows more predictable, and their long statistical histories of performance gave investors confidence.

The first significant bank credit card sale came to market in 1986 with a private placement of \$50 million of bank card outstandings. This transaction demonstrated to investors that, if the yields were high enough, loan pools could support asset sales with higher expected losses and administrative costs than was true within the mortgage market. Sales of this type — with no contractual obligation by the seller to provide recourse — allowed banks to receive sales treatment for accounting and regulatory purposes (easing balance sheet and capital constraints), while at the same time allowing them to retain origination and servicing fees. After the success of this initial transaction, investors grew to accept credit card receivables as collateral, and banks developed structures to normalize the cash flows.

The next growth phase of securitization will likely involve nonconsumer assets. Most retail lending is readily “securitizable” because cash flows are predictable. Today, formula-driven credit scoring and credit monitoring techniques are widely used for such loans, and most retail programs produce fairly homogeneous loan portfolios. Commercial financing presents a greater challenge. Because a portfolio of commercial loans is typically less homogeneous than a retail portfolio, someone seeking to invest in them must often know much more about each individual credit, and the simpler tools for

measuring and managing portfolio risk are less effective. Nonetheless, investment bankers and asset originators have proven extremely innovative at structuring cash flows and credit enhancements. Evidence of this can be seen in the market for securitized commercial real estate mortgages. Commercial real estate is one of the fastest-growing types of nonconsumer assets in the securitization markets, which fund approximately 10 percent of commercial mortgage debt.

Benefits of Asset Securitization

The evolution of securitization is not surprising given the benefits that it offers to each of the major parties in the transaction.

For Originators

Securitization improves returns on capital by converting an on-balance-sheet lending business into an off-balance-sheet fee income stream that is less capital intensive. Depending on the type of structure used, securitization may also lower borrowing costs, release additional capital for expansion or reinvestment purposes, and improve asset/liability and credit risk management.

For Investors

Securitized assets offer a combination of attractive yields (compared with other instruments of similar quality), increasing secondary market liquidity, and generally more protection by way of collateral overages and/or guarantees by entities with high and stable credit ratings. They also offer a measure of flexibility because their payment streams can be structured to meet investors' particular requirements. Most important, structural credit enhancements and diversified asset pools free investors of the need to obtain a detailed understanding of the underlying loans. This has been the single largest factor in the growth of the structured finance market.

For Borrowers

Borrowers benefit from the increasing availability of credit on terms that lenders may not have provided had they kept the loans on their balance

sheets. For example, because a market exists for mortgage-backed securities, lenders can now extend fixed rate debt, which many consumers prefer over variable rate debt, without overexposing themselves to interest rate risk. Credit card lenders can originate very large loan pools for a diverse customer base at lower rates than if they had to fund the loans on their balance sheet. Nationwide competition among credit originators, coupled with strong investor appetite for the securities, has significantly expanded both the availability of credit and the pool of cardholders over the past decade.

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