

Smart Option Student Loan

Historical Performance Data

Period ended September 30, 2021

Forward-Looking Statements and Disclaimer

Cautionary Note Regarding Forward-Looking Statements

The following information is current as of September 30, 2021 (unless otherwise noted) and should be read in connection with the press release of SLM Corporation (the "Company") announcing its financial results for the quarter ended September 30, 2021, the Form 10-Q for the quarter ended September 30, 2021 filed with the Securities and Exchange Commission ("SEC") on October 20, 2021, and subsequent reports filed with the SEC.

This report contains "forward-looking" statements and information based on management's current expectations as of the date of this report. Statements that are not historical facts, including statements about our beliefs, opinions, or expectations and statements that assume or are dependent upon future events, are forward-looking statements. This includes, but is not limited to: statements regarding future developments surrounding COVID-19 or any other pandemic, including, without limitation, statements regarding the potential impact of COVID-19 or any other pandemic on the Company's business, results of operations, financial condition, and/or cash flows; our expectation and ability to pay a quarterly cash dividend on our common stock in the future, subject to the determination by our Board of Directors, and based on an evaluation of our earnings, financial condition and requirements, business conditions, capital allocation determinations, and other factors, risks, and uncertainties; the Company's 2021 guidance; the Company's three-year horizon outlook; the Company's expectation and ability to execute loan sales and share repurchases; the Company's projections regarding originations, net charge-offs, non-interest expenses, earnings, balance sheet position and other metrics; any estimates related to accounting standard changes; and any estimates related to the impact of credit administration practices changes, including the results of simulations and other behavioral observations. Forward-looking statements are subject to risks, uncertainties, assumptions, and other factors that may cause actual results to be materially different from those reflected in such forward-looking statements. These factors include, among others, the risks and uncertainties set forth in Item 1A, "Risk Factors" and elsewhere in the Company's annual report on Form 10-K for the year ended December 31, 2020 (filed with the SEC on February 25, 2021) and subsequent filings with the SEC; the societal, business, and legislative/regulatory impact of pandemics and other public heath crises; increases in financing costs; limits on liquidity; increases in costs associated with compliance with laws and regulations; failure to comply with consumer protection, banking, and other laws; changes in accounting standards and the impact of related changes in significant accounting estimates, including any regarding the measurement of the Company's allowance for loan losses and the related provision expense; any adverse outcomes in any significant litigation to which we are a party; credit risk associated with our exposure to third-parties, including counterparties to our derivative transactions; and changes in the terms of education loans and the educational credit marketplace (including changes resulting from new laws and the implementation of existing laws). We could also be affected by, among other things: changes in our funding costs and availability; reductions to our credit ratings; cybersecurity incidents, cyberattacks, and other failures or breaches of our operating systems or infrastructure, including those of thirdparty vendors; damage to our reputation; risks associated with restructuring initiatives, including failures to successfully implement cost-cutting programs and the adverse effects of such initiatives on our business; changes in the demand for educational financing or in financing preferences of lenders, educational institutions, students, and their families; changes in law and regulations with respect to the student lending business and financial institutions generally; changes in banking rules and regulations, including increased capital requirements; increased competition from banks and other consumer lenders; the creditworthiness of our customers; changes in the general interest rate environment, including the rate relationships among relevant money-market instruments and those of our earning assets versus our funding arrangements; rates of prepayment on the loans that we own; changes in general economic conditions and our ability to successfully effectuate any acquisitions; and other strategic initiatives. The preparation of our consolidated financial statements also requires us to make certain estimates and assumptions, including estimates and assumptions about future events. These estimates or assumptions may prove to be incorrect. All forward-looking statements contained in this report are qualified by these cautionary statements and are made only as of the date of this report. We do not undertake any obligation to update or revise these forwardlooking statements to conform such statements to actual results or changes in our expectations.

The Company reports financial results on a GAAP basis and also provides certain non-GAAP "Core Earnings" performance measures. The difference between the Company's "Core Earnings" and GAAP results for the periods presented were the unrealized, mark-to-fair value gains/losses on derivative contracts (excluding current period accruals on the derivative instruments), net of tax. These are recognized in GAAP, but not in "Core Earnings" results. The Company provides a "Core Earnings" measure because it is one of several measures management uses when making management decisions regarding the Company's performance and the allocation of corporate resources. The Company's "Core Earnings" is not a defined term within GAAP and may not be comparable to similarly titled measures reported by other companies. For additional information, see "Management's Discussion and Analysis of Financial Condition and Results of Operations – 'Core Earnings'" in the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2021.

Important Information Regarding Historical Loan Performance Data

On April 30, 2014 (the "Spin-Off Date"), the former SLM Corporation legally separated (the "Spin-Off") into two distinct publicly-traded entities: an education loan management, servicing and asset recovery business called Navient Corporation ("Navient"), and a consumer banking business called SLM Corporation. SLM Corporation's primary operating subsidiary is Sallie Mae Bank. We sometimes refer to SLM Corporation, together with its subsidiaries and its affiliates, during the period prior to the Spin-Off as "legacy SLM."

In connection with the Spin-Off, all private education loans owned by legacy SLM, other than those owned by its Sallie Mae Bank subsidiary as of the date of the Spin-Off, and all private education loan asset-backed securities ("ABS") trusts previously sponsored and administered by legacy SLM were transferred to Navient. As of the Spin-Off Date, Navient and its sponsored ABS trusts owned \$30.8 billion of legacy SLM's private education loan portfolio originated both prior to and since 2009. As of the Spin-Off Date, Sallie Mae Bank owned \$7.2 billion of private education loans, the vast majority of which were unencumbered Smart Option Student Loans originated since 2009.

Legacy SLM's Private Education Loan and ABS Programs Prior to the Spin-Off

In 1989, legacy SLM began making private education loans to graduate students. In 1996, legacy SLM expanded its private education loan offerings to undergraduate students. Between 2002 and 2007, legacy SLM issued \$18.6 billion of private education loan-backed ABS in 12 separate transactions.

In 2008, in response to the financial downturn, legacy SLM revised its private education loan underwriting criteria, tightened its forbearance and collections policies, ended direct-to-consumer disbursements, and ceased lending to students attending certain for-profit schools. Legacy SLM issued no private education loan ABS in 2008.

In 2009, legacy SLM introduced its Smart Option Student Loan product and began underwriting private education loans with a proprietary custom credit score. The custom credit score included income-based factors, which led to a significant increase in the percentage of loans requiring a co-signer, typically a parent. The initial loans originated under the Smart Option Student Loan program (the "Interest Only SOSLs") were variable rate loans and required interest payments by borrowers while in school, which reduced the amounts payable over the loans' lives and helped establish repayment habits among borrowers. In 2010, legacy SLM introduced a second option for its Smart Option Student Loan customers, which required a \$25 fixed monthly payment while borrowers were in school (the "Fixed Pay SOSLs"). In 2011, legacy SLM introduced another option for its Smart Option Student Loan customers, which allowed borrowers to defer interest and principal payments until after a student graduates or separates from school (the "Deferred SOSLs"). In 2012, legacy SLM introduced a fixed rate loan option for its Interest Only, Fixed Pay and Deferred SOSLs. Borrowers must select which of these options they prefer at the time of loan origination and are not permitted to change those options once selected.

In 2011, legacy SLM included private education loans originated under the Smart Option Student Loan program in its ABS pools for the first time. Between 2011 and 2014, the mix of Smart Option Student Loans included in legacy SLM's private education loan ABS steadily increased as a percentage of the collateral pools, from 10% initially to 64% in later transactions.

Sallie Mae Bank's Private Education Loan and ABS Programs Post-Spin-Off

Originations. Following the Spin-Off, Sallie Mae Bank continued to originate loans under the Smart Option Student Loan program. As of December 31, 2020, it owned \$19.7 billion of private education loans (gross) in its held for investment portfolio, the vast majority of which were Smart Option Student Loans originated since 2013.

Servicing. Immediately prior to the Spin-Off, Sallie Mae Bank assumed responsibility for collections of delinquent loans on the vast majority of its Smart Option Student Loan portfolio. Following the Spin-Off Date, Navient continued to service all private education loans owned by the two companies on its servicing platform until October 2014, when servicing for the vast majority of Sallie Mae Bank's private education loan portfolio was transitioned to Sallie Mae Bank. Sallie Mae Bank now services and is responsible for collecting the vast majority of the Smart Option Student Loans it owns.

Securitization and Sales. In August 2014, Sallie Mae Bank sponsored its first private education loan ABS, SMB Private Education Loan Trust 2014-A (the "SMB 2014-A transaction"). Because this transaction occurred prior to the transfer of loan servicing from Navient to Sallie Mae Bank, Sallie Mae Bank acted as master servicer for the transaction and Navient as subservicer, and the loan pool is serviced pursuant to Navient servicing policies. In April 2015 and October 2015, Sallie Mae Bank sponsored securitizations and residual sales, SMB Private Education Loan Trust 2015-A and SMB Private Education Loan Trust 2015-C, respectively. In the first quarters of 2020 and 2021, Sallie Mae Bank sold \$3.1 billion and \$3.16 billion, respectively, of Private Education Loans to unaffiliated third parties. Sallie Mae Bank also sponsored on-balance sheet term securitizations as follows:

Date	Transaction	Date	Transaction	Date	Transaction
July 2015	SMB Private Education Loan Trust 2015-B	May 2016	SMB Private Education Loan Trust 2016-A	February 2017	SMB Private Education Loan Trust 2017-A
July 2016	SMB Private Education Loan Trust 2016-B	October 2016	SMB Private Education Loan Trust 2016-C	November 2017	SMB Private Education Loan Trust 2017-B
March 2018	SMB Private Education Loan Trust 2018-A	June 2018	SMB Private Education Loan Trust 2018-B	September 2018	SMB Private Education Loan Trust 2018-C
March 2019	SMB Private Education Loan Trust 2019-A	June 2019	SMB Private Education Loan Trust 2019-B	February 2020	SMB Private Education Loan Trust 2020-A
August 2020	SMB Private Education Loan Trust 2020-B	May 2021	SMB Private Education Loan Trust 2021-B	August 2021	SMB Private Education Loan Trust 2021-D

Sallie Mae Bank services the loans in all of the securitizations it has sponsored following the SMB 2014-A transaction.

Additional Information. Prior to the Spin-Off, all Smart Option Student Loans were originated and initially held by Sallie Mae Bank, as a subsidiary of legacy SLM. Sallie Mae Bank typically then sold certain of the performing Smart Option Student Loans to an affiliate of legacy SLM for securitization. Additionally, on a monthly basis Sallie Mae Bank sold all loans that were over 90 days past due, in forbearance, restructured or involved in a bankruptcy to an affiliate of legacy SLM. As a result of this second practice, prior to the occurrence of the Spin-Off, historical performance data for Sallie Mae Bank's Smart Option Student Loan portfolio reflected minimal later stage delinquencies, forbearance or charge-offs.

Legacy SLM collected Smart Option Student Loans pursuant to policies that required loans be charged off after 212 days of delinquency. In April 2014, Sallie Mae Bank began collecting the vast majority of its Smart Option Student Loans pursuant to policies that required loans be charged off after 120 days of delinquency, in accordance with bank regulatory guidance. For the reasons described above, a portion of Sallie Mae Bank's historical performance data does not reflect current collections and charge off practices and may not be indicative of the future performance of the Bank's Smart Option Student Loans.

Important Information Regarding Historical Loan Performance Data (cont.)

Types of Smart Option Student Loan Portfolio Data

The portfolio data we used in this report comes from three separate sources of information about the loans we service:

(1) <u>Combined Smart Option Student Loan Portfolio Data for Legacy SLM, Navient and Sallie Mae Bank</u>. Information in this category is presented on a combined basis for loans originated under the Smart Option Student Loan program, whether originated by Sallie Mae Bank when it was part of legacy SLM or by Sallie Mae Bank post Spin-Off, and regardless of whether the loan is currently held by an ABS trust, or held or serviced by Navient or Sallie Mae Bank. Data in this category is used in the tables below under the following headings:

"Cumulative Defaults by P&I Repayment Vintage and Years Since First P&I Repayment Period" – Only for 2010-2014 P&I Repayment Vintages

This combined Smart Option Student Loan portfolio data provides insight into gross defaults of the covered vintages of Smart Option Student Loans since 2010, regardless of ownership or servicing standard. Data available for earlier periods includes a limited number of Smart Option Student Loan product types.

Loans contained in the combined Smart Option Student Loan portfolio category were serviced by legacy SLM prior to the Spin-Off, and by either Navient or Sallie Mae Bank after the Spin-Off. As noted above, loans serviced by legacy SLM and Navient were serviced pursuant to different policies than those loans serviced by Sallie Mae Bank after the Spin-Off. Specifically, legacy SLM charged off loans after 212 days of delinquency, and Navient has continued this policy. Sallie Mae Bank currently charges off loans after 120 days of delinquency. All loans included in the combined Smart Option Student Loan portfolio that were serviced by legacy SLM prior to the Spin-Off were serviced pursuant to a 212-day charge off policy. Following the Spin-Off, a portion of the loans included in the combined Smart Option Student Loan portfolio data have been serviced by Navient pursuant to a 212-day charge off policy, and a portion have been serviced by Sallie Mae Bank pursuant to a 120-day charge off policy. As a result, future performance of loans serviced by Sallie Mae Bank may differ from the historical performance of loans reflected in this combined Smart Option Student Loan portfolio data.

(2) Smart Option Student Loan Portfolio Data for Sallie Mae Bank Serviced Loans. Information in this category is presented for loans originated under the Smart Option Student Loan program, whether originated by Sallie Mae Bank when it was part of legacy SLM or by Sallie Mae Bank post Spin-Off, and regardless of whether the loan is currently held by an ABS trust. All loans in this category are serviced by Sallie Mae Bank. Data in this category is used in the tables below under the following headings:

- "30-59 Day Delinquencies as a Percentage of Loans in P&I Repayment;"
- "60-89 Day Delinguencies as a Percentage of Loans in P&I Repayment;"
- "90-plus Day Delinquencies as a Percentage of Loans in P&I Repayment;"

- "Forbearance as a Percentage of Loans in P&I Repayment and Forbearance;"
- · "Annualized Gross Defaults as a Percentage of Loans in P&I Repayment;" and
- "Cumulative Defaults by P&I Repayment Vintage and Years Since First P&I Repayment Period" Only for 2015-2020 P&I Repayment Vintages

In relation to cumulative defaults, the Sallie Mae Bank Serviced portfolio data provides insight into gross defaults of the Smart Option Student Loans covered and serviced by Sallie Mae Bank since 2015, regardless of ownership. We believe historical loan performance data since 2015 is more representative of the expected performance of Smart Option Student Loans to be included in new Sallie Mae Bank trusts than data available for earlier periods. Loans contained in the Smart Option Student Loan Portfolio Data for Sallie Mae Bank Serviced Loans category were serviced by legacy SLM prior to the Spin-Off, and by Sallie Mae Bank after the Spin-Off. Sallie Mae Bank currently charges off loans after 120 days of delinquency.

(3) Legacy SLM Consolidated Smart Option Student Loan Portfolio Data prior to the Spin-Off Date, and Sallie Mae Bank-Only Smart Option Student Loan Data from and after the Spin-Off Date for Smart Option Student Loans owned or serviced by legacy SLM prior to the Spin-Off, and (b) from and after the Spin-Off Date for Smart Option Student Loans serviced by Sallie Mae Bank from and after the Spin-Off. Data in this category is used in the tables below under the following headings:

- "Voluntary Constant Prepayment Rates by Disbursement Vintage and Product;" and
- "Total Constant Prepayment Rates by Disbursement Vintage and Product."

This consolidated Smart Option Student Loan portfolio data provides insight into historical prepayment rates specifically of the Smart Option Student Loans covered, regardless of the loans' ownership at the time, or whether the loans serve as collateral for an ABS trust.

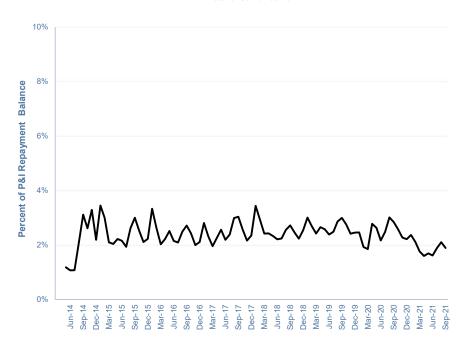
Loans owned or serviced by legacy SLM and contained in this consolidated Smart Option Student Loan portfolio category were serviced pursuant to legacy SLM servicing policies prior to the Spin-Off. Loans serviced by Sallie Mae Bank and contained in this consolidated Smart Option Student Loan portfolio were serviced pursuant to Sallie Mae Bank servicing policies since the Spin-Off. The servicing policies of legacy SLM were different than the servicing policies of Sallie Mae Bank. Specifically, legacy SLM charged off loans after 212 days of delinquency in accordance with bank regulatory quidance. As a result, future performance of loans serviced by Sallie Mae Bank may differ from the historical performance of loans reflected in this consolidated Smart Option Student Loan portfolio data.

Any data or other information presented in the following charts is for comparative purposes only and is not to be deemed a part of any offering of securities.

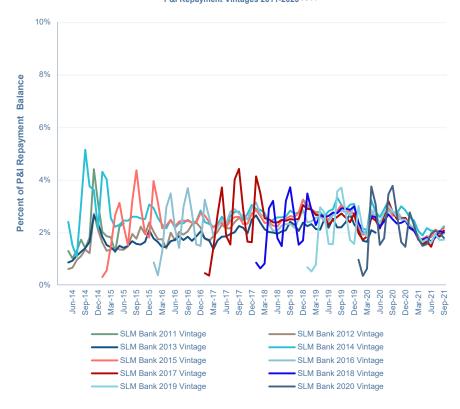
A portion of the Smart Option Student Loan performance data described above was provided to Sallie Mae Bank by Navient under a data sharing agreement executed in connection with the Spin-Off. This data sharing agreement expired on April 29, 2019 and, as a result, cumulative gross default data for pre-2015 P&I Repayment Vintages is held static as of December 31, 2018. Under the data sharing agreement, Navient made no representations or warranties to Sallie Mae Bank concerning the accuracy and completeness of information that it provided. Sallie Mae Bank has not independently verified, and is not able to verify, the accuracy or completeness of the data provided under the agreement. Additionally, with the expiration of the data sharing agreement, recovery data will not be updated subsequent to the December 31, 2018 report. This static recovery data will remain available in an Excel workbook uploaded on the website at https://www.salliemae.com/investors/asset-backed-securities.

Smart Option Serviced Portfolio: 30-59 Day Delinquencies

Smart Option Student Loans - Serviced Portfolio 30-59 Day Delinquencies⁽⁴⁾ as a % of Loans in P&I Repayment ⁽¹⁾ Data for Sallie Mae Bank



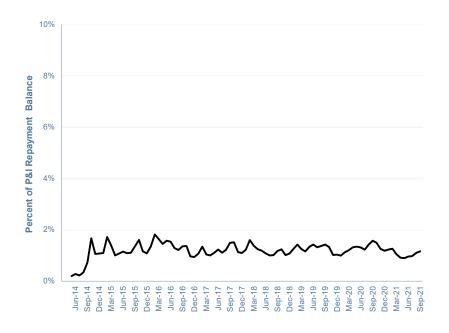
Smart Option Student Loans - Serviced Portfolio 30-59 Day Delinquencies⁽⁴⁾ as a % of Loans in P&I Repayment ⁽¹⁾ Data for Sallie Mae Bank P&I Repayment Vintages 2011-2020 ^{(2), (3)}



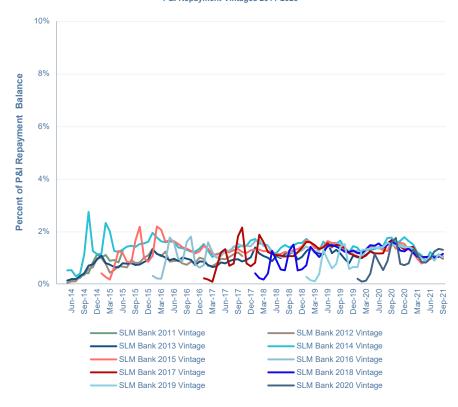
- (1) Loans in P&I Repayment include only those loans for which scheduled principal and interest payments were due at the end of the applicable monthly reporting period.
- (2) P&I Repayment Vintage is defined as the calendar year during which a borrower is first required to make full principal and interest payments on the loan.
- (3) Vintage performance history excludes data points for a vintage when the balance of loans in P&I Repayment outstanding in that vintage constitutes less than 1% of total balance of loans in P&I Repayment outstanding for all vintages.
- (4) Data for delinquencies occurring prior to Q1 2021 and reflected in the graph above is based on delinquency bucket period previously used (i.e., 31-60 days). Data for delinquencies occurring Q1 2021 onwards is based on an updated delinquency bucket period (i.e., 30-59 days) to conform with delinquency bucket periods defined by the FFIEC.

Smart Option Serviced Portfolio: 60-89 Day Delinquencies

Smart Option Student Loans - Serviced Portfolio 60-89 Day Delinquencies⁽⁴⁾ as a % of Loans in P&I Repayment ⁽¹⁾ Data for Sallie Mae Bank



Smart Option Student Loans - Serviced Portfolio 60-89 Day Delinquencies⁽⁴⁾ as a % of Loans in P&I Repayment ⁽¹⁾ Data for Sallie Mae Bank P&I Repayment Vintages 2011-2020 ^{(2), (3)}



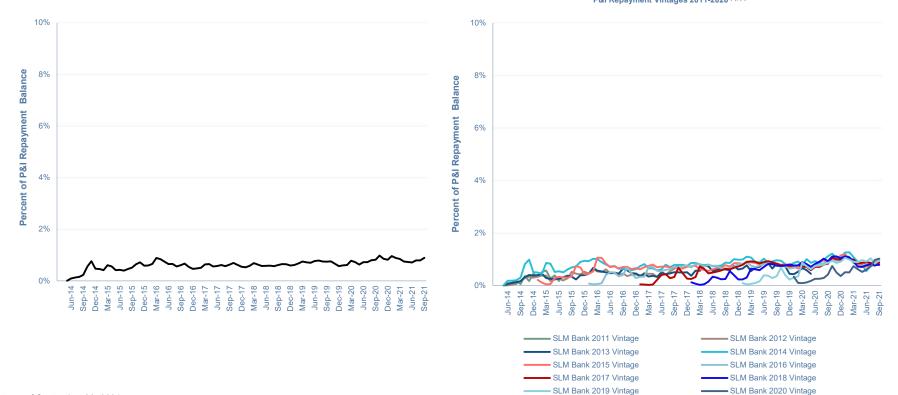
- (1) Loans in P&I Repayment include only those loans for which scheduled principal and interest payments were due at the end of the applicable monthly reporting period.
- (2) P&I Repayment Vintage is defined as the calendar year during which a borrower is first required to make full principal and interest payments on the loan.
- (3) Vintage performance history excludes data points for a vintage when the balance of loans in P&I Repayment outstanding in that vintage constitutes less than 1% of total balance of loans in P&I Repayment outstanding for all vintages.
- (4) Data for delinquencies occurring prior to Q1 2021 and reflected in the graph above is based on delinquency bucket period previously used (i.e., 61-90 days). Data for delinquencies occurring Q1 2021 onwards is based on an updated delinquency bucket period (i.e., 60-89 days) to conform with delinquency bucket periods defined by the FFIEC.

Smart Option Serviced Portfolio: 90+ Day Delinquencies

Smart Option Student Loans - Serviced Portfolio 90+ Day Delinquencies⁽⁴⁾ as a % of Loans in P&I Repayment ⁽¹⁾ Data for Sallie Mae Bank Smart Option Student Loans - Serviced Portfolio

90+ Day Delinquencies⁽⁴⁾ as a % of Loans in P&I Repayment ⁽¹⁾

Data for Sallie Mae Bank
P&I Repayment Vintages 2011-2020 ^{(2), (3)}

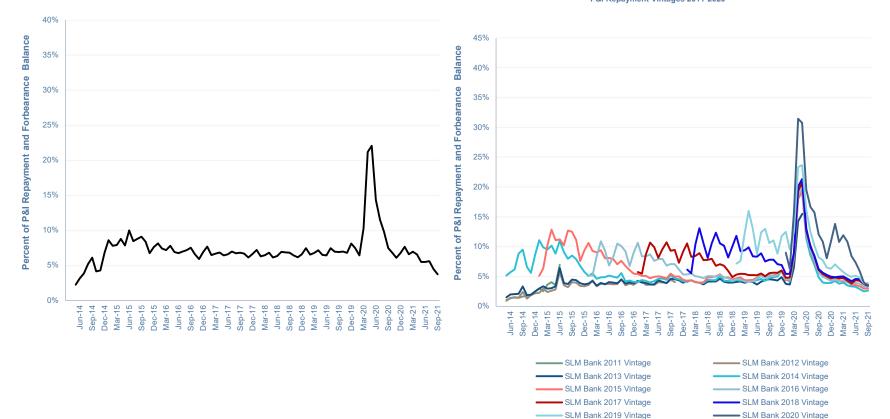


- (1) Loans in P&I Repayment include only those loans for which scheduled principal and interest payments were due at the end of the applicable monthly reporting period.
- (2) P&I Repayment Vintage is defined as the calendar year during which a borrower is first required to make full principal and interest payments on the loan.
- (3) Vintage performance history excludes data points for a vintage when the balance of loans in P&I Repayment outstanding in that vintage constitutes less than 1% of total balance of loans in P&I Repayment outstanding for all vintages.
- (4) Data for delinquencies occurring prior to Q1 2021 and reflected in the graph above is based on delinquency bucket period previously used (i.e., 91 days and greater). Data for delinquencies occurring Q1 2021 onwards is based on an updated delinquency bucket period (i.e., 90 days and greater) to conform with delinquency bucket periods defined by the FFIEC.

Smart Option Serviced Portfolio: Forbearance

Smart Option Student Loans - Serviced Portfolio
Forbearance as a % of Loans in P&I Repayment and Forbearance (1)
Data for Sallie Mae Bank

Smart Option Student Loans - Serviced Portfolio
Forbearance as a % of Loans in P&I Repayment and Forbearance (1),(2)
Data for Sallie Mae Bank
P&I Repayment Vintages 2011-2020(3),(4)

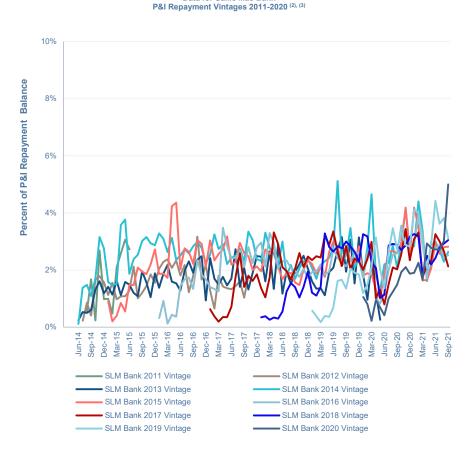


- (1) Loans in P&I Repayment include only those loans for which scheduled principal and interest payments were due at the end of the applicable monthly reporting period.
- (2) COVID-related disaster forbearance includes activity of current as well as delinquent accounts.
- 3) P&I Repayment Vintage is defined as the calendar year during which a borrower is first required to make full principal and interest payments on the loan.
- (4) Vintage performance history excludes data points for a vintage when the balance of loans in P&I Repayment outstanding in that vintage constitutes less than 1% of total balance of loans in P&I Repayment outstanding for all vintages.

Smart Option Serviced Portfolio: Annualized Gross Defaults

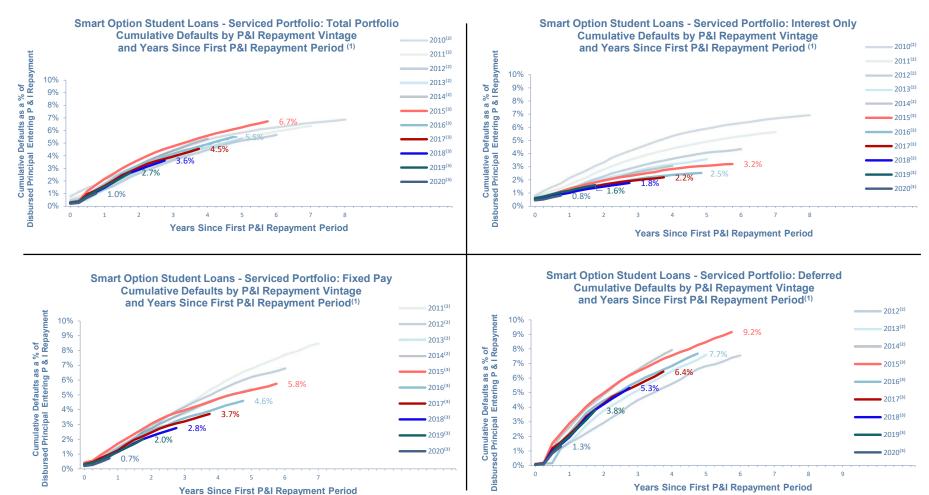
Smart Option Student Loans - Serviced Portfolio Annualized Gross Defaults as a % of Loans in P&I Repayment⁽¹⁾ Data for Sallie Mae Bank

Smart Option Student Loans - Serviced Portfolio Annualized Gross Defaults as a % of Loans in P&I Repayment⁽¹⁾ Data for Sallie Mae Bank



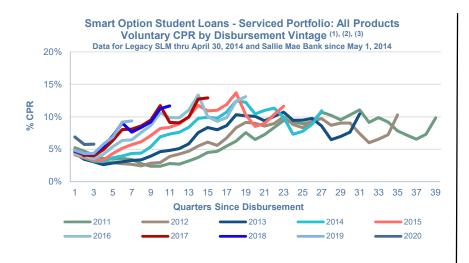
- (1) Loans in P&I Repayment include only those loans for which scheduled principal and interest payments were due at the end of the applicable monthly reporting period.
- (2) P&I Repayment Vintage is defined as the calendar year during which a borrower is first required to make full principal and interest payments on the loan.
- (3) Vintage performance history excludes data points for a vintage when the balance of loans in P&I Repayment outstanding in that vintage constitutes less than 1% of total balance of loans in P&I Repayment outstanding for all vintages.

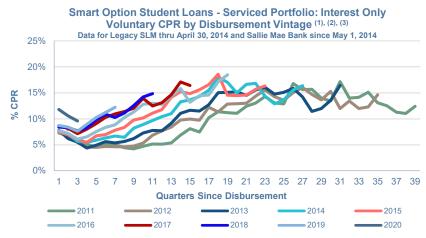
Smart Option Vintage Data: Cumulative Gross Default by Loan Type

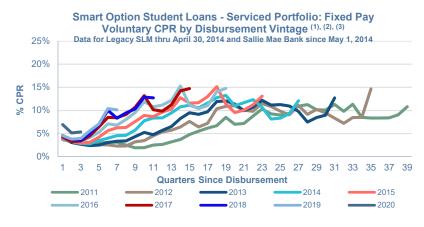


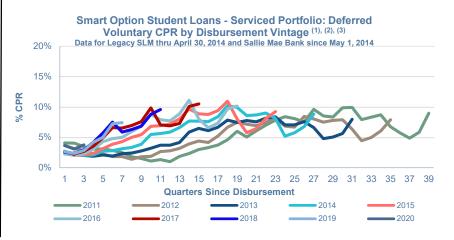
- 1) Please see page 18 for a description and explanation of the data and calculations underlying these charts.
- 2) Data static as of December 31, 2018 for Legacy SLM, Navient and Sallie Mae Bank serviced portfolios combined. Certain data used in the charts above was provided by Navient under a data sharing agreement which expired on April 29, 2019 (see page 4 for more details). Sallie Mae Bank has not independently verified, and is not able to verify, the accuracy or completeness of the data provided under the agreement.
- (3) Data as of September 30, 2021 for Sallie Mae Bank serviced loans only All loans covered are serviced by Sallie Mae Bank, regardless of whether the loans were originated by Sallie Mae Bank when it was part of legacy SLM, or by Sallie Mae Bank post Spin-Off, and regardless of whether the loans were included in an ABS trust.

Smart Option Vintage Data: Voluntary Prepayments





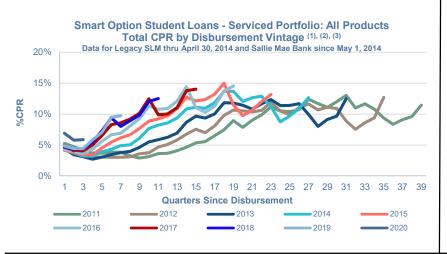


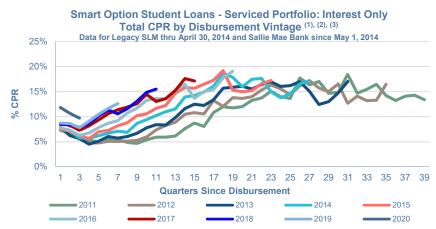


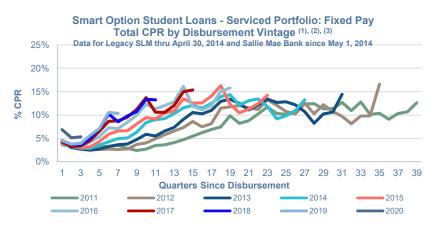
- (1) Please see pages 19 & 20 for a description and explanation of the data and calculations underlying these charts.
- (2) Data for all loans from initial disbursement, whether or not scheduled payments are due. Voluntary CPR includes only voluntary prepayments.
- Loans in a particular annual Disbursement Vintage are disbursed at different times during the Disbursement Vintage year. Prepayment data is not reported for loans in a particular annual Disbursement Vintage are disbursed. Once reporting starts, data reflects prepayments that occurred in a particular period based on the number of months all loans in that annual Disbursement Vintage have been disbursed. For example, in the charts above: (i) prepayment data reported for loans in the 2020 Disbursement Vintage represents prepayments occurring during the first 9 months (i.e., first three quarters) after a loan was disbursed regardless of the month in 2020 during which such loan was disbursed. In one was disbursed regardless of the month in 2020 during which such loan was disbursed.

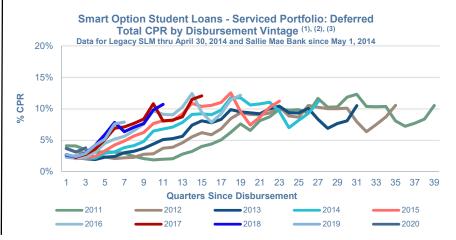
Smart Option Vintage Data: Total Prepayments

Following the initial few years after disbursement, total prepayments begin to rise more quickly as loans begin to default.









- (1) Please see pages 19 & 20 for a description and explanation of the data and calculations underlying these charts.
- (2) Data for all loans from initial disbursement, whether or not scheduled payments are due.
- (3) Loans in a particular annual Disbursement Vintage are disbursed at different times during the Disbursement Vintage year. Prepayment data is not reported for loans in a particular annual Disbursement Vintage are disbursed. Once reporting starts, data reflects prepayments that occurred in a particular period based on the number of months all loans in that annual Disbursement Vintage have been disbursed. For example, in the charts above: (i) prepayment data reported for loans in the 2020 Disbursement Vintage represents prepayments occurring during the first 9 months (i.e., first three quarters) after a loan was disbursed regardless of the month in 2020 during which such loan was disbursed; and (ii) prepayment data for loans in the 2019 Disbursement Vintage represents prepayments occurring during the first 21 months (i.e., first seven quarters) after a loan was disbursed regardless of the month in 2019 during which such loan was disbursed.

Cohort Default Triangles - Smart Option Combined (Interest Only, Fixed Payment & Deferred)

	Sma	art Op	tion C	Combir	ned (P8	kl Repa	ayment	- Total)			
P&I Repayment	Disbursed Principal						Defaults I			(4) (5)		
Vintage	Entering P&I				y Years Si							
(2)	Repayment (\$m)	0	1	2	3	4	5	6	7	8	9	Total
2010 ⁽²⁾	499	0.8%	1.3%	1.2%	1.1%	0.9%	0.6%	0.4%	0.4%	0.3%		6.9%
2011 ⁽²⁾	1083	0.6%	0.9%	1.2%	1.1%	0.9%	0.7%	0.5%	0.4%			6.4%
2012 ⁽²⁾	1577	0.5%	0.9%	1.3%	1.0%	0.8%	0.7%	0.4%				5.7%
2013 ⁽²⁾	2163	0.4%	1.0%	1.4%	1.0%	0.9%	0.7%					5.4%
2014 ⁽²⁾	2790	0.3%	1.5%	1.4%	1.2%	0.9%						5.4%
2015 ⁽³⁾	2490	0.3%	1.8%	1.5%	1.1%	0.8%	0.7%	0.5%				6.7%
2016 ⁽³⁾	3177	0.2%	1.4%	1.5%	1.0%	0.8%	0.6%					5.5%
2017 ⁽³⁾	3801	0.3%	1.3%	1.4%	0.9%	0.6%						4.5%
2018 ⁽³⁾	4197	0.2%	1.2%	1.4%	0.7%							3.6%
2019(3)	4485	0.3%	1.2%	1.2%								2.7%
2020 ⁽³⁾	4350	0.2%	0.8%									1.0%
	Smart	Optio	n Cor	nbined	l (P&I F							
P&I Repayment	Disbursed Principal Entering P&I			h	y Years Si		Defaults I			4), (5)		
Vintage	Repayment (\$m)	0	1	2	y rears o	4	. Рал Кер. 5	ayment P	7	8	9	Total
2010 ⁽²⁾	474	0.8%	1.3%	1.1%	1.1%	0.9%	0.6%	0.4%	0.4%	0.3%		6.7%
2011 ⁽²⁾	994	0.6%	0.8%	1.1%	1.0%	0.8%	0.7%	0.5%	0.4%	0.570		5.9%
2011 2012 ⁽²⁾	1442	0.4%	0.7%	1.1%	0.9%	0.8%	0.7%	0.4%	0.470			5.1%
2012 2013 ⁽²⁾	1958	0.4%	0.8%	1.3%	0.9%	0.8%	0.7%	0.470				4.8%
2013 2014 ⁽²⁾	2513	0.3%	1.2%	1.3%	1.1%	0.9%	0.770					4.7%
2014 2015 ⁽³⁾	2220	0.3%	1.5%	1.4%	1.0%	0.8%	0.6%	0.5%				6.0%
2015 ⁽³⁾	2845	0.2%	1.2%	1.4%	0.9%	0.7%	0.6%	0.570				5.0%
2010 2017 ⁽³⁾	3411	0.2%	1.1%	1.4%	0.8%	0.6%	0.070					4.2%
2017 2018 ⁽³⁾	3774	0.2%	1.1%	1.4%	0.7%	0.070						3.4%
2018 2019 ⁽³⁾	4041	0.2%	1.1%	1.1%	0.770							2.5%
2019 2020 ⁽³⁾	3938	0.3%	0.7%	1.1/0								0.9%
2020	Smart O	-		inod (DSI Da	navmo	ont No	Coci	anor)			0.9%
	Disbursed Principal	puon	COITIL	illeu (Defaults I					
P&I Repayment Vintage	Entering P&I				y Years Si				eriod (1), (
•	Repayment (\$m)	0	1	2	3	4	5	6	7	8	9	Total
2010 ⁽²⁾	25	1.0%	2.5%	1.9%	1.7%	1.1%	0.6%	0.2%	0.3%	0.2%		9.7%
2011(2)	89	1.4%	2.7%	2.3%	2.0%	1.4%	1.0%	0.7%	0.5%			12.0%
2012(2)	135	1.0%	2.6%	2.9%	2.0%	1.3%	1.1%	0.7%				11.7%
2013 ⁽²⁾	206	0.8%	2.9%	3.1%	1.8%	1.4%	0.9%					11.0%
2014 ⁽²⁾	277	0.9%	4.1%	3.0%	2.0%	1.4%						11.5%
2015(3)	270	1.0%	4.3%	2.6%	1.8%	1.2%	1.1%	0.6%				12.5%
2016 ⁽³⁾	332	0.6%	3.0%	2.5%	1.5%	1.1%	0.7%					9.3%
2017 ⁽³⁾	391	0.6%	2.9%	1.9%	1.3%	0.7%						7.4%
2018(3)	423	0.5%	2.6%	1.9%	1.0%							6.0%
2019 ⁽³⁾	445	0.5%	2.4%	1.6%								4.5%
2020(3)	412	0.4%	1.7%									2.2%

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⁽⁴⁾ Numerator is the Periodic Defaults in each P&I Repayment Vintage. Denominator is the amount of Disbursed Principal for that P&I Repayment Vintage.

⁽⁵⁾ Most recent data point for any P&I Repayment Vintage is for a partial year.

Cohort Default Triangles – Smart Option Interest Only

	Smart	Option	n Int <u>e</u> i	est O	nly (P	&I Re	paym	ent - T	Total)			
P&I	Disbursed Principal Periodic Defaults Percentage t Entering P&I by Years Since First P&I Repayment Period (1), (4), (5)											
Repayment	Entering P&I											
Vintage	Repayment (\$m)	0	1	2	3	4	5	6	7	8	9	Total
2010 ⁽²⁾	491	0.8%	1.3%	1.2%	1.1%	0.9%	0.6%	0.4%	0.4%	0.2%		6.9%
2011 ⁽²⁾	808	0.8%	0.9%	1.1%	0.9%	0.7%	0.5%	0.4%	0.3%			5.6%
2012 ⁽²⁾	810	0.7%	0.7%	0.9%	0.7%	0.6%	0.5%	0.3%				4.4%
2013 ⁽²⁾	823	0.6%	0.6%	0.9%	0.6%	0.5%	0.4%					3.6%
2014 ⁽²⁾	849	0.5%	0.7%	0.7%	0.6%	0.5%						3.1%
2015 ⁽³⁾	570	0.6%	0.8%	0.6%	0.4%	0.4%	0.2%	0.1%				3.2%
2016 ⁽³⁾	747	0.5%	0.6%	0.6%	0.4%	0.3%	0.1%					2.5%
2017 ⁽³⁾	951	0.6%	0.5%	0.5%	0.4%	0.2%						2.2%
2018 ⁽³⁾	1098	0.5%	0.5%	0.5%	0.3%							1.8%
2019 ⁽³⁾	1170	0.6%	0.6%	0.4%								1.6%
2020 ⁽³⁾	1129	0.5%	0.4%									0.8%
	Smart Op	tion Ir	nteres	t Only						r)		
P&I	Disbursed Principal Entering P&I			h\/-				Percent ayment		(1) (4) (5)		
Repayment Vintage	Repayment (\$m)	0	1	by re	ars Sin	e First	Рал Кер 5	aymeni 6	Period 7	8	9	Total
2010 ⁽²⁾	467	0.8%	1.3%	1.1%	1.1%	0.9%	0.6%	0.4%	0.4%	0.3%	-	6.8%
2010 2011 ⁽²⁾	746	0.7%	0.8%	1.1%	0.9%	0.5%	0.5%	0.4%	0.4%	0.3/0		5.3%
2011 2012 ⁽²⁾	748	0.7%	0.6%	0.8%	0.5%	0.6%	0.3%	0.4%	0.5/0			4.0%
2012 2013 ⁽²⁾	754	0.5%	0.5%	0.8%	0.7%	0.4%	0.4%	0.5/0				3.2%
2013 2014 ⁽²⁾	754 771	0.5%	0.5%	0.6%	0.5%	0.4%	0.4%					2.6%
2014 2015 ⁽³⁾	497	0.5%	0.6%	0.5%	0.0%	0.4%	0.2%	0.1%				2.8%
2015 2016 ⁽³⁾	650	0.5%	0.5%	0.5%	0.4%	0.4%	0.2%	0.1%				2.8%
2016 2017 ⁽³⁾	829	0.4%	0.5%	0.5%	0.4%	0.3%	0.1%					1.9%
2017 2018 ⁽³⁾			•			0.2%						
2018 ⁽³⁾	964	0.4%	0.5%	0.4%	0.3%							1.6%
2019 ⁽³⁾	1034	0.6%	0.5%	0.4%								1.4%
2020	1012	0.4%	0.3%	Omb (ם פו ד)on ou		No C	'a ai au	"		0.7%
P&I	Smart Option Disbursed Principal	on Inc	erest	Only (Percent		ier)		
Repayment	Entering P&I			by Ye				ayment		(1), (4), (5)		
Vintage	Repayment (\$m)	0	1	2	3	4	5	6	7	8	9	Total
2010 ⁽²⁾	24	1.0%	2.5%	1.8%	1.7%	1.2%	0.6%	0.2%	0.3%	0.2%		9.7%
2011 ⁽²⁾	62	1.7%	2.2%	2.0%	1.6%	1.1%	0.7%	0.5%	0.3%			10.0%
2012 ⁽²⁾	62	1.3%	1.8%	2.3%	1.4%	0.9%	0.7%	0.4%				8.8%
2013 ⁽²⁾	69	1.5%	2.1%	2.0%	1.3%	0.9%	0.4%					8.2%
2014 ⁽²⁾	78	1.4%	2.1%	1.8%	1.2%	0.9%						7.3%
2015 ⁽³⁾	73	1.3%	2.0%	1.2%	0.7%	0.5%	0.4%	0.2%				6.2%
2016 ⁽³⁾	97	1.0%	1.4%	1.1%	0.8%	0.5%	0.2%					5.0%
2017 ⁽³⁾	121	1.1%	1.3%	0.8%	0.6%	0.3%						4.1%
2018 ⁽³⁾	134	0.9%	1.1%	1.0%	0.4%							3.3%
2019 ⁽³⁾	136	0.9%	1.4%	0.8%								3.1%
2020 ⁽³⁾	117	1.0%	0.8%									1.8%

⁽¹⁾ Please see page 18 for a description and explanation of the data and calculations underlying these charts.

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⁽⁴⁾ Numerator is the Periodic Defaults in each P&I Repayment Vintage. Denominator is the amount of Disbursed Principal for that P&I Repayment Vintage.

⁽⁵⁾ Most recent data point for any P&I Repayment Vintage is for a partial year.

Cohort Default Triangles – Smart Option Fixed Payment

	Smart C	ption	Fixed	Payn	nent (F	- - - - - - - - - - - - - - - - - - -	epaym	ent - ¯	Total)_			
P&I	Disbursed Principal				Pe	riodic De	efaults F	Percenta	ge			
Repayment	Entering P&I								Period (1)			
Vintage	Repayment (\$m)	0	1	2	3	4	5	6	7	8	9	Total
2011 ⁽²⁾	271	0.2%	1.1%	1.5%	1.5%	1.4%	1.1%	0.9%	0.7%			8.5%
2012 ⁽²⁾	520	0.4%	0.9%	1.7%	1.2%	1.1%	0.9%	0.6%				6.8%
2013 ⁽²⁾	697	0.4%	1.0%	1.4%	1.0%	1.0%	0.7%					5.4%
2014 ⁽²⁾	948	0.4%	1.1%	1.3%	1.1%	0.9%						4.7%
2015 ⁽³⁾	781	0.4%	1.3%	1.3%	0.9%	0.8%	0.6%	0.4%				5.8%
2016 ⁽³⁾	1008	0.4%	1.0%	1.2%	0.9%	0.7%	0.5%					4.6%
2017 ⁽³⁾	1168	0.3%	0.9%	1.2%	0.7%	0.5%						3.7%
2018 ⁽³⁾	1261	0.3%	0.9%	1.0%	0.6%							2.8%
2019 ⁽³⁾	1373	0.3%	0.8%	0.9%								2.0%
2020 ⁽³⁾	1379	0.2%	0.5%									0.7%
	Smart Opti	on Fix	xed Pa	aymer	nt (P&	Repa	aymen	t - Co	-signe	r)		
P&I	Disbursed Principal					riodic De				(4) (5)		
Repayment Vintage	Entering P&I Repayment (\$m)	0	1	by Yea	ars Sinc	e First P 4	%IRepa 5	ayment F 6	Period ⁽¹⁾ 7	8	9	Total
2011 ⁽²⁾						-				0	9	
2011 ⁽⁷⁾	245	0.1%	0.8%	1.3%	1.3%	1.3%	1.1%	0.9%	0.7%			7.6%
	475	0.3%	0.7%	1.5%	1.1%	1.0%	0.9%	0.6%				6.1%
2013 ⁽²⁾	637	0.3%	0.8%	1.3%	0.9%	1.0%	0.7%					4.9%
2014 ⁽²⁾	865	0.3%	0.9%	1.2%	1.1%	0.9%						4.3%
2015 ⁽³⁾	704	0.3%	1.1%	1.2%	0.8%	0.7%	0.5%	0.4%				5.1%
2016 ⁽³⁾	907	0.3%	0.9%	1.1%	0.8%	0.6%	0.5%					4.2%
2017 ⁽³⁾	1051	0.3%	0.8%	1.2%	0.7%	0.5%						3.49
2018 ⁽³⁾	1135	0.2%	0.8%	1.0%	0.5%							2.5%
2019 ⁽³⁾	1234	0.3%	0.7%	0.8%								1.89
2020 ⁽³⁾	1239	0.2%	0.4%									0.6%
	Smart Option	n Fixe	d Pay	ment						ner)		
P&I Repayment	Disbursed Principal Entering P&I			hy Ve:		riodic De			ige Period ⁽¹⁾), (4), (5)		
Vintage	Repayment (\$m)	0	1	2	3	4	5	6	7	8	9	Total
2011 ⁽²⁾	26	0.9%	3.9%	3.0%	2.9%	2.1%	1.6%	1.0%	0.9%			16.49
2012 ⁽²⁾	45	1.3%	2.6%	3.9%	2.3%	1.7%	1.3%	0.8%	3.370			14.09
2012 2013 ⁽²⁾	60	1.0%	2.6%	3.0%	1.7%	1.3%	1.0%	3.0,0				10.79
2014 ⁽²⁾	82	1.2%	3.1%	2.5%	1.6%	1.3%	2.0,0					9.7%
2014 2015 ⁽³⁾	77	1.5%	2.9%	2.8%	1.8%	1.1%	1.0%	0.6%				11.7%
2015 ⁽³⁾	102	0.9%	2.3%	2.1%	1.4%	1.1%	0.4%	J.U/0				8.3%
2016 2017 ⁽³⁾	102	0.5%	2.3%	1.6%	1.4%	0.7%	J.4/0					6.49
2017 ⁽³⁾	126	0.7%	2.1%	1.6%	0.8%	U. 1%						5.19
2018 ⁽³⁾		•,-			U.8%							
2019 ⁽³⁾	139	0.6%	1.6%	1.4%								3.6%
2020	139	0.3%	1.3%									1.6%

⁽¹⁾ Please see page 18 for a description and explanation of the data and calculations underlying these charts.

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⁽⁵⁾ Most recent data point for any P&I Repayment Vintage is for a partial year.

Cohort Default Triangles – Smart Option Deferred Payment

	Smar	t Optio	on De	ferred	(P&I	Repay	/ment	- Tota	l)			
P&I	Disbursed Principal				Peri	odic De	faults P	ercentag	je			
Repayment	Entering P&I						&I Repa	yment Po	eriod ⁽¹			
Vintage	Repayment (\$m)	0	1	2	3	4	5	6	7	8	9	Total
2012 ⁽²⁾	247	0.1%	1.5%	1.4%	1.6%	1.1%	1.2%	0.7%				7.6%
2013 ⁽²⁾	643	0.1%	1.6%	2.1%	1.4%	1.3%	1.1%					7.6%
2014 ⁽²⁾	993	0.1%	2.5%	2.2%	1.7%	1.4%						7.9%
2015 ⁽³⁾	1139	0.1%	2.8%	2.1%	1.5%	1.1%	0.9%	0.7%				9.2%
2016 ⁽³⁾	1422	0.0%	2.2%	2.2%	1.3%	1.1%	0.8%					7.7%
2017 ⁽³⁾	1683	0.1%	2.0%	2.1%	1.3%	0.9%						6.4%
2018 ⁽³⁾	1838	0.1%	1.9%	2.3%	1.1%							5.3%
2019 ⁽³⁾	1943	0.1%	1.9%	1.8%								3.8%
2020 ⁽³⁾	1843	0.0%	1.3%									1.3%
	Smart C	ption	Defer	red (F								
P&I	Disbursed Principal			,				ercentag		(4) (5)		
Repayment Vintage	Entering P&I Repayment (\$m)	0	1	by Yea	rs Since	First Pa	ki Repay 5	yment Po	eriod (* 7	8	9	Total
2012 ⁽²⁾	219	0.1%	1.1%	1.2%	1.4%	1.0%	1.2%	0.7%	· ·			6.6%
2012 ⁽²⁾	566	0.1%	1.2%	1.8%	1.3%	1.2%	1.1%	0.770				6.8%
2014 ⁽²⁾	877	0.1%	2.0%	2.0%	1.6%	1.3%	1.1/0					6.9%
2015 ⁽³⁾	1019	0.1%	2.3%	1.9%	1.4%	1.0%	0.8%	0.7%				8.2%
2016 ⁽³⁾	1289	0.0%	1.9%	2.1%	1.3%	1.0%	0.8%	0.770				7.1%
2017 ⁽³⁾	1531	0.1%	1.8%	2.0%	1.2%	0.9%	0.070					6.0%
2018 ⁽³⁾	1675	0.1%	1.6%	2.2%	1.1%							5.0%
2019 ⁽³⁾	1773	0.1%	1.7%	1.7%								3.5%
2020 ⁽³⁾	1687	0.0%	1.1%									1.2%
	Smart Op			d (P8	l Rep	aymer	nt - No	Co-si	gner')		
P&I	Disbursed Principal							ercentag				
Repayment	Entering P&I							yment Po				
Vintage	Repayment (\$m)	0	1	2	3	4	5	6	7	8	9	Total
2012 ⁽²⁾	28	0.0%	4.3%	2.8%	3.0%	1.8%	1.7%	1.2%				14.7%
2013 ⁽²⁾	77	0.1%	4.0%	4.3%	2.3%	2.0%	1.3%					13.9%
2014 ⁽²⁾	117	0.3%	6.2%	4.2%	2.9%	1.9%						15.6%
2015 ⁽³⁾	120	0.6%	6.6%	3.4%	2.4%	1.6%	1.5%	0.8%				17.0%
2016 ⁽³⁾	133	0.0%	4.8%	3.8%	2.0%	1.4%	1.2%					13.3%
2017 ⁽³⁾	152	0.1%	4.8%	3.1%	1.9%	0.9%						10.8%
2018 ⁽³⁾	162	0.0%	4.4%	2.9%	1.5%							8.9%
2019 ⁽³⁾	170	0.0%	3.9%	2.5%								6.5%
2020 ⁽³⁾	155	0.1%	2.8%									3.0%

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⁽⁵⁾ Most recent data point for any P&I Repayment Vintage is for a partial year.

Additional Information

Smart Option Loan Program Cohort Default Triangles Terms and calculations used in the cohort default triangles are defined below:

- First P&I Repayment Period The first month during which a borrower is required to make a full principal and interest payment on a loan. This date is static. Once a loan enters P&I repayment, the date is locked in and does not change. This refinement to the methodology was made in 2021 Q2.
- P&I Repayment Vintage The calendar year of a loan's First P&I Repayment Period.
- Disbursed Principal Entering P&I Repayment The total amount of disbursed loan principal in a P&I Repayment Vintage, excluding any interest capitalization.
- Reported Default Data -
 - For loans that default after their First P&I Repayment Period: Loans enter a particular annual P&I Repayment Vintage at different times during the P&I Repayment Vintage year. Default data is not reported for loans in a particular annual P&I Repayment Vintage until the First P&I Repayment Period has occurred for all loans in that annual P&I Repayment Vintage. Once reporting starts, data reflects defaults that occurred in a particular period through the number of months since December 31 of that annual P&I Repayment Vintage year. For example, in the relevant charts and tables included in this presentation as of September 30, 2021: (i) default data reported for loans in the 2020 P&I Repayment Vintage represents defaults occurring during the first 9 months after a loan's First P&I Repayment Period regardless of the month in 2020 during which the first full principal and interest payment for that loan became due; and (ii) default data for loans in the 2019 P&I Repayment Vintage represents defaults occurring during the first 21 months after a loan's First P&I Repayment Period regardless of the month in 2019 during which the first full principal and interest payment for that loan became due.
 - For loans that default prior to their First P&I Repayment Period: Loans defaulting prior to their First P&I Repayment Period are included in the P&I Repayment Vintage corresponding to the calendar year in which the default occurs, and are aggregated and reported in Year 0 of that P&I Repayment Vintage in the relevant charts and tables. For example: (a) if a loan's First P&I Repayment Period was scheduled for 2019, but the loan defaulted in 2018, the default amount is reflected in Year 0 of the 2018 P&I Repayment Vintage; and (b) if a loan's First P&I Repayment Period occurred in 2019, but the loan defaulted in 2019 before that First P&I Repayment Period, the default amount is reflected in Year O of the 2019 P&I Repayment Vintage.
 - For loans that pay off prior to their First P&I Repayment Period: Loans paid off prior to their First P&I Repayment Period are included in the Disbursed Principal Entering P&I Repayment of the P&I Repayment Vintage corresponding to the calendar year in which the payoff occurs.
- Periodic Defaults For any loan in a particular P&I Repayment Vintage, the defaulted principal and interest is reflected in the year corresponding to the number of years since the First P&I Repayment Period for that loan.
- Cumulative Defaults At any time for a particular P&I Repayment Vintage, the cumulative sum of Periodic Defaults for that vintage.
 - Defaulted principal includes any interest capitalization that occurred prior to default
 - Defaulted principal is not reduced by any amounts recovered after the loan defaulted
 - Because the numerator includes capitalized interest while the denominator (i.e., Disbursed Principal Entering P&I Repayment) does not, default rates are higher than they would be if the numerator and denominator both included capitalized interest

Smart Option Loan Program: Prepayment Methodology

The Constant Prepayment Rate (CPR) represents an annualized rate of prepayment speed measuring the reduction in the principal balance of a pool of loans in excess of the scheduled pool amortization. The rate can be positive or negative depending on whether the pool principal balance is less than or greater than the expected principal amount. A CPR greater than zero suggests that the pool is paying down faster than the expected amortization. Conversely, a CPR less than zero suggests that the pool is paying down more slowly than the expected amortization.

- Total CPR A broad measure of prepayment activity including both voluntary and involuntary prepayments
- Voluntary CPR The portion of Total CPR attributable to pool principal balance paid down prematurely by borrowers in a given period
- Involuntary CPR The portion of Total CPR attributable to defaults
- Scheduled Payment (SP) The monthly payment due on a loan; not impacted by forbearance, deferment, or any concession
- Received Payment (PMT) The monthly payment received on a loan
- Expected Balance (EXP) For any month, the prior month's principal balance plus the current month's interest accrued less the Scheduled Payment
- Prepayment Any payment made during the month exceeding the Scheduled Payment
- ▶ Single Month Mortality Rate (SMM) The percentage of the Expected Balance prepaid in a given month
- Survival Rate (SR) The percentage of the Expected Balance not prepaid in a given month

Factors Impacting Prepayments	Total CPR	Voluntary CPR
Capitalization of accrued interest after school and six-month grace	No impact	No impact
Borrower's payment equals the Scheduled Payment	No impact	No impact
Borrower makes an extra payment on the loan (i.e., principal curtailment)	+	+
Borrower pays off the loan balance prior to loan's scheduled maturity	+	+
Loan is paid in full through a loan consolidation	+	+
Forbearance, deferment, or any concession	_	_
Delinquency	_	_
Default	+	No impact
Borrower benefit interest rate discounts	No impact	No impact
Legend + Impact is	s positive	Impact is negative

Smart Option Loan Program: Prepayment Methodology

Calculations

 $Prepayment_t = PMT_t - SP_t$

 $SMM_t = Prepayment_t / EXP_t$

$$SR_t = 1 - SMM_t$$

$$CPR_n = 1 - \left[\prod_{t=1}^{3} SR_t\right]^4$$

where:

n = quarter

t = month of quarter

Examples ⁽¹⁾												
t	PMT_t	SP_t	EXP _t	Prepayment _t	SMM _t	SR_t	CPR					
0												
Borrower is in school (\$25 fixed payment due)												
1	\$25	\$25	\$10,029	\$0	0.0%	100.0%						
2	\$25	\$25	\$10,058	\$0	0.0%	100.0%						
3	\$25	\$25	\$10,088	\$0	0.0%	100.0%	0.0%					
	Borrower is in P&I repayment (full P&I payment due)											
1	\$164	\$114	\$9,941	\$50	0.5%	99.5%						
2	\$164	\$114	\$9,831	\$50	0.5%	99.5%						
3	\$164	\$114	\$9,720	\$50	0.5%	99.5%	5.9%					
	Вс	rrower uses fo	orbearance in I	period 3 (full P	&I payment du	ıe)						
1	\$114	\$114	\$9,941	\$0	0.0%	100.0%						
2	\$114	\$114	\$9,881	\$0	0.0%	100.0%						
3	\$0	\$114	\$9,821	(\$114)	-1.2%	101.2%	-4.7%					

⁽¹⁾ Calculations assume a 6.5% interest rate and a standard 10-year loan repayment term. Starting loan balance is \$10,000 for all three scenarios.