

Presale:

Toyota Auto Receivables 2024-A Owner Trust

January 18, 2024

Preliminary ratings

| Class | Preliminary rating | Type | Interest rate | Preliminary amount (mil. \$) | Upsized preliminary amount (mil. \$(i)) | Expected legal final maturity date |
|---------------|--------------------|-------------|----------------|------------------------------|---|------------------------------------|
| A-1 | A-1+ (sf) | Senior | Fixed | 266.1 | 345.0 | Jan. 15, 2025 |
| A-2a/A-2b(ii) | AAA (sf) | Senior | Fixed/floating | 486.0 | 630.0 | Dec. 15, 2026 |
| A-3 | AAA (sf) | Senior | Fixed | 486.0 | 630.0 | Oct. 16, 2028 |
| A-4 | AAA (sf) | Senior | Fixed | 78.2 | 101.3 | April 16, 2029 |
| B(iii) | NR | Subordinate | Fixed | 33.8 | 43.8 | Aug. 15, 2030 |

Note: This preliminary rating report is based on information as of Jan. 18, 2024. The ratings shown are preliminary. This report does not constitute a recommendation to buy, hold, or sell securities. Subsequent information may result in the assignment of final ratings that differ from the preliminary ratings. (i)The anticipated size of the notes if the aggregate initial principal balance of the notes is \$1.75 billion. (ii)The class A-2a and A-2b notes will be issued as fixed- and floating-rate notes, respectively. The initial principal balance allocation between the class A-2a and A-2b notes will be determined on the pricing date. The depositor does not expect the class A-2b initial principal balance to exceed \$364.50 million (\$472.50 million, if upsized). The class A-2b notes will accrue interest at a floating rate indexed to a compounded SOFR (30-day average) plus a spread. (iii)The class B notes will initially be retained by the depositor and will have a 0% interest rate. NR--Not rated.

PRIMARY CREDIT ANALYST

Van Thomas
Englewood
+ 1 (303) 721 4211
van.thomas
@spglobal.com

SECONDARY CONTACT

Jennie P Lam
New York
+ 1 (212) 438 2524
jennie.lam
@spglobal.com

Profile

| | |
|--|---|
| Expected closing date | Jan. 30, 2024. |
| Collateral | Prime auto loan receivables. |
| Originator, sponsor, administrator, and servicer | Toyota Motor Credit Corp. (A+/Stable/A-1+). |
| Depositor | Toyota Auto Finance Receivables LLC. |
| Issuer | Toyota Auto Receivables 2024-A Owner Trust. |
| Indenture trustee | U.S. Bank N.A. (A+/Stable/A-1). |
| Owner trustee | Wilmington Trust N.A. |
| Bank account provider | U.S. Bank N.A. (A+/Stable/A-1). |

Rationale

S&P Global Ratings' preliminary ratings assigned to Toyota Auto Receivables 2024-A Owner Trust's (TAOT 2024-A) asset-backed notes reflect:

- The availability of approximately 7.60% credit support (hard credit enhancement and excess spread) for the class A notes (A-1, A-2a/A-2b, A-3, and A-4, collectively) based on stressed cash flow scenarios. These credit support levels provide more than our 4.00% minimum credit enhancement level for a 'AAA' rating, as outlined in our global auto criteria (see the Credit Enhancement And Collateral and the Cash Flow Modeling Assumptions And Results sections below).
- The expectation that under a moderate ('BBB') stress scenario (2.0x our expected loss level), all else being equal, our preliminary 'AAA (sf)' ratings on the class A notes will be within the credit stability limits (see the Cash Flow Modeling Assumptions And Results section).
- The timely payment of interest and principal by designated legal final maturity dates under our stressed cash flow modeling scenarios, which we believe are appropriate for the assigned preliminary ratings.
- The collateral characteristics of the securitized pool of prime automobile loans, and our updated macroeconomic forecast and forward-looking view of the auto finance sector (see the Credit Enhancement And Collateral and the Macroeconomic And Auto Finance Sector Outlook sections below).
- The series' bank account at U.S. Bank N.A. (A+/Stable/A-1), which does not constrain the preliminary ratings.
- Our operational risk assessment of Toyota Motor Credit Corp. (Toyota) as servicer and our view of the company's underwriting.
- Our assessment of the transaction's potential exposure to environmental, social, and governance credit factors, which are in line with our sector benchmark.
- The transaction's legal and payment structures.

Our expected cumulative net loss (ECNL) for TAOT 2024-A is 0.60%, unchanged from TAOT 2023-D, the last TAOT transaction we rated. It reflects:

- Our view that TAOT 2024-A's collateral characteristics are generally consistent with that of TAOT 2023-D;
- Toyota's outstanding series, which continue to perform in line with or better than our initial expectations; and
- Our forward-looking view of the auto finance sector.

Environmental, Social, And Governance

Our rating analysis considers a transaction's potential exposure to environmental, social, and governance (ESG) credit factors. For the auto ABS sector, we view the exposure to environmental credit factors as above average, to social credit factors as average, and to governance credit factors as below average (see "ESG Industry Report Card: Auto Asset-Backed Securities," published March 31, 2021).

The exposure to ESG credit factors in this transaction is in line with our sector benchmark. Exposure to environmental credit factors is generally viewed as above average, given that the collateral pool primarily comprises vehicles with internal combustion engines (ICEs), which emit pollutants that contribute to climate transition risks. While the adoption of electric vehicles and future regulation could in time lower ICE vehicle values, we believe that our current approach to

evaluating recovery and residual values adequately accounts for vehicle values over the transaction's relatively short, expected life. As a result, we have not separately identified this as a material ESG credit factor in our analysis.

Credit Enhancement And Collateral

Structural changes from TAOT 2023-D

Notable changes to credit enhancement compared to TAOT 2023-D include:

- The required yield supplement overcollateralization amount (YSOA) rate decreased to 9.50% from 10.00%.
- The initial YSOA as a percentage of the initial adjusted pool balance decreased to 9.05% (9.06% if upsized) from 10.89%.

Table 1 shows the credit enhancement changes from recent transactions.

Table 1

Credit enhancement summary

| | TAOT | | | |
|---|---------------|---------------|---------------|---------------|
| | 2024-A | 2023-D | 2023-C | 2023-B(i) |
| Subordination (%) (ii) | | | | |
| Class A | 2.50 | 2.50 | 2.50 | 2.50 |
| Class B | 0.00 | 0.00 | 0.00 | 0.00 |
| Overcollateralization (%) (ii) | | | | |
| Initial | 0.00 | 0.00 | 0.00 | 0.00 |
| Target | 0.85 | 0.85 | 0.85 | 0.85 |
| Floor | 0.85 | 0.85 | 0.85 | 0.85 |
| Reserve (%) (ii) | | | | |
| Initial | 0.25 | 0.25 | 0.25 | 0.25 |
| Target | 0.25 | 0.25 | 0.25 | 0.25 |
| Floor | 0.25 | 0.25 | 0.25 | 0.25 |
| Total initial hard credit enhancement (%) (ii) | | | | |
| Class A | 2.75 | 2.75 | 2.75 | 2.75 |
| Class B | 0.25 | 0.25 | 0.25 | 0.25 |
| YSOA (%) (ii)(iv) | 9.05 | 10.89 | 11.35 | 12.25 |
| Estimated annual excess spread (%) (iii)(iv) | 3.24 | 3.28 | 3.28 | 3.49 |
| Initial aggregate gross principal balance (\$) (iv) | 1,472,228,260 | 1,774,239,151 | 1,781,678,265 | 1,795,999,450 |
| YSOA (\$) (iv) | 122,228,258 | 174,236,247 | 181,671,982 | 195,999,431 |
| Initial adjusted receivables balance (\$) (iv) | 1,350,000,002 | 1,600,002,904 | 1,600,006,284 | 1,600,000,020 |
| Initial overcollateralization (\$) | 2 | 2,904 | 6,284 | 20 |

Table 1

Credit enhancement summary (cont.)

| | TAOT | | | |
|------------------------------|---------------|---------------|---------------|---------------|
| | 2024-A | 2023-D | 2023-C | 2023-B(i) |
| Total securities issued (\$) | 1,350,000,000 | 1,600,000,000 | 1,600,000,000 | 1,600,000,000 |

(i)Not rated by S&P Global Ratings. (ii)Percentage of the initial adjusted pool balance. (iii)Includes the 1.00% servicing fee. Annual excess spread is adjusted for yield supplement overcollateralization. For comparison purposes, the estimated annual excess spread shown here is pre-pricing. (iv)If the issued TAOT 2024-A notes' aggregate initial principal amount is \$1.75 billion, the YSOA percentage of the initial adjusted pool balance will be 9.06%, the estimated annual excess spread will be 3.24%, the initial aggregate receivables pool balance will be \$1,908,468,800, the initial YSOA will be \$158,468,792, and the initial adjusted pool balance will be \$1,750,000,007. TAOT--Toyota Auto Receivables Owner Trust. YSOA--Yield supplement overcollateralization amount.

Collateral changes from TAOT 2023-D

Notable changes to collateral composition compared with TAOT 2023-D include:

- The weighted average annual percentage rate (APR) increased to 5.37% from 5.10%.
- The percentage of loans with an original term of 61-72 months decreased slightly to 62.12% (62.19% if upsized) from 62.61%.
- The percentage of loans backed by new vehicles increased to 84.19% (84.18% if upsized) from 82.62%.

Overall, we believe the series TAOT 2024-A and TAOT 2023-D collateral pools are generally comparable (see table 2).

Table 2

Collateral comparison(i)

| | TAOT | | | | | |
|--|----------|---------------------|----------|----------|------------|----------|
| | 2024-A | 2024-A (if upsized) | 2023-D | 2023-C | 2023-B(ii) | 2023-A |
| Receivables balance (mil. \$) | 1,472.23 | 1,908.47 | 1,774.24 | 1,781.68 | 1,796.00 | 1,813.67 |
| No. of receivables | 55,302 | 71,726 | 65,406 | 65,736 | 67,500 | 69,360 |
| Avg. loan balance (\$) | 26,622 | 26,608 | 27,127 | 27,104 | 26,607 | 26,149 |
| WA APR (%) | 5.37 | 5.37 | 5.10 | 4.64 | 4.05 | 3.64 |
| WA original term (mos.) | 65.63 | 65.65 | 65.78 | 66.03 | 66.01 | 66.50 |
| WA remaining term (mos.) | 54.50 | 54.51 | 54.72 | 55.40 | 55.38 | 56.20 |
| WA seasoning (mos.) | 11.14 | 11.14 | 11.07 | 10.63 | 10.63 | 10.30 |
| WA FICO score | 767 | 767 | 767 | 766 | 765 | 766 |
| Borrowers with FICO score greater than 700 (%) | 83.53 | 83.49 | 83.72 | 83.65 | 83.49 | 83.53 |
| Original term 61-72 mos. (%) | 62.12 | 62.19 | 62.61 | 63.31 | 62.35 | 63.10 |
| New vehicles (%) | 84.19 | 84.18 | 82.62 | 81.25 | 81.28 | 79.06 |
| Used vehicles (%) | 15.81 | 15.82 | 17.38 | 18.75 | 18.72 | 20.94 |
| Top five state concentrations (%) | | | | | | |
| | CA=19.52 | CA=19.62 | CA=21.26 | CA=23.59 | CA=25.24 | CA=26.46 |

Table 2

Collateral comparison(i) (cont.)

| TAOT | | | | | |
|----------|---------------------|----------|----------|------------|----------|
| 2024-A | 2024-A (if upsized) | 2023-D | 2023-C | 2023-B(ii) | 2023-A |
| TX=16.06 | TX=16.00 | TX=15.28 | TX=14.89 | TX=14.61 | TX=13.30 |
| PA=4.18 | PA=4.24 | PA=4.12 | PA=4.03 | IL=4.15 | PA=4.35 |
| IL=4.01 | IL=4.03 | IL=4.05 | IL=3.91 | PA=4.12 | IL=4.00 |
| VA=3.94 | VA=3.98 | MD=3.79 | NJ=3.62 | MD=3.62 | NJ=3.81 |

(i)All percentages are of the initial receivables balance. (ii)Not rated by S&P Global Ratings. TAOT--Toyota Auto Receivables Owner Trust. WA--Weighted average. APR--Annual percentage rate.

We also compared the TAOT 2024-A collateral pool with other recent peer transactions within the prime auto loan sector that have similar ECNL ranges (see table 3).

Table 3

Collateral peer comparison(i)

| | TAOT 2024-A | TAOT 2024-A (if upsized) | BMWOT 2023-A | HAROT 2023-3 | PFAST 2023-2 |
|---|-------------|--------------------------|--------------|--------------|--------------|
| Receivables balance (mil. \$) | 1,472.23 | 1,908.47 | 1,670.09 | 1,889.36 | 1,083.13 |
| No. of receivables | 55,302 | 71,726 | 45,857 | 84,946 | 16,098 |
| Avg. principal balance (\$) | 26,622 | 26,608 | 36,420 | 22,242 | 67,283 |
| Avg. APR (%) | 5.37 | 5.37 | 4.37 | 4.00 | 6.40 |
| Avg. original term (mos.) | 65.63 | 65.65 | 64.56 | 61.62 | 69.61 |
| Avg. remaining term (mos.) | 54.50 | 54.51 | 51.78 | 49.25 | 56.33 |
| Avg. seasoning (mos.) | 11.14 | 11.14 | 12.78 | 12.36 | 13.28 |
| Loans with original term greater than 60 mos. (%) | 62.12 | 62.19 | 45.66 | 39.12 | 80.18 |
| Maximum original loan term (mos.) | 72 | 72 | 72 | 72 | 84 |
| New vehicles (%) | 84.19 | 84.18 | 80.52 | 85.71 | 56.34 |
| Used vehicles (%) | 15.81 | 15.82 | 19.48 | 14.29 | 43.66 |
| Weighted avg. FICO score | 767 | 767 | 787 | 769 | 781 |
| Minimum FICO score | 620 | 620 | 601 | -- | 600 |
| Top three state concentrations (%) | | | | | |
| | CA=19.52 | CA=19.62 | CA=18.14 | CA=17.29 | CA=22.38 |
| | TX=16.06 | TX=16.00 | TX=12.21 | TX=9.88 | FL=18.21 |
| | PA=4.18 | PA=4.24 | FL=10.54 | PA=7.44 | TX=10.64 |
| Initial ECNL (%) | 0.60 | 0.60 | 0.55 | 0.55 | 0.55 |

(i)All percentages are of the initial gross receivables balance. TAOT--Toyota Auto Receivables Owner Trust. BMWOT--BMW Vehicle Owner Trust. HAROT--Honda Auto Receivables Owner Trust. PFAST--Porsche Financial Auto Securitization Trust. APR--Annual percentage rate. ECNL--Expected cumulative net loss.

The TAOT 2024-A pool has strong collateral characteristics, in our view. Compared to the Honda Auto Receivables 2023-3 Owner Trust pool and BMW Vehicle Owner Trust 2023-A, TAOT 2024-A has a higher percentage of loans with original terms greater than 60 months, but a lower percentage of loans compared to the Porsche Financial Auto Securitization Trust 2023-2 pool.

Macroeconomic And Auto Finance Sector Outlook

In our analysis, we considered the economic data and forecasts outlined in table 4 and their baseline effect on collateral credit quality in determining our base-case expected loss level. Historically, changes in the unemployment rate have been a key determinant of charge-offs in the auto finance industry.

The U.S. economy has continued to outperform expectations. Better-than-expected growth has led us to revise our 2024 U.S. GDP forecast upward by 0.2 percentage points to 1.50%. However, this is down from 2023's forecasted GDP growth of 2.40% because the market's resiliency will be tested going forward as real interest rates stay relatively high in the coming year and the lags of tightened monetary policy feed through the economy. Other reasons for caution include that: real disposable income has declined four months in a row, with the savings rate falling to a very low 3.40% in September (well-below the pre-COVID-19 pandemic average) from the 5.10% average in the second quarter of 2023; consumers are showing signs of strain due to increased debt loads, and, according to the Federal Reserve Bank of New York/Equifax credit data, the ratio for seriously delinquent auto loans is already at its highest level outside of recessionary periods (driven primarily by the subprime segment, which is about one-seventh of the total outstanding auto loan balances); and student-loan payments have resumed, which will put upward pressure on debt service ratios and could negatively affect consumer spending.

It is estimated that 24 million borrowers whose student loan payments were suspended at the onset of the COVID-19 pandemic resumed payments in October 2023, with an average payment of approximately \$300 per month. According to TransUnion, approximately one-third of those consumers with student loan debt took on new auto loan debt during the COVID-19 pandemic. The added student debt payment will be burdensome for those consumers who are financially stressed, which could negatively affect auto loan ABS performance. We believe, based on past economic cycles, that consumers for whom the vehicle is essential for work will continue to prioritize their auto loan/lease payments before their other consumer and student loan payments.

Weaker economic growth will cause demand for labor to decrease further and the unemployment rate to rise in the next two years--to 4.60% in 2025 from 3.90% in October 2023 (see "Economic Outlook U.S. Q1 2024: Cooling Off But Not Breaking," published Nov. 28, 2023). We're already seeing unemployment benefit claims continue to rise above the 2019 average, suggesting it has become more difficult to find jobs for people when they're laid off, and employment in the temporary help services sector was down 6.10% from a year ago, a decline of a magnitude that has been a harbinger of a recession in the past.

Table 4

U.S. economic factors (%)

| | Actual | Forecast | | | |
|--------------------------------------|--------|----------|------|------|------|
| | 2022 | 2023 | 2024 | 2025 | 2026 |
| Real GDP (% year-over-year growth) | 2.1 | 2.4 | 1.5 | 1.4 | 1.8 |
| Unemployment rate (% annual average) | 3.6 | 3.7 | 4.3 | 4.6 | 4.5 |

Table 4

U.S. economic factors (%) (cont.)

| | Actual | Forecast | | | |
|---|--------|----------|------|------|------|
| | 2022 | 2023 | 2024 | 2025 | 2026 |
| Consumer Price Index (% annual average) | 8.0 | 4.1 | 2.4 | 2.1 | 2.1 |

Sources: Bureau of Economic Analysis, Bureau of Labor Statistics, and S&P Global Ratings Economics forecasts.

In the auto market, as new vehicle supply imbalances continue to ease and borrowing rates continue to rise, we would expect used vehicle values to normalize to historical levels.

S&P Global Ratings' Expected Loss: 0.60%

We determined our expected loss for TAOT 2024-A by analyzing:

- The transaction's collateral characteristics relative to those of outstanding series (see table 2 above);
- The managed portfolio performance and origination static pool data and their relative performances (see table 5 below); and,
- The outstanding series' performance (see table 6 and charts 1 and 2).

Given Toyota's established performance track record as a consistent issuer, we placed more emphasis on the outstanding series' performance when determining the expected loss for this series. We complemented this analysis with our forward-looking view of the economy and the auto finance sector (see the Macroeconomic And Auto Finance Sector Outlook section above).

Overall, we expect TAOT 2024-A to experience lifetime cumulative net losses (CNLs) of 0.60%, which is in line with our initial ECNL expectation of 0.60% for TAOT 2023-D.

Managed Portfolio

As of Sept. 30, 2023, Toyota's retail managed portfolio increased to approximately \$76.30 billion from \$70.60 billion in 2022 (see table 5). We believe Toyota's current managed portfolio exhibits slightly worse performance than pre-COVID-19 pandemic levels. Total delinquencies increased to 2.75% as of Sept. 30, 2023, from 2.18% a year earlier. Toyota attributed increasing delinquencies to the overall rise in the monthly payments due to higher vehicle prices and increased borrowing costs.

Also as of Sept. 30, 2023, net losses as a percentage of the average principal loan balance outstanding increased to 0.66% from 0.45% a year earlier, and repossessions as a percentage of the average number of contracts outstanding increased to 1.41% from 0.94% a year earlier. Toyota attributed the rise in the net losses to an increase in used vehicle financing and higher average amounts financed.

Toyota's securitizations since 2010, including TAOT 2024-A, generally consist of higher-quality loans than those of the overall managed portfolio. The TAOT securitizations are characterized by a minimum FICO score of 620 and exclude any loans with an original term greater than 72 months.

Table 5

Managed portfolio

| | As of September 30 | | Fiscal year ended March 31 | | | | |
|--|--------------------|-----------|----------------------------|-----------|-----------|-----------|-----------|
| | 2023 | 2022 | 2023 | 2022 | 2021 | 2020 | 2019 |
| Principal amount outstanding (bil. \$) | 76.303 | 70.604 | 72.573 | 67.146 | 62.833 | 56.266 | 53.236 |
| No. of contracts outstanding | 3,458,166 | 3,339,777 | 3,382,927 | 3,267,466 | 3,237,181 | 3,142,143 | 3,097,464 |
| Avg. principal amount outstanding (bil. \$) | 74.438 | 68.875 | 69.860 | 64.990 | 59.549 | 54.751 | 52.998 |
| Avg. no. of contracts outstanding | 3,420,547 | 3,303,622 | 3,325,197 | 3,252,324 | 3,189,662 | 3,119,804 | 3,127,920 |
| Delinquencies (% of contracts outstanding) | | | | | | | |
| 30-59 days | 1.79 | 1.39 | 1.50 | 1.25 | 0.85 | 1.28 | 1.24 |
| 60-89 days | 0.52 | 0.42 | 0.45 | 0.33 | 0.22 | 0.37 | 0.31 |
| More than 89 days | 0.45 | 0.38 | 0.42 | 0.32 | 0.26 | 0.39 | 0.27 |
| Total 30-plus days | 2.75 | 2.18 | 2.37 | 1.89 | 1.33 | 2.04 | 1.82 |
| Repossessions (% of the avg. no. of contracts outstanding) | 1.41 | 0.94 | 1.08 | 0.87 | 0.89 | 1.12 | 1.14 |
| Recoveries (\$000s) | 49,007 | 25,587 | 58,752 | 54,989 | 47,917 | 49,191 | 48,871 |
| Net losses (% of avg. principal amount outstanding) | 0.66 | 0.45 | 0.63 | 0.26 | 0.39 | 0.55 | 0.52 |

Origination Static Pool Analysis

To derive the base-case expected loss for TAOT 2024-A, we reviewed Toyota's origination static pool data, as well as the performance of Toyota's securitized pools. We also reviewed Toyota's managed pool performance and the deal-level collateral characteristics. We then compared our expected loss level for the TAOT 2024-A pool with our projections for Toyota's peers to verify that the loss range remained appropriate, given the relevant differences across the issuers and their pools.

TAOT Transaction Performance

Toyota has completed 47 TAOT securitizations. S&P Global Ratings currently rates 11 of the 15 outstanding TAOT transactions. The paid-off 2016–2019 TAOT transactions experienced lifetime CNLs of 0.23%–0.45%.

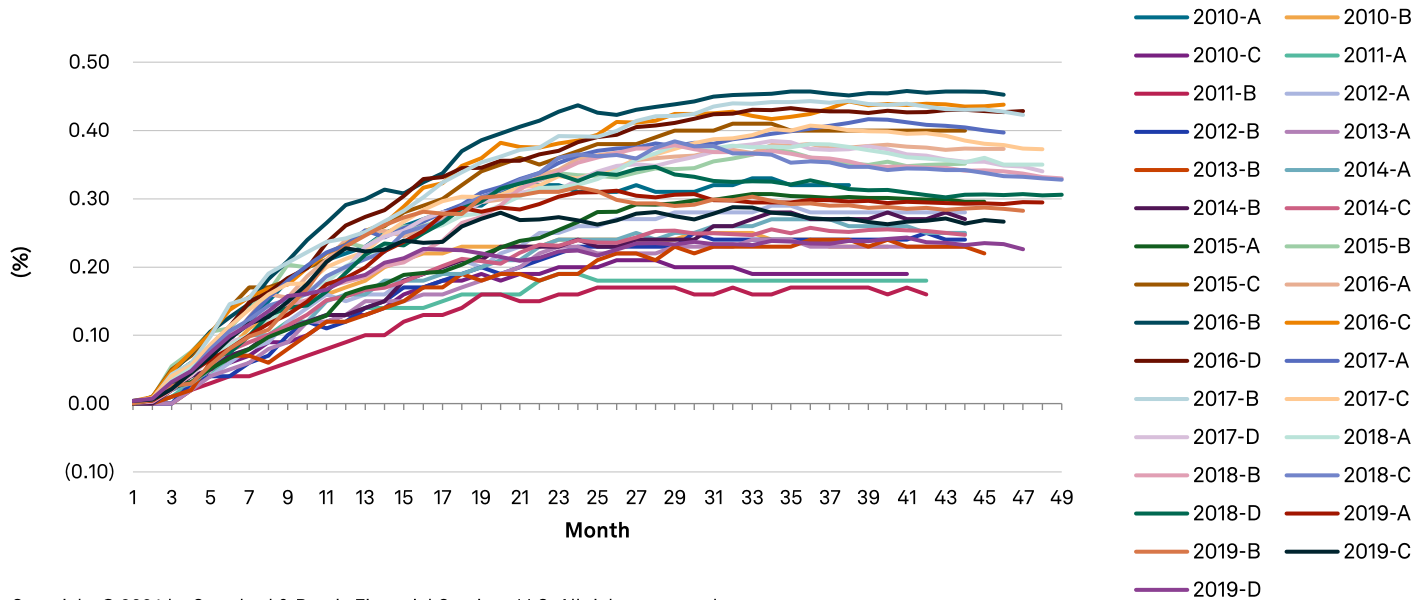
On Nov. 14, 2023, we revised our CNL expectations for nine series (2020-A, 2020-B, 2020-C, 2020-D, 2021-B, 2021-C, 2021-D, 2022-B, and 2022-C). Performance on these transactions were stronger than our original and prior CNL expectations, and we lowered our loss expectations accordingly on all series except 2022-B and 2022-C, where we voted to maintain the initial ECNL. Our revised loss expectations remain higher for the 2021 deals than the prior transactions to account for the greater time horizon over which they will be outstanding (see "Ratings Affirmed On Twenty Classes From Nine Toyota Auto Receivables Owner Trust Transactions," published Nov. 14, 2023) (see table 6).

We believe the rated classes all currently have adequate credit enhancement at their current rating levels. We will continue to monitor the outstanding transactions' performance to ensure

that the credit enhancement remains sufficient, in our view, to cover our revised CNL expectations under our stress scenarios for each rated class.

Chart 1

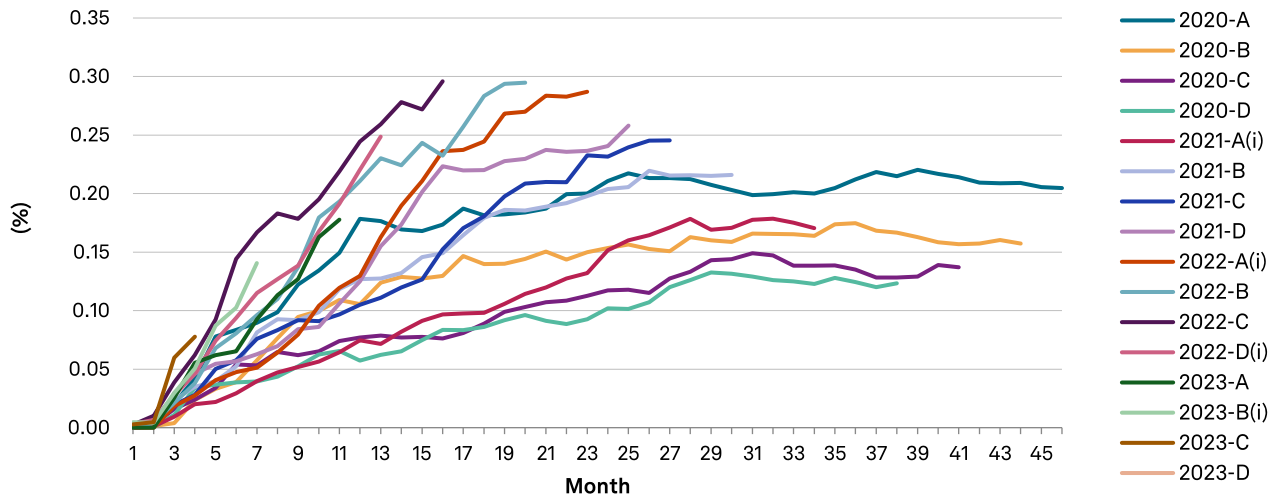
TAOT 2010-2019 paid-off securitized pools--cumulative net losses



Copyright © 2024 by Standard & Poor's Financial Services LLC. All rights reserved.

Chart 2

TAOT 2020-2023 outstanding securitized pools--cumulative net losses

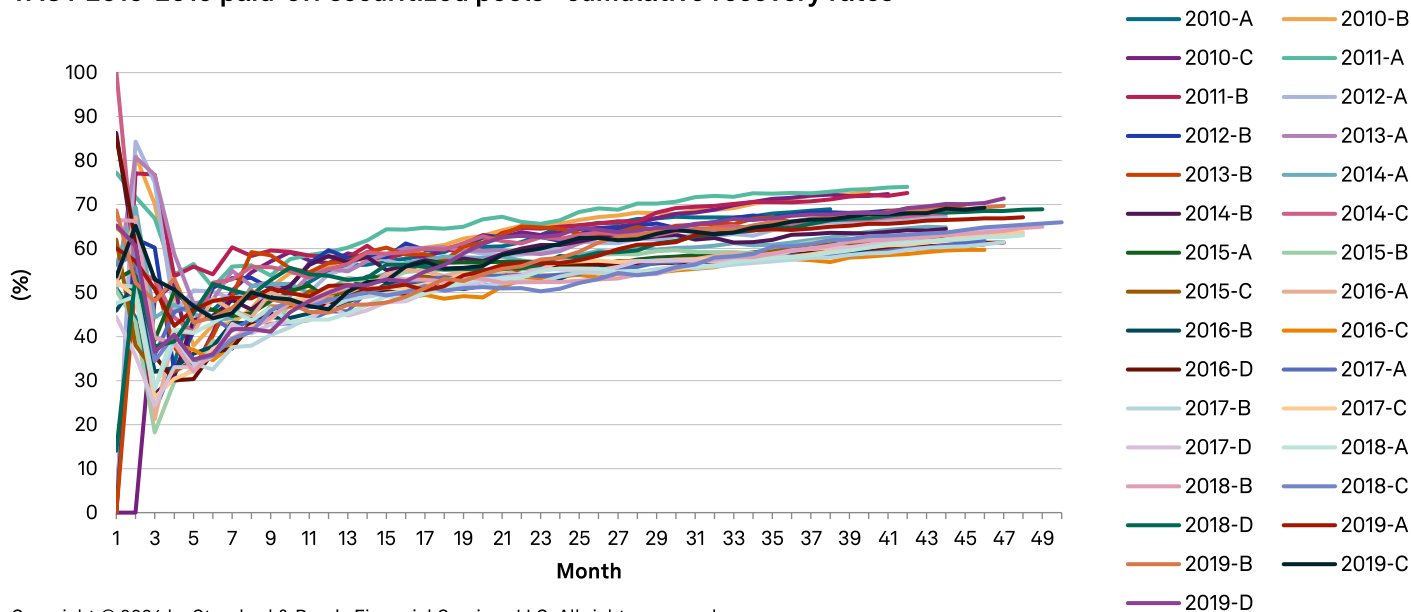


(i)Not rated by S&P Global Ratings.

Copyright © 2024 by Standard & Poor's Financial Services LLC. All rights reserved.

Chart 3

TAOT 2010-2019 paid-off securitized pools--cumulative recovery rates



TAOT 2020-2023 outstanding securitized pools--cumulative recovery rates

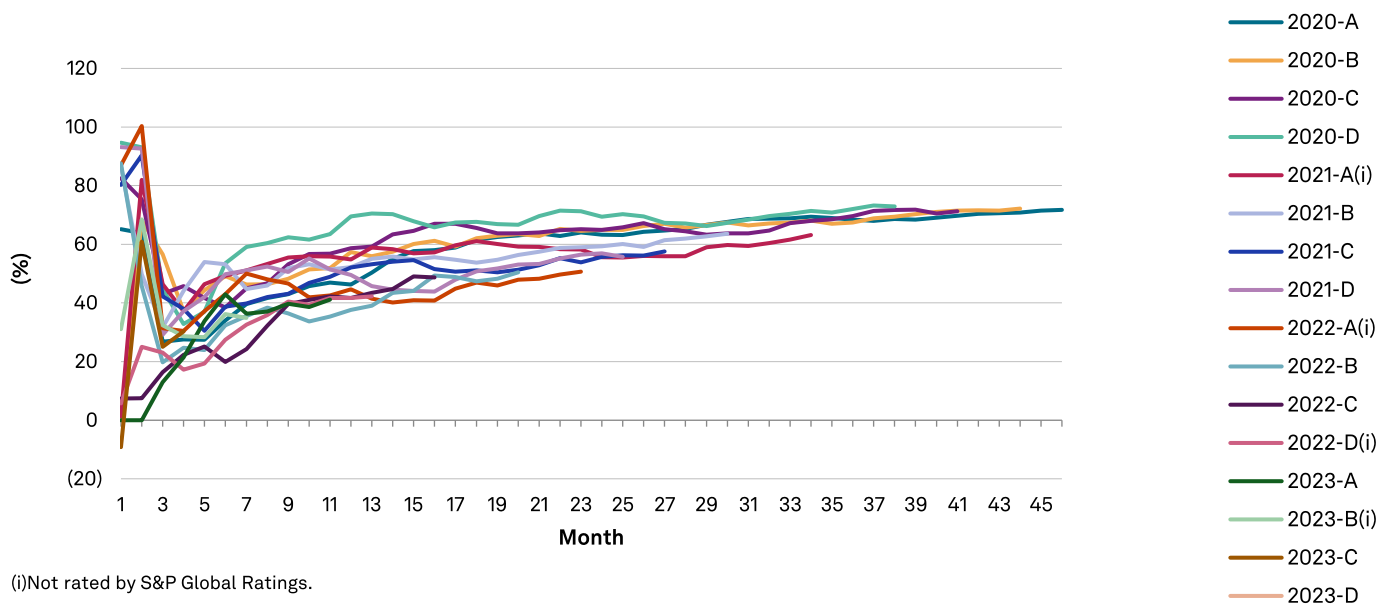


Table 6

Collateral performance(i)

| Series | Month | Pool factor (%) | Current CNL (%) | 60-plus-day delinquency (%) | Original lifetime expected CNL (%) | Revised lifetime expected CNL (%) |
|------------|-------|-----------------|-----------------|-----------------------------|------------------------------------|-----------------------------------|
| 2020-A | 46 | 5.22 | 0.20 | 0.90 | 0.55-0.65 | 0.25 |
| 2020-B | 44 | 6.97 | 0.16 | 0.82 | 0.90-1.10 | 0.20 |
| 2020-C | 41 | 9.14 | 0.14 | 0.39 | 0.90-1.10 | 0.20 |
| 2020-D | 38 | 11.50 | 0.12 | 0.47 | 0.90-1.10 | 0.20 |
| 2021-A(ii) | 34 | 18.48 | 0.17 | 0.48 | N/A | N/A |
| 2021-B | 30 | 25.59 | 0.22 | 0.48 | 0.70-0.80 | 0.40 |
| 2021-C | 27 | 31.68 | 0.25 | 0.45 | 0.60-0.70 | 0.45 |
| 2021-D | 25 | 35.95 | 0.26 | 0.45 | 0.60-0.70 | 0.45 |
| 2022-A(ii) | 23 | 40.07 | 0.29 | 0.54 | N/A | N/A |
| 2022-B | 20 | 46.35 | 0.29 | 0.46 | 0.55-0.65 | 0.60 |
| 2022-C | 16 | 56.59 | 0.30 | 0.41 | 0.55-0.65 | 0.60 |
| 2022-D(ii) | 13 | 63.94 | 0.25 | 0.38 | N/A | N/A |
| 2023-A | 11 | 68.27 | 0.18 | 0.40 | 0.60 | N/A |
| 2023-B(ii) | 7 | 77.62 | 0.14 | 0.30 | N/A | N/A |
| 2023-C | 4 | 85.65 | 0.08 | 0.25 | 0.60 | N/A |
| 2023-D | 1 | 94.25 | 0.00 | 0.11 | 0.60 | N/A |

(i) Performance data for outstanding TAOT transactions as of the December 2023 distribution date. (ii) Not rated by S&P Global Ratings.
 CNL--Cumulative net loss. N/A--Not applicable.

Legal Overview And Transaction Structure**Legal overview**

In rating this transaction, S&P Global Ratings will review the legal matters it believes are relevant to its analysis, as outlined in its criteria.

The TAOT 2024-A transaction is structured as a true sale of the receivables from Toyota (the originator and sponsor) to Toyota Auto Finance Receivables LLC (the depositor), which in turn will sell the receivables as a true sale to TAOT 2024-A, the issuer. TAOT 2024-A will then pledge the rights to the receivables to the indenture trustee for the noteholders' benefit. TAOT 2024-A will issue approximately \$1.32 billion of class A notes and \$33.75 million of class B notes. If the initial notes' aggregate balance is upsized to \$1.75 billion, TAOT 2024-A will issue approximately \$1.71 billion of class A notes and \$43.75 million of class B notes.

Transaction structure

The TAOT 2024-A transaction incorporates certain structural features:

- A sequential-pay mechanism that results in increased credit enhancement for the senior notes

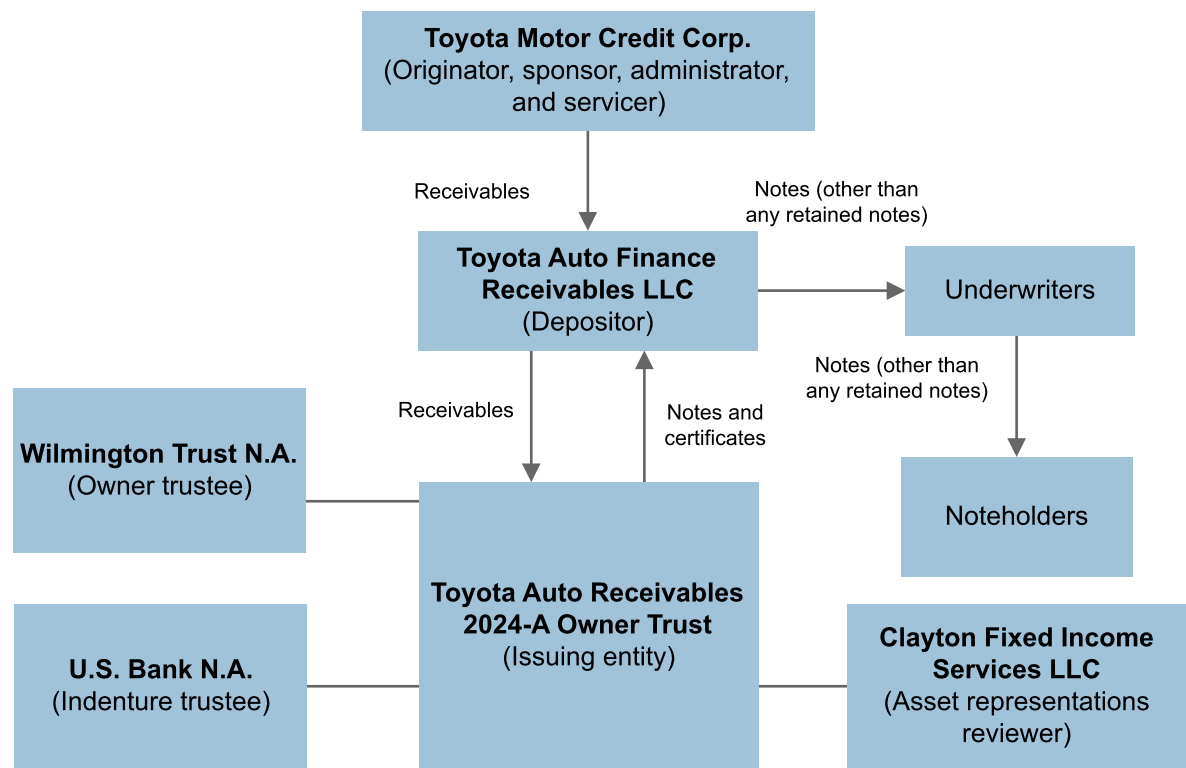
as the pool amortizes.

- A 0% interest rate on the class B notes.
- Overcollateralization (net of YSOA) that initially equals zero, which we expect to grow to a target of 0.85% of the initial adjusted pool balance and remain at this level.
- A fully funded nonamortizing reserve fund that will equal 0.25% of the initial adjusted pool balance.
- A dynamic YSOA that initially comprises approximately 9.05% (9.06% if upsized) of the adjusted pool balance and will be calculated each month as the pool amortizes, based on the difference between the aggregate receivables balance outstanding and the present value of the receivables balance, discounted at the greater of 9.50% per year or the receivables' actual APR. The YSOA is sized so that the yield on the contracts with APRs below the 9.50% YSOA-required rate is raised to the required rate.
- Excess spread, to the extent available after covering net losses, which pays principal on the outstanding notes to build credit enhancement to the target level.

Toyota will issue \$1.35 billion (\$1.75 billion if upsized) of class A and B sequential-pay notes. The class A notes, which will total approximately \$1.32 billion (\$1.71 billion if upsized), will receive principal sequentially. Class B will initially be retained. We expect the principal and interest payments on the TAOT 2024-A notes to begin on Feb. 15, 2024, with subsequent payments on the 15th day or the next successive business day of each month. The class A notes will be paid a fixed interest rate, except for the class A-2b notes, which will receive a floating spread tied to the 30-day average compounded SOFR.

Chart 5

Transaction structure



Copyright © 2024 by Standard & Poor's Financial Services LLC. All rights reserved.

Payment Priority

Interest and principal are scheduled to be paid on the rated notes on each monthly distribution date, beginning Feb. 15, 2024. The funds in the reserve account are intended to cover interest shortfalls, make priority principal payments, and make principal payments at the notes' final maturity dates. Distributions will be made from available funds in the priority shown in table 7.

Table 7

Payment waterfall

| Priority | Payment |
|----------|---|
| 1 | Servicing fee to the servicer. |
| 2 | Transaction fees and expenses to the indenture trustee, the owner trustee, and the asset representations reviewer in an aggregate amount that does not exceed \$300,000 in any calendar year. |
| 3 | Accrued and unpaid interest, pro rata, to the class A noteholders. |

Table 7

Payment waterfall (cont.)

| Priority | Payment |
|----------|--|
| 4 | Principal payments sequentially in the amount of the first-priority principal distribution, which is the excess of the class A notes' outstanding principal over the receivables principal balance minus the YSOA (the adjusted pool balance) to the class A noteholders. |
| 5 | Accrued and unpaid interest to the class B noteholders(i). |
| 6 | Principal payments sequentially in the amount of the second-priority principal distribution, which is the excess of the class A and B notes' outstanding principal over the receivables principal balance minus the YSOA (the adjusted pool balance) minus the first-priority principal distribution amount to the class A and B noteholders. |
| 7 | Reserve account payments until the specified reserve account balance is reached. |
| 8 | Principal payments sequentially in the amount of the regular principal distribution, which is the excess of the outstanding principal note balances over the adjusted receivables principal balance minus the target overcollateralization amount minus the sum of the first- and second-priority principal distribution amounts to the class A and B noteholders. |
| 9 | Any unpaid fees, expenses, and indemnification amounts due to the indenture trustee, the owner trustee, and the asset representations reviewer. |
| 10 | Any remaining amounts to the certificateholder. |

(i) The class B notes interest rate is 0.00%. Class A--Class A-1, A-2a/A-2b, A-3, and A-4, collectively. YSOA--Yield supplement overcollateralization amount.

Cash Flow Modeling Assumptions And Results

In our cash flow analysis, we assess the availability of asset cash flows to meet the transaction's promised obligations under a variety of stress assumptions, while considering the transaction structure and available credit support. We also use our cash flow analysis in other aspects of our ratings analysis, including the testing of credit stability (sensitivity analysis) and legal final analysis.

In a stressed scenario, liquidity risk could arise due to interest shortfalls from the yield on the loans being lower than the yield on the bonds (negative carry risk). This could occur because the bonds pay sequentially, leading to higher-coupon debt remaining outstanding at the tail-end of the transaction. In this transaction, negative carry risk is being addressed through the YSOA.

Break-even analysis

For the TAOT 2024-A transaction structure, we used a bifurcated-pool method and applied the assumptions outlined in table 8 in our cash flow analysis to simulate stress scenarios that we believe are appropriate for the assigned preliminary ratings. To assign a rating to a class, we consider the class's lower break-even level (the maximum net losses the class can withstand without defaulting) and generally expect it to be equal to or greater than the rating stressed scenario break-even requirement.

Under this approach, we bifurcated the pool between low-APR loans (underwater) and high-APR loans (above-water) using an APR of 5.00%, and applied different prepayment and default assumptions between the two pools. For above-water loans (those with APRs of 5.00% and greater), we ran faster voluntary prepayments, disproportionately higher losses, and faster loss timing than for the underwater loans (those with APRs of less than 5.00%). Conversely, we ran a

slower voluntary prepay speed, disproportionately lower losses, and slower loss timing on the low-APR loans.

These combined assumptions caused the weighted average APR of the pool to decrease faster over time and increases the likelihood that the YSOA will be used for yield enhancement rather than credit enhancement, thus decreasing the break-even levels.

For the class A-2b floating-rate tranche, we applied our stressed interest rates for one-month SOFR, as described in our criteria and corresponding guidance "Methodology To Derive Stressed Interest Rates In Structured Finance," published Oct. 18, 2019. We modeled the maximum potential size of the class A-2b note balance (up to 75.00% of the class A-2 notes) indexed to SOFR.

Our criteria establish rating-specific minimum credit enhancement levels based on our view that there are limits on the predictability of auto receivable performance. For 'AAA' ratings, the minimum level is 4.00%, of which 2.50% must be in the form of hard credit support. In our stressed cash flow scenarios for the transaction, we assessed the level of available credit enhancement relative to the minimum required.

Based on our stressed cash flows, the break-even net loss results show that the class A notes are credit-enhanced to the degree appropriate for the assigned preliminary ratings (see table 9).

Table 8

Break-even cash flow assumptions

| | |
|---|-----------------------|
| Servicing fee (%) | 1.00 |
| Recovery rate (%) | 50.00 |
| Charge-off and recovery lag (mos.) | 4 |
| Bifurcated pool (%) | |
| Underwater APR(i) | 52.00 |
| Above-water APR(i) | 48.00 |
| Loss allocation (% of total losses) | |
| Underwater APR | 40.00 |
| Above-water APR | 60.00 |
| Voluntary ABS (%) | |
| Underwater APR | 0.25 |
| Above-water APR | 1.50 |
| CNL timing mos. (12/24/36/48/60) (%) | |
| Underwater APR | 35.00/70.00/85.00/100 |
| Above-water APR | 55.00/90.00/100 |

(i) For cash flow modeling purposes, we applied a low-APR/high-APR cutoff of 5.00%. APR--Annual percentage rate. ABS--Absolute prepayment speed. CNL--Cumulative net loss.

Table 9

Break-even cash flow results

| | |
|--------------------|-----------------------|
| Class | A-1/A-2a/A-2b/A-3/A-4 |
| Preliminary rating | A-1+/AAA (sf) |

Table 9

Break-even cash flow results (cont.)**CNL timing mos. (12/24/36/48/60)(%)**

| | |
|--------------------------------------|--------------------|
| Aggregate | 48.0/83.0/95.0/100 |
| Underwater APR(i) | 38.0/74.0/89.0/100 |
| Above-water APR(i) | 55.0/90.0/100 |
| Approx. break-even CNL rate (%) (ii) | 7.6 |

(i) The low-APR/high-APR cutoff is 5.0%. (ii) The maximum cumulative net losses on the pool that the transaction can withstand without triggering a payment default on the class A notes. CNL--Cumulative net loss. APR--Annual percentage rate.

Sensitivity analysis

In addition to running break-even cash flows, we undertook sensitivity analyses using the assumptions in table 8 above. We believe that under a moderate ('BBB') stress scenario (2.0x our minimum 'B' credit enhancement level, based on 0.80% ECNL) and with 100% credit to any excess spread, all else being equal, our preliminary ratings will be within the credit stability limits specified in section A.4 of the Appendix in "S&P Global Ratings Definitions," published June 9, 2023 (see table 8 and chart 4 above). The 0.80% implied ECNL is based on our 4.00% minimum credit enhancement level for a 'AAA' rating, as outlined in our auto criteria (see "Global Auto ABS Methodology And Assumptions," published March 31, 2022).

Table 10

Credit stability as a limiting factor on ratings

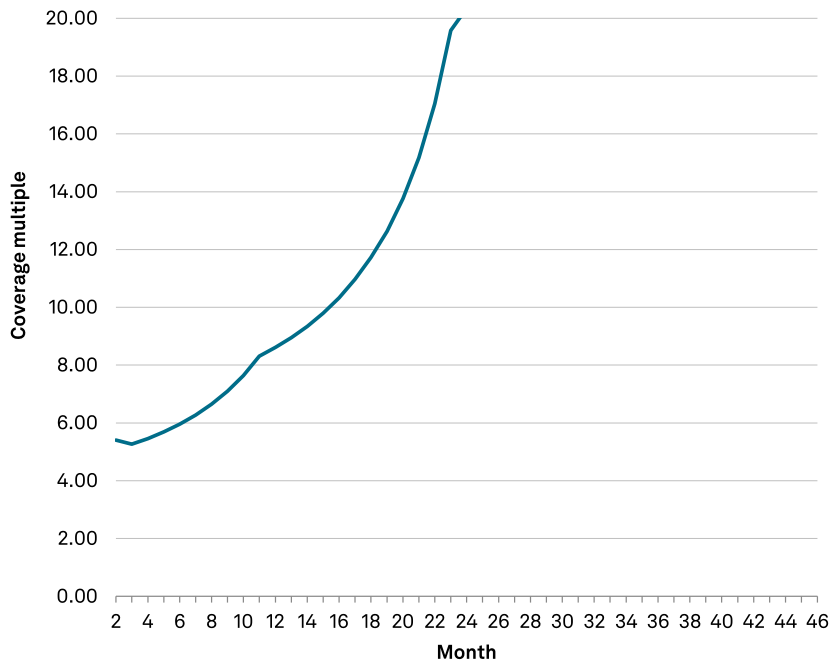
Maximum projected deterioration(i) associated with rating levels for one-year and three-year horizons under moderate stress conditions

| | AAA | AA | A | BBB | BB |
|-------------|------------|-----------|----------|------------|-----------|
| One year | AA | A | BB | B | CCC |
| Three years | BBB | BB | B | CCC | D |

(i) These credit-quality transitions do not reflect our view of the expected degree of deterioration that rated issuers or obligations could experience over the specified time horizons, nor do they reflect the typical historical levels of deterioration among rated issuers and securities.

Chart 6

'BBB' sensitivity loss coverage multiples



Copyright © 2024 by Standard & Poor's Financial Services LLC. All rights reserved.

Money Market Tranche Sizing

The proposed legal final maturity date for the money market tranche (class A-1) is Jan. 15, 2025. To test whether the money market tranche can be repaid by the proposed legal final maturity date, we ran cash flows using assumptions to delay the principal collections during that time period. We assumed zero defaults, and we saw that the money market tranche would be paid off in full before the legal final maturity date, assuming a zero absolute prepayment speed for the underwater collateral and 0.50% absolute prepayment speed for the above-water collateral.

Legal Final Maturity

To test the legal final maturity dates proposed for the class A-1, A-2a, A-2b, A-3, and A-4 notes, we determined the dates on which the respective notes were fully amortized in a zero-loss, zero-prepayment scenario, and then added three months to the result. For the longest-dated security (class B), at least 12 months were added to the tenor of the longest receivable in the pool to accommodate potential extensions on the receivables. Furthermore, in our break-even cash flow scenario for each respective preliminary rating level, we confirmed that there was sufficient credit enhancement to both cover losses and repay the related notes in full by the legal final maturity date.

Toyota

Toyota Motor Credit Corp. was incorporated in California in 1982 and began operating in 1983. It is owned by Toyota Financial Services International Corp., a California corporation that is a wholly owned subsidiary of Toyota Financial Services Corp., a Japanese corporation that is a wholly owned subsidiary of Toyota Motor Corp., another Japanese corporation. Toyota Financial Services manages Toyota Motor Corp.'s worldwide finance operations.

Related Criteria

- Criteria | Structured Finance | ABS: Global Auto ABS Methodology And Assumptions, March 31, 2022
- General Criteria: Environmental, Social, And Governance Principles In Credit Ratings, Oct. 10, 2021
- Criteria | Structured Finance | General: Global Framework For Payment Structure And Cash Flow Analysis Of Structured Finance Securities, Dec. 22, 2020
- Criteria | Structured Finance | General: Methodology To Derive Stressed Interest Rates In Structured Finance, Oct. 18, 2019
- Criteria | Structured Finance | Legal: U.S. Structured Finance Asset Isolation And Special-Purpose Entity Criteria, May 15, 2019
- Criteria | Structured Finance | General: Counterparty Risk Framework: Methodology And Assumptions, March 8, 2019
- Criteria | Structured Finance | General: Incorporating Sovereign Risk In Rating Structured Finance Securities: Methodology And Assumptions, Jan. 30, 2019
- General Criteria: Methodology For Linking Long-Term And Short-Term Ratings, April 7, 2017
- Criteria | Structured Finance | General: Global Framework For Assessing Operational Risk In Structured Finance Transactions, Oct. 9, 2014
- General Criteria: Global Investment Criteria For Temporary Investments In Transaction Accounts, May 31, 2012
- General Criteria: Principles Of Credit Ratings, Feb. 16, 2011
- Criteria | Structured Finance | General: Methodology For Servicer Risk Assessment, May 28, 2009

Related Research

- U.S. Auto Loan ABS Tracker: November 2023 Performance, Jan. 9, 2024
- Credit Conditions North America Q1 2024: A Cluster Of Stresses, Nov. 28, 2023
- Economic Outlook U.S. Q1 2024: Cooling Off But Not Breaking, Nov. 27, 2023
- Ratings Affirmed on Twenty Classes From Nine Toyota Auto Receivables Owner Trust Transactions, Nov. 14, 2023
- Toyota Motor Corp., April 3, 2023

Copyright © 2024 Standard & Poor's Financial Services LLC. All rights reserved.

No content (including ratings, credit-related analyses and data, valuations, model, software or other application or output therefrom) or any part thereof (Content) may be modified, reverse engineered, reproduced or distributed in any form by any means, or stored in a database or retrieval system, without the prior written permission of Standard & Poor's Financial Services LLC or its affiliates (collectively, S&P). The Content shall not be used for any unlawful or unauthorized purposes. S&P and any third-party providers, as well as their directors, officers, shareholders, employees or agents (collectively S&P Parties) do not guarantee the accuracy, completeness, timeliness or availability of the Content. S&P Parties are not responsible for any errors or omissions (negligent or otherwise), regardless of the cause, for the results obtained from the use of the Content, or for the security or maintenance of any data input by the user. The Content is provided on an "as is" basis. S&P PARTIES DISCLAIM ANY AND ALL EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, FREEDOM FROM BUGS, SOFTWARE ERRORS OR DEFECTS, THAT THE CONTENT'S FUNCTIONING WILL BE UNINTERRUPTED OR THAT THE CONTENT WILL OPERATE WITH ANY SOFTWARE OR HARDWARE CONFIGURATION. In no event shall S&P Parties be liable to any party for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees, or losses (including, without limitation, lost income or lost profits and opportunity costs or losses caused by negligence) in connection with any use of the Content even if advised of the possibility of such damages.

Credit-related and other analyses, including ratings, and statements in the Content are statements of opinion as of the date they are expressed and not statements of fact. S&P's opinions, analyses and rating acknowledgment decisions (described below) are not recommendations to purchase, hold, or sell any securities or to make any investment decisions, and do not address the suitability of any security. S&P assumes no obligation to update the Content following publication in any form or format. The Content should not be relied on and is not a substitute for the skill, judgment and experience of the user, its management, employees, advisors and/or clients when making investment and other business decisions. S&P does not act as a fiduciary or an investment advisor except where registered as such. While S&P has obtained information from sources it believes to be reliable, S&P does not perform an audit and undertakes no duty of due diligence or independent verification of any information it receives. Rating-related publications may be published for a variety of reasons that are not necessarily dependent on action by rating committees, including, but not limited to, the publication of a periodic update on a credit rating and related analyses.

To the extent that regulatory authorities allow a rating agency to acknowledge in one jurisdiction a rating issued in another jurisdiction for certain regulatory purposes, S&P reserves the right to assign, withdraw or suspend such acknowledgment at any time and in its sole discretion. S&P Parties disclaim any duty whatsoever arising out of the assignment, withdrawal or suspension of an acknowledgment as well as any liability for any damage alleged to have been suffered on account thereof.

S&P keeps certain activities of its business units separate from each other in order to preserve the independence and objectivity of their respective activities. As a result, certain business units of S&P may have information that is not available to other S&P business units. S&P has established policies and procedures to maintain the confidentiality of certain non-public information received in connection with each analytical process.

S&P may receive compensation for its ratings and certain credit-related analyses, normally from issuers or underwriters of securities or from obligors. S&P reserves the right to disseminate its opinions and analyses. S&P's public ratings and analyses are made available on its Web sites, www.standardandpoors.com (free of charge), and www.ratingsdirect.com and www.globalcreditportal.com (subscription), and may be distributed through other means, including via S&P publications and third-party redistributors. Additional information about our ratings fees is available at www.standardandpoors.com/usratingsfees.