On Deck Capital, Inc.
Form 10-Q
August 07, 2017
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## UNITED STATES

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-Q
(MARK ONE)
ý QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ${ }^{\text {y }}$ ACT OF 1934
FOR THE QUARTERLY PERIOD ENDED JUNE 30, 2017
OR
..TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
FOR THE TRANSITION PERIOD FROM TO
Commission File Number 001-36779

On Deck Capital, Inc.
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of incorporation or organization)

42-1709682
(I.R.S. Employer

Identification No.)

1400 Broadway, 25th Floor, New York, New York 10018
(Address of principal executive offices)
(Zip Code)
(888) 269-4246
(Registrant's telephone number, including area code)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. YES ý NO *
Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data file required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). YES ý NO *.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer ${ }^{\prime}$
Accelerated filer
.. (Do not check
Non-accelerated filer
if a smaller reporting company)

Smaller reporting company

Emerging growth company
If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.
Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act. YES " NO x
The number of shares of the registrant's common stock outstanding as of July 31, 2017 was $73,133,560$.

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## PART I

Item 1.Financial Statements (Unaudited)
ON DECK CAPITAL, INC. AND SUBSIDIARIES
Unaudited Condensed Consolidated Balance Sheets
(in thousands, except share and per share data)

|  | June 30, | December 31, |
| :--- | :--- | :--- |
| Assets | 2017 | 2016 |
| Cash and cash equivalents |  |  |
| Restricted cash | $\$ 77,936$ | $\$ 79,554$ |
| Loans held for investment | 54,166 | 44,432 |
| Less: Allowance for loan losses | 970,472 | $1,000,445$ |
| Loans held for investment, net | $(105,217$ | $(110,162$ |
| Loans held for sale | 865,255 | 890,283 |
| Property, equipment and software, net | - | 373 |
| Other assets | 26,962 | 29,405 |
| Total assets | 19,119 | 20,044 |
| Liabilities and equity | $\$ 1,043,438$ | $\$ 1,064,091$ |
| Liabilities: |  |  |
| Accounts payable | $\$ 5,569$ | $\$ 5,271$ |
| Interest payable | 2,406 | 2,122 |
| Funding debt | 719,091 | 726,639 |
| Corporate debt | 24,976 | 27,966 |
| Accrued expenses and other liabilities | 31,596 | 38,496 |
| Total liabilities | 783,638 | 800,494 |
| Commitments and contingencies (Note 9$)$ |  |  |
| Stockholders' equity (deficit): |  |  |
| Common stock-\$0.005 par value, 1,000,000,000 shares authorized and $76,384,797$ and |  |  |
| $74,801,825$ shares issued and $73,057,122$ and $71,605,708$ outstanding at June 30,2017 and 382 | 374 |  |
| December 31, 2016, respectively. |  | $(7,341$ |
| Treasury stock-at cost | $(6,697$ |  |
| Additional paid-in capital | 485,631 | 477,526 |
| Accumulated deficit | $(223,869$ | $)(211,299$ |
| Accumulated other comprehensive loss | $(139$ | $)(379$ |
| Total On Deck Capital, Inc. stockholders' equity | 254,664 | 259,525 |
| Noncontrolling interest | 5,136 | 4,072 |
| Total equity | 259,800 | 263,597 |
| Total liabilities and equity | $\$ 1,043,438$ | $\$ 1,064,091$ |

The accompanying notes are an integral part of these condensed consolidated financial statements.

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ON DECK CAPITAL, INC. AND SUBSIDIARIES
Unaudited Condensed Consolidated Statements of Operations and Comprehensive Income (in thousands, except share and per share data)

Revenue:
Interest income
Gain on sales of loans
Other revenue
Gross revenue
Cost of revenue:
Provision for loan losses
Funding costs
Total cost of revenue
Net revenue
Operating expense:
Sales and marketing

| Three Months Ended |  | Six Months Ended |  |
| :---: | :---: | :---: | :---: |
| June 30, |  | June 30, |  |
| 2017 | 2016 | 2017 | 2016 |
| \$83,721 | \$ 63,886 | \$ 170,832 | \$ 117,365 |
| 260 | 2,813 | 1,744 | 9,924 |
| 2,670 | 2,803 | 6,967 | 4,828 |
| 86,651 | 69,502 | 179,543 | 132,117 |
| 32,733 | 32,271 | 78,913 | 57,708 |
| 11,616 | 8,374 | 22,893 | 14,096 |
| 44,349 | 40,645 | 101,806 | 71,804 |
| 42,302 | 28,857 | 77,737 | 60,313 |
| 15,368 | 16,757 | 30,187 | 33,305 |
| 14,769 | 13,757 | 30,212 | 27,844 |
| 4,826 | 4,865 | 9,361 | 9,080 |
| 9,590 | 12,149 | 21,477 | 21,858 |
| 44,553 | 47,528 | 91,237 | 92,087 |
| (2,251 ) | ) $(18,671)$ | ) $(13,500)$ | ) $(31,774)$ |
| (318) | ) (37 ) | ) (671 ) | ) (75 ) |
| (318) | ) (37 ) | $)(671)$ | ) $(75$ |
| (2,569 ) | ) $(18,708)$ | ) $(14,171)$ | ) $(31,849)$ |
|  | - | - | - |
| (2,569 ) | ) $(18,708)$ | ) $(14,171)$ | ) $(31,849)$ |
| 1,071 | 813 | 1,615 | 1,381 |
| \$(1,498) | ) \$(17,895 ) | ) $\$(12,556)$ | ) $\$(30,468)$ |

Net loss attributable to On Deck Capital, Inc. common stockholders
Net loss per share attributable to On Deck Capital, Inc. common shareholders:
Basic and diluted
$\$(0.02) \$(0.25 \quad) \$(0.17 \quad) \$(0.43)$
Weighted-average common shares outstanding:
Basic and diluted
$72,688,81570,712,14272,276,73470,588,784$

Comprehensive loss:
Net loss $\quad \$(2,569) \$(18,708) \$(14,171) \$(31,849)$
Other comprehensive loss:
Foreign currency translation adjustment $\quad 36 \quad(326) 436 \quad 192$
Comprehensive loss
Comprehensive loss attributable to noncontrolling interests
Net loss attributable to noncontrolling interest
Comprehensive loss attributable to On Deck Capital, Inc. common stockholders
$\left.\begin{array}{lllll}(2,533 & ) & (19,034 & )(13,735 & )(31,657\end{array}\right)$

The accompanying notes are an integral part of these condensed consolidated financial statements.
$\qquad$

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ON DECK CAPITAL, INC. AND SUBSIDIARIES
Unaudited Condensed Consolidated Statements of Cash Flows (in thousands)

Cash flows from operating activities
Net income (loss)
Adjustments to reconcile net loss to net cash provided by operating activities:
Provision for loan losses
Depreciation and amortization
Amortization of debt issuance costs
Stock-based compensation
Amortization of net deferred origination cost
Changes in servicing rights, at fair value
Gain on sales of loans
Unfunded loan commitment reserve
Gain on extinguishment of debt
Six Months Ended
June 30,
20172016

Changes in operating assets and liabilities:
Other assets
$374 \quad 18$
Accounts payable $298 \quad 1,175$
Interest payable 284372
Accrued expenses and other liabilities
Originations of loans held for sale
Capitalized net deferred origination costs of loans held for sale
Proceeds from sale of loans held for sale
(7,569 ) (229 )
$(41,421)(167,207)$

Principal repayments of loans held for sale
Net cash provided by operating activities
(950 ) (5,769 )

Cash flows from investing activities
Change in restricted cash
Purchases of property, equipment and software
Capitalized internal-use software
Originations of term loans and lines of credit, excluding rollovers into new originations
Proceeds from sale of loans held for investment
42,730 170,043
1,004 5,014
96,995 52,313

Payments of net deferred origination costs
Principal repayments of term loans and lines of credit
Other
Purchase of loans
Net cash used in investing activities
$(9,734)(1,353)$
(1,081 ) (5,494 )
$(1,824)(2,610)$
$(857,841)(862,454)$
10,008 41,375
(21,317 ) (21,033 )
804,875 547,305

Cash flows from financing activities
Investments by noncontrolling interests
Purchase of treasury shares
Proceeds from exercise of stock options and warrants
Issuance of common stock under employee stock purchase plan
Proceeds from the issuance of funding debt
Proceeds from the issuance of corporate debt
Payments of debt issuance costs
Distribution to noncontrolling interest

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|  | Six Month <br> June 30, <br> 2017 | s Ended 2016 |
| :---: | :---: | :---: |
| Repayments of funding debt principal | (111,023 ) | (312,442) |
| Repayments of corporate debt principal | (10,000 | ) - |
| Net cash provided by (used in) financing activities | (8,748 | 176,897 |
| Effect of exchange rate changes on cash and cash equivalents | 779 | 168 |
| Net decrease in cash and cash equivalents | (1,618 | (81,759 |
| Cash and cash equivalents at beginning of period | 79,554 | 159,822 |
| Cash and cash equivalents at end of period | \$77,936 | \$78,063 |
| Supplemental disclosure of other cash flow information |  |  |
| Cash paid for interest | \$21,300 | \$9,447 |
| Supplemental disclosures of non-cash investing and financing activities |  |  |
| Stock-based compensation included in capitalized internal-use software | \$140 | \$647 |
| Unpaid principal balance of term loans rolled into new originations | \$138,115 | \$ 129,688 |

The accompanying notes are an integral part of these condensed consolidated financial statements.

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## ON DECK CAPITAL, INC. AND SUBSIDIARIES

Notes to Unaudited Condensed Consolidated Financial Statements

1. Organization and Summary of Significant Accounting Policies

On Deck Capital, Inc.'s principal activity is providing financing to small businesses located throughout the United States as well as Canada and Australia, through term loans and lines of credit. We use technology and analytics to aggregate data about a small business and then quickly and efficiently analyze the creditworthiness of the business using our proprietary credit-scoring model. We originate most of the loans in our portfolio and also purchase loans from our issuing bank partner. We subsequently transfer most loans into one of our wholly-owned subsidiaries or, from time to time, depending upon market conditions and other factors, may sell them through OnDeck
Marketplace ${ }^{\circledR}$.
Basis of Presentation and Principles of Consolidation
We prepare our condensed consolidated financial statements and footnotes in accordance with accounting principles generally accepted in the United States of America, or GAAP, as contained in the Financial Accounting Standards Board, or FASB, Accounting Standards Codification, or ASC. All intercompany transactions and accounts have been eliminated in consolidation. Certain reclassifications have been made to the prior year amounts to conform to the current year presentation. When used in these notes to condensed consolidated financial statements, the terms "we," "us," "our" or similar terms refers to On Deck Capital, Inc. and its consolidated subsidiaries.
We consolidate the financial position and results of operations of these entities. The noncontrolling interest, which is presented as a separate component of our consolidated equity, represents the minority owners' proportionate share of the equity of the jointly owned entities. The noncontrolling interest is adjusted for the minority owners' share of the earnings, losses, investments and distributions.
Use of Estimates
The preparation of financial statements in conformity with GAAP requires us to make estimates and assumptions that affect the reported amounts in the condensed consolidated financial statements and accompanying notes. Significant estimates include allowance for loan losses, valuation of warrants, stock-based compensation expense, servicing assets/liabilities, loans purchased, capitalized software development costs, the useful lives of long-lived assets and valuation allowance for deferred tax assets. We base our estimates on historical experience, current events and other factors we believe to be reasonable under the circumstances. These estimates and assumptions are inherently subjective in nature; actual results may differ from these estimates and assumptions.
Recently Adopted Accounting Standards
In March 2016, the FASB issued ASU 2016-09, Improvements to Employee Share-Based Payment Accounting. ASU 2016-09 simplifies several aspects of accounting for share-based payment award transactions which include the income tax consequences, classification of awards as either equity or liabilities, classification on the statement of cash flows and forfeiture rate calculations. We adopted the new standard effective January 1, 2017. The adoption of this standard did not have a material impact on our consolidated financial statements and no prior period amounts were adjusted.
Recent Accounting Pronouncements Not Yet Adopted
In May 2014, the FASB issued ASU 2014-09, Revenue Recognition, which creates ASC 606, Revenue from Contracts with Customers, and supersedes ASC 605, Revenue Recognition. ASU 2014-09 requires revenue to be recognized in an amount that reflects the consideration to which the entity expects to be entitled in exchange for goods or services and also requires additional disclosure about the nature, amount, timing, and uncertainty of revenue and cash flows from customer contracts. The new standard will be effective for annual reporting periods beginning after December 15, 2017, including interim periods within that reporting period. Early adoption is permitted for annual reporting periods beginning after December 15, 2016. In March 2016, the FASB issued ASU 2016-08, Principal versus Agent Considerations, which makes amendments to the new revenue standard on assessing whether an entity is a principal or an agent in a revenue transaction and impacts whether an entity reports revenue on a gross or net basis. In April 2016, the FASB issued ASU 2016-10, Identifying Performance Obligations and Licensing, which makes amendments to the new revenue standard regarding the identification of performance obligations and accounting for the license of intellectual property. In May 2016, the FASB issued ASU 2016-12, Narrow-Scope Improvements and

Practical Expedients, which makes amendments to the new revenue standard regarding assessing collectibility, presentation of sales taxes, noncash consideration and completed contracts and contract modifications at the time of transition to the new standard. Each amendment has the same effective date and transition requirements as the new revenue recognition standard. We completed our initial assessment of the impact of the new revenue standard noting that revenue generated in accordance with ASC 310, Receivables, and ASC 860, Transfers and Servicing, is explicitly excluded from the scope of ASC 606. Accordingly, we have concluded that our interest income, gains on loan sales and loan servicing income will not be affected by the adoption of ASC 606. Marketing fees from our

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issuing bank partner will be within the scope of ASC 606 . We will adopt the requirements of the new standard effective January 1, 2018 and intend to apply the modified retrospective method of adoption with the cumulative effect of adoption, if material, recognized at the date of initial application. We believe that ASC 606 will have little, if any, impact on the timing and amount of revenue recognition as compared to the current standard and that there will be no material impact upon adoption.
In February 2016, the FASB issued ASU 2016-02, Leases, which creates ASC 842, Leases, and supersedes ASC 840, Leases. ASU 2016-02 requires lessees to recognize a right-of-use asset and lease liability for all leases with terms of more than 12 months. Recognition, measurement and presentation of expenses will depend on classification as a finance or operating lease. The new standard will be effective for annual reporting periods beginning after December 15,2018 , including interim periods within that reporting period and is applied retrospectively. Early adoption is permitted. We are currently assessing the impact that the adoption of this standard will have on our consolidated financial statements.
In June 2016, the FASB issued ASU 2016-13, Measurement of Credit Losses on Financial Instruments. ASU 2016-13 will change the impairment model and how entities measure credit losses for most financial assets. The standard requires entities to use the new expected credit loss impairment model which will replace the incurred loss model used today. The new standard will be effective for annual reporting periods beginning after December 15, 2019. Early adoption is permitted, but not prior to December 15,2018 . We are currently assessing the impact that the adoption of this standard will have on our consolidated financial statements.
2. Net Loss Per Common Share

Basic and diluted net loss per common share is calculated as follows (in thousands, except share and per share data):
Three Months Ended Six Months Ended

| June 30, |  |  |  |
| :--- | :--- | :--- | :--- |
| 2017 | 2016 | 2017 | 2016 |

Numerator:
Net loss $\quad \$(2,569) \$(18,708) \$(14,171) \$(31,849)$
Less: net loss attributable to noncontrolling interest $\quad 1,071 \quad 813 \quad 1,615 \quad 1,381$
Net loss attributable to On Deck Capital, Inc. common stockholders $\$(1,498) \$(17,895) \$(12,556) \$(30,468)$
Denominator:
Weighted-average common shares outstanding, basic and diluted
Net loss per common share, basic and diluted

72,688,8150,712,142 72,276,73470,588,784
$\$(0.02) \$(0.25 \quad) \$(0.17 \quad) \$(0.43 \quad)$

Diluted loss per common share is the same as basic loss per common share for all periods presented because the effects of potentially dilutive items were anti-dilutive given our net losses. The following common share equivalent securities have been excluded from the calculation of weighted-average common shares outstanding because the effect is anti-dilutive for the periods presented:

Anti-Dilutive Common Share Equivalents
Warrants to purchase common stock
Restricted stock units
Stock options
Employee stock purchase program

| Three Months Ended <br> June 30, | Six Months Ended <br> June 30, |  |  |
| :--- | :--- | :--- | :--- |
| 2017 | 2016 | 2017 | 2016 |
|  |  |  |  |
| 22,000 | 22,000 | 22,000 | 22,000 |
| $2,757,192$ | $3,356,202$ | $2,757,192$ | $3,356,202$ |
| $9,159,794$ | $10,692,143$ | $9,159,794$ | $10,692,143$ |
| 79,315 | 115,821 | 130,805 | 159,438 |
| $12,018,301$ | $14,186,166$ | $12,069,791$ | $14,229,783$ |

The weighted-average exercise price for warrants to purchase $2,007,846$ shares of common stock was $\$ 10.70$ as of June 30, 2017. For the three months and six months ended June 30, 2017, and 2016 a warrant to purchase 1,985,846 and $2,206,496$ shares of common stock, respectively, was excluded from anti-dilutive common share equivalents as performance conditions had not been met.

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3. Loans Held for Investment and Allowance for Loan Losses

Loans held for investment consisted of the following as of June 30, 2017 and December 31, 2016 (in thousands): June 30, December 31, 20172016
Term loans $\quad \$ 831,286 \$ 864,066$
Lines of credit $\quad 122,523 \quad 116,385$
Total unpaid principal balance $953,809 \quad 980,451$
Net deferred origination costs $16,663 \quad 19,994$
Total loans held for investment \$970,472 \$ 1,000,445
During the six months ended June 30, 2017, we paid $\$ 13.7$ million to purchase term loans that we previously sold to a third party which are included in the unpaid principal balance of loans held for investment.
We include both loans we originate and loans funded by our issuing bank partner and later purchased by us as part of our originations. During the three months ended June 30, 2017 and 2016, we purchased such loans from our issuing bank partner in the amount of $\$ 120.7$ million and $\$ 130.2$ million, respectively. During the six months ended June 30, 2017 and 2016, we purchased such loans in the amount of $\$ 265.7$ million and $\$ 233.7$ million, respectively.

The activity in the allowance for loan losses for the three months ended June 30, 2017 and 2016 consisted of the following (in thousands):

Balance at beginning of period
Provision for loan losses
Loans charged off
Recoveries of loans previously charged off 4,226 1,496 6,843 2,973
Allowance for loan losses at end of period $\$ 105,217 \quad \$ 73,849 \quad \$ 105,217 \quad \$ 73,849$
When loans are charged-off, we may continue to attempt to recover amounts from the respective borrowers and guarantors, or pursue our rights through formal legal action. Alternatively, we may sell such previously charged-off loans to a third-party debt collector. The proceeds from these sales are recorded as a component of the recoveries of loans previously charged off. For the three months ended June 30, 2017 and 2016, previously charged-off loans sold accounted for $\$ 1.9$ million and $\$ 0.9$ million, respectively, of recoveries of loans previously charged off. For the six months ended June 30, 2017 and 2016, previously charged-off loans sold accounted for $\$ 3.8$ million and $\$ 1.9$ million, respectively, of recoveries of loans previously charged off.
As of June 30, 2017 and December 31, 2016, our credit exposure related to the undrawn line of credit balances was $\$ 185.1$ million and $\$ 164.5$ million, respectively. The related reserve on unfunded loan commitments was $\$ 4.1$ million and $\$ 3.9$ million as of June 30, 2017 and December 31, 2016, respectively. Net adjustments to the accrual for unfunded loan commitments are included in general and administrative expenses.
The following table contains information, on a combined basis, regarding the unpaid principal balance of loans we originated and the amortized cost of loans purchased from third parties other than our issuing bank partner related to non-delinquent, paying and non-paying delinquent loans as of June 30, 2017 and December 31, 2016 (in thousands): June 30, December 31, 20172016
Non-delinquent loans \$859,904 \$ 890,297
Delinquent: paying (accrual status)
41,735 36,073
Delinquent: non-paying (non-accrual status) 52,170 54,081
Total \$953,809 \$ 980,451
The portion of the allowance for loan losses attributable to non-delinquent loans was $\$ 70.2$ million and $\$ 59.5$ million as of June 30, 2017 and December 31, 2016, respectively, while the portion of the allowance for loan losses attributable to delinquent loans was $\$ 35.0$ million and $\$ 50.7$ million as of June 30, 2017 and December 31, 2016,
respectively.
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The following table shows an aging analysis of the unpaid principal balance related to loans held for investment by delinquency status as of June 30, 2017 and December 31, 2016 (in thousands):

$$
\begin{array}{ll}
\text { June 30, } & \text { December 31, } \\
2017 & 2016
\end{array}
$$

By delinquency status:
Non-delinquent loans $\quad \$ 859,904 \$ 890,297$
1-14 calendar days past due $\quad 24,805 \quad 25,899$
15-29 calendar days past due $12,263 \quad 15,990$
30-59 calendar days past due 25,322 22,677
60-89 calendar days past due $19,226 \quad 13,952$
$90+$ calendar days past due $12,289 \quad 11,636$
Total unpaid principal balance $\$ 953,809 \$ 980,451$

## 4. Servicing Rights

As of June 30, 2017 and December 31, 2016, we serviced term loans owned by others with a remaining unpaid principal balance of $\$ 157.0$ million and $\$ 222.0$ million, respectively. During the three months ended June 30, 2017 and 2016, we sold through OnDeck Marketplace loans with an unpaid principal balance of $\$ 9.1$ million and $\$ 77.2$ million, respectively and during the six months ended June 30, 2017 and 2016, we sold loans with an unpaid principal balance of $\$ 50.2$ million and $\$ 197.3$ million, respectively.
For the three months ended June 30, 2017 and 2016, we earned $\$ 0.6$ million and $\$ 0.1$ million of servicing revenue, respectively. For the six months ended June 30, 2017 and 2016, we earned $\$ 0.9$ million, and $\$ 0.5$ million of servicing revenue, respectively.
The following table summarizes the activity related to the fair value of our servicing assets for the three and six months ended June 30, 2017 (in thousands):

Fair value at the beginning of period
Three Months

Ended June 30, | Six Months |
| :--- |
| Ended |
| June 30, |

Addition:
Servicing resulting from transfers of financial assets 233626663 1,574
Changes in fair value:
Other changes in fair value ${ }^{(1)} \quad(392)(1,284)(1,093)(3,074)$
$\begin{array}{lllll}\text { Fair value at the end of period (Level 3) }\end{array} \quad \$ 701 \quad \$ 1,989 \quad \$ 701 \quad \$ 1,989$
${ }^{(1)}$ Represents changes due to collection of expected cash flows through June 30, 2017 and 2016.

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5. Debt

The following table summarizes our outstanding debt as of June 30, 2017 and December 31, 2016 (in thousands):

| Description | Type | Maturity Date | Weighted Average <br> Interest <br> Rate at June 30, 2017 | $\begin{aligned} & \text { June } 30, \\ & 2017 \end{aligned}$ | $\begin{aligned} & \text { December } \\ & 31,2016 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Funding Debt: |  |  |  |  |  |
| ODAST II Agreement | Securitization Facility | May $2020{ }^{(1)}$ | 4.7\% | 250,000 | 250,000 |
| ODART Agreement | Revolving | March 2019 | 3.8\% | 133,538 | 133,767 |
| RAOD Agreement | Revolving | November 2018 | 3.7\% | 68,052 | 99,985 |
| ODAF I Agreement | Revolving | February $2020{ }^{(2)}$ | 8.3\% | 98,289 | 100,000 |
| ODAC Agreement | Revolving | May 2019 | 8.4\% | 74,013 | 65,486 |
| PORT II Agreement | Revolving | December 2018 | 3.7\% | 66,484 | 52,397 |
| Other Agreements | Various | Various ${ }^{(3)}$ | Various | 36,030 | 30,887 |
|  |  |  |  | 726,406 | 732,522 |
| Deferred Debt Issuance Cost |  |  |  | (7,315 ) | ) (5,883 |
| Total Funding Debt |  |  |  | 719,091 | 726,639 |
| Corporate Debt: |  |  |  |  |  |
| Square 1 Agreement | Revolving | October 2018 | 5.5\% | 25,000 | 28,000 |
| Deferred Debt Issuance Cost |  |  |  |  | ) $(34$ |
| Total Corporate Debt |  |  |  | 24,976 | 27,966 |

${ }^{(1)}$ The period during which remaining cash flow can be used to purchase additional loans expires April 2018.
${ }^{(2)}$ The period during which new borrowings may be made under this facility expires in February 2019.
${ }^{(3)}$ Maturity dates range from July 2017 to December 2018.

Certain of our loans held for investment are pledged as collateral for borrowings in our funding debt facilities. These loans totaled $\$ 860.5$ million and $\$ 886.4$ million as of June 30, 2017 and December 31, 2016, respectively. Our corporate debt facility is collateralized by substantially all of our assets.

ODAF I Agreement
On February 14, 2017, we entered into an amendment of the ODAF I Agreement which provided for an increase in the Lenders' revolving commitment from an aggregate amount of $\$ 100$ million to $\$ 150$ million, the extension of the revolving commitment termination date by approximately six months to February 14, 2019, and various technical, definitional, conforming and other changes.
ODART Agreement
On March 20, 2017, we entered into an amendment and restatement of the ODART Agreement which provided for a $\$ 50$ million increase in the maximum amount of the Class A revolving loans and an increase up to $\$ 1.8$ million in the maximum amount of the Class B revolving loans, thereby increasing the total facility size up to $\$ 214.1$ million, an extension of the revolving commitment period during which ODART may utilize funding capacity under the Deutsche Bank Facility to March 20, 2019, a borrowing base advance rate for the Class A revolving loans of $85 \%$ and a borrowing base advance rate for the Class B revolving loans of $91 \%$; and various technical, definitional, conforming and other changes.
ODAC Agreement
On May 4, 2017, we renewed the ODAC facility with amended terms, which provided for an increase in the revolving commitments from $\$ 75$ million to $\$ 100$ million and an extension of the revolving commitment period to May 3,2019 . The interest

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rate decreased to LIBOR (minimum of $0.75 \%$ ) $+7.25 \%$ from LIBOR (minimum of $0.0 \%$ ) $+9.25 \%$ and the advance rate increased from $75 \%$ to $85 \%$.
RAOD Agreement
On May 25, 2017, we renewed the RAOD facility with amended terms which provided for an extension of the revolving commitment period to November 22, 2018; a decrease in the interest rate to LIBOR $+2.5 \%$ from LIBOR + $3.0 \%$; and various technical, definitional, conforming and other changes.

## 6. Fair Value of Financial Instruments

Assets and Liabilities Measured at Fair Value on a Recurring Basis Using Significant Unobservable Inputs (Level 3) We evaluate our financial assets and liabilities subject to fair value measurements on a recurring basis to determine the appropriate level at which to classify them for each reporting period. Due to the lack of transparency and quantity of transactions related to trades of servicing rights of comparable loans, we utilize an income valuation technique to estimate fair value. We utilize industry-standard modeling, such as discounted cash flow models, to arrive at an estimate of fair value and may utilize third-party service providers to assist in the valuation process. This determination requires significant judgments to be made.

The following tables present information about our assets and liabilities that are measured at fair value on a recurring basis as of June 30, 2017 and December 31, 2016 (in thousands):

June 30, 2017
Description LeLelvel 2 Level 3 Total
Assets:
Servicing assets \$ \$ \$ $701 \quad \$ 701$
Total assets \$\$ $\quad \$ 701 \quad \$ 701$
December 31, 2016
Description LeLelvel 2 Level 3 Total
Assets:
Servicing assets $\$ \$ \quad \$ 1,131 \quad \$ 1,131$
Total assets $\quad \$ \$ \quad \$ 1,131 \quad \$ 1,131$
There were no transfers between levels for the six months ended June 30, 2017 or December 31, 2016.

The following tables presents quantitative information about the significant unobservable inputs used for certain of our Level 3 fair value measurement as of June 30, 2017 and December 31, 2016:

June 30, 2017

|  | Unobservable input |
| :---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | Minimum | Maximum |
| :---: | :--- | :--- | :--- | :--- | :--- | | Weighted |
| :--- |
| Average |

${ }^{(1)}$ Estimated cost of servicing a loan as a percentage of unpaid principal balance.

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December 31, 2016

${ }^{(1)}$ Estimated cost of servicing a loan as a percentage of unpaid principal balance.

Changes in certain of the unobservable inputs noted above may have a significant impact on the fair value of our servicing asset. The following table summarizes the effect adverse changes in estimate would have on the fair value of the servicing asset as of June 30, 2017 and December 31, 2016 given hypothetical changes in default rate and cost to service (in thousands):

| June | December |
| :--- | :--- |
| 30, | 31,2016 |
| 2017 |  |

## Servicing Assets

Default rate assumption:
Default rate increase of $25 \% \quad \$(69) \$(98 \quad)$
Default rate increase of $50 \%$ (133) \$ (188 )
Cost to service assumption:
Cost to service increase by $25 \%$ (53 ) \$ (60 )
Cost to service increase by $50 \%$ (105) \$ (120 )
Assets and Liabilities Disclosed at Fair Value
Because our loans held for investment, loans held for sale and fixed-rate debt are not measured at fair value, we are required to disclose their fair value in accordance with ASC 825. Due to the lack of transparency and comparable loans, we utilize an income valuation technique to estimate fair value. We utilize industry-standard modeling, such as discounted cash flow models, to arrive at an estimate of fair value and may utilize third-party service providers to assist in the valuation process. This determination requires significant judgments to be made. The following tables summarize the carrying value and fair value of our loans held for investment, loans held for sale and fixed-rate debt (in thousands):

June 30, 2017
Description $\begin{array}{llll}\text { Carrying } & \text { Fair } & \text { Level } \\ \text { Value } & \text { Value } & \text { Level } 3\end{array}$
Assets:
Loans held for investment $\$ 865,255$ \$947,756 \$ $\quad \$ \quad \$ 947,756$
Total assets $\quad \$ 865,255 \$ 947,756 \$ \quad \$ \quad \$ 947,756$
Description
Liabilities:
Fixed-rate debt $\quad \$ 276,346$ \$265,854 \$ \$ $\$ 265,854$
Total fixed-rate debt $\quad \$ 276,346$ \$265,854 \$ $\quad \$ \quad \$ 265,854$

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$\begin{array}{llll}\text { Description } & \text { Carrying } & \text { Fair } & \text { Level } \\ & \text { Value } & \text { Value } & 1\end{array}$
Assets:
Loans held for investment $\$ 890,283$ \$979,780 \$ $\quad \$ \quad \$ 979,780$
Loans held for sale $373 \quad 394$ - 394
Total assets $\$ 890,656$ \$980,174 \$ $\quad \$ \quad \$ 980,174$

## Description

Liabilities:
Fixed-rate debt $\quad \$ 280,886$ \$275,200 \$ $\quad \$ \quad \$ 275,200$
Total fixed-rate debt $\$ 280,886$ \$275,200 \$ $\$ \quad \$ 275,200$
The following techniques and assumptions are used in estimating fair value:
Loans held for investment and loans held for sale - Fair value is based on discounted cash flow models which contain certain unobservable inputs such as discount rate, renewal rate and default rate.
Fixed-rate debt - Our ODAST II Agreement and certain other agreements are considered fixed-rate debt. Fair value of our fixed-rate debt is based on a discounted cash flow model with an unobservable input of discount rate. For our variable rate debt, carrying value approximates fair value.

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7. Noncontrolling Interest

The following tables summarize changes in equity, including the equity attributable to noncontrolling interests, for the six months ended June 30, 2017 and June 30, 2016 (in thousands):

| Six Months Ended June 30, 2017 |  |  |  |
| :---: | :---: | :---: | :---: |
| On Deck |  |  |  |
| Capital, |  |  |  |
| Inc.'s stockhold equity | ders |  | Total |
| \$259,525 | \$ 4,072 |  | \$263,597 |
| (12,556 | ) (1,615 | ) | (14,171 |
| 6,134 | - |  | 6,134 |
| 347 | - |  | 347 |
| 1,618 | - |  | 1,618 |
| 240 | 196 |  | 436 |
| (644 | ) - |  | (644 |
|  | 3,443 |  | 3,443 |
| - | (960 | ) | (960 |
| 254,664 | 5,136 |  | 259,800 |

Comprehensive loss:
Net loss (12,556 ) (1,615 ) (14,171 )
Other comprehensive income (loss):
Foreign currency translation adjustment
Comprehensive income (loss):

| 240 | 196 | 436 |
| :--- | :--- | :--- |
| $\$(12,316)$ | $\$(1,419$ | $)$ |
| $\$(13,735)$ |  |  |

Balance as of January 1, 2016
Net income (loss)
Stock based compensation
Exercise of options and warrants
Employee stock purchase plan
Cumulative translation adjustment
Other
Balance at June 30, 2016
Six Months Ended June 30, 2016
On Deck
$\begin{array}{ll}\text { Capital, } & \begin{array}{l}\text { Noncontrolling } \\ \text { Inc.'s } \\ \text { interest }\end{array}\end{array}$ stockholders ${ }^{\text {interest }}$ equity

| \$322,813 | \$ 6,609 | \$329,422 |
| :---: | :---: | :---: |
| (30,468 | ) $(1,381$ | ) $(31,849$ |
| 7,416 | - | 7,416 |
| - | - | - |
| 2,665 | - | 2,665 |
| 107 | 85 | 192 |
| (117 | ) - | (117 |
| 302,416 | 5,313 | 307,729 |

Comprehensive loss:
Net loss
$(30,468)(1,381)(31,849)$
Other comprehensive income (loss):
$\begin{array}{llll}\text { Foreign currency translation adjustment } & 107 & 85 & 192 \\ \text { Comprehensive income (loss): } & \$(30,361) \$(1,296 & \text { ) }(31,657)\end{array}$

In the third quarter of 2015, we acquired a $67 \%$ interest in an entity with the remaining $33 \%$ owned by an unrelated third party strategic partner for the purpose of providing small business loans to customers of the third party. We consolidate the financial position and results of operations of that entity. On June 29, 2017, OnDeck purchased the loans owned by that entity for an immaterial amount. That entity made a liquidating distribution to us of approximately $\$ 2$ million and to the unrelated third

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party of approximately $\$ 1$ million representing our respective proportionate share of the equity in that entity. The loan sale and distribution effectively ended the operations of that entity. No material gain or loss was recorded.

## 8. Stock-Based Compensation

Options
The following is a summary of option activity for the six months ended June 30, 2017:

Outstanding at January 1, 2017
Granted
Exercised
Forfeited
Expired
Outstanding at June 30, 2017
Exercisable at June 30, 2017
Vested or expected to vest as of June 30, 2017 9,066,131 \$ $5.89 \quad 7.0 \quad \$ 15,271$
Total compensation cost related to nonvested option awards not yet recognized as of June 30, 2017 was $\$ 8.9$ million and will be recognized over a weighted-average period of approximately 2.0 years. The aggregate intrinsic value of employee options exercised during the six months ended June 30,2017 and 2016 was $\$ 3.6$ million and $\$ 1.5$ million, respectively.

## Restricted Stock Units

The following table summarizes our activities of Restricted Stock Units ("RSUs") and Performance Restricted Stock Units ("PRSUs") during the six months ended June 30, 2017:

| Number of | Weighted-Average <br> Grant Date Fair |  |
| :--- | :--- | :--- |
| RSUs | Value |  |
| $3,888,768$ | $\$$ | 8.46 |
| 629,552 | $\$$ | 4.26 |
| $(401,768$ | 8.62 |  |
| $(1,359,360)$ | $\$$ | 8.37 |
| $2,757,192$ | $\$$ | 7.24 |
| $2,522,671$ | $\$$ | 7.30 |

As of June 30, 2017, there was $\$ 15.7$ million of unrecognized compensation cost related to unvested RSUs, which is expected to be recognized over the next 2.5 years.

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Stock-based compensation expense related to stock options, RSUs, PRSUs and Employee Stock Purchase Program are included in the following line items in our accompanying condensed consolidated statements of operations for the three and six months ended June 30, 2017 and 2016 (in thousands):

Three Months Six Months
Ended June 30, Ended June 30,
2017201620172016
Sales and marketing $\quad \$ 521 \quad \$ 941 \quad \$ 1,292$ \$1,829
Technology and analytics $542 \quad 887 \quad 1,325 \quad 1,644$
$\begin{array}{lllll}\text { Processing and servicing } & 157 & 211 & 330 & 554\end{array}$
General and administrative $1,754 \quad 1,871 \quad 3,518 \quad 3,635$
Total \$2,974 \$3,910 \$6,465 \$7,662

## 9. Commitments and Contingencies

## Concentrations of Credit Risk

Financial instruments that potentially subject us to significant concentrations of credit risk consist principally of cash, cash equivalents, restricted cash and loans. We hold cash, cash equivalents and restricted cash in accounts at regulated domestic financial institutions in amounts that exceed or may exceed FDIC insured amounts and at non-U.S. financial institutions where deposited amounts may be uninsured. We believe these institutions to be of acceptable credit quality and we have not experienced any related losses to date.
There is no single customer or group of customers that comprise a significant portion of our loan portfolio.

## Contingencies

From time to time we are subject to legal proceedings and claims in the ordinary course of business. The results of such matters cannot be predicted with certainty. However, we believe that the final outcome of any such current matters will not result in a material adverse effect on our consolidated financial condition, consolidated results of operations or consolidated cash flows.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations
You should read the following discussion and analysis of our financial condition and results of operations together with our condensed consolidated financial statements and the related notes and other financial information included elsewhere in this report. Some of the information contained in this discussion and analysis, including information with respect to our plans and strategy for our business, includes forward-looking statements that involve risks and uncertainties. You should review the "Cautionary Note Regarding Forward-Looking Statements" and Part II - Item 1A. "Risk Factors" sections of this report for a discussion of important factors that could cause actual results to differ materially from the results described in or implied by the forward-looking statements contained in the following discussion and analysis.

## CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This report contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 and other legal authority. These forward-looking statements concern our operations, economic performance, financial condition, goals, beliefs, future growth strategies, objectives, plans and current expectations.
Forward-looking statements appear throughout this report including in Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations. Forward-looking statements can generally be identified by words such as "will," "enables," "expects," "intends," "may," "allows," "plan," "continues," "believes," "anticipates," "estimates" or expressions.
Forward-looking statements are neither historical facts nor assurances of future performance. They are based only on our current beliefs, expectations and assumptions regarding the future of our business, anticipated events and trends,
the economy and other future conditions. As such, they are subject to inherent uncertainties, risks and changes in circumstances that are difficult to predict and in many cases outside our control. Therefore, you should not rely on any of these forward-looking statements. Our expected results may not be achieved, and actual results may differ materially from our expectations.

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Important factors that could cause or contribute to such differences include risks relating to: our ability to attract potential customers to our platform and broaden our distribution capabilities and offerings; the degree to which potential customers apply for loans, are approved and borrow from us; anticipated trends, growth rates, loan originations, volume of loans sold and challenges in our business and in the markets in which we operate; the ability of our customers to repay loans and our ability to accurately assess creditworthiness; our ability to adequately reserve for loan losses; the impact of our decision to tighten credit policies; our liquidity and working capital requirements, including the availability and pricing of new debt facilities, extensions and increases to existing debt facilities, increases in our corporate line of credit, securitizations and OnDeck Marketplace ${ }^{\circledR}$ sales to fund our existing operations and planned growth, including the consequences of having inadequate resources to fund additional loans or draws on lines of credit; our reliance on our third-party service providers and the effect on our business of originating loans without third-party funding sources; the impact of increased utilization of cash or incurred debt to fund originations; the effect on our business of utilizing cash for voluntary loan purchases from third parties; the effect on our business of the current credit environment and increases in interest rate benchmarks; our ability to hire and retain necessary qualified employees, particularly following our workforce reductions announced in February and May 2017; our continuing compliance measures related to our funding advisor channel and their impact; changes in our product distribution channel mix and/or our funding mix; our ability to anticipate market needs and develop new and enhanced offerings to meet those needs; anticipated interest rate increases and origination fees on loans; maintaining and expanding our customer base; the impact of competition in our industry and innovation by our competitors; our anticipated and unanticipated growth and growth strategies, including the possible introduction of new types of loans and possible expansion into new international markets, and our ability to effectively manage that growth; our reputation and possible adverse publicity about us or our industry; the availability and cost of our funding, including challenges faced by the expiration of existing debt facilities; the impact on our business of funding loans from our cash reserves; locating funding sources for new types of loans that are ineligible for funding under our existing credit or securitization facilities and the possibility of reducing originations of these loan types; the effect of potential selective pricing increases; our expected utilization of OnDeck Marketplace and the available OnDeck Marketplace premiums; our failure to anticipate or adapt to future changes in our industry; the lack of customer acceptance or failure of our loans; our ability to offer loans to our small business customers that have terms that are competitive with alternative sources of capital; our ability to issue new loans to existing customers that seek additional capital; the evolution of technology affecting our offerings and our markets; our compliance with applicable local, state and federal and non-U.S. laws, rules and regulations and their application and interpretation, whether existing, modified or new; our ability to adequately protect our intellectual property; the effect of litigation or other disputes to which we are or may be a party; the increased expenses and administrative workload associated with being a public company; failure to maintain an effective system of internal controls necessary to accurately report our financial results and prevent fraud; the estimates and estimate methodologies used in preparing our consolidated financial statements; the future trading prices of our common stock, the impact of securities analysts' reports and shares eligible for future sale on these prices; our ability to prevent or discover security breaks, disruption in service and comparable events that could compromise the personal and confidential information held in our data systems, reduce the attractiveness of our platform or adversely impact our ability to service our loans; and other risks, including those described in Part II Item 1A. "Risk Factors" included elsewhere in this report, Part I - Item 1A. "Risk Factors" in our most recent Annual Report on Form 10-K and other documents that we file with the Securities and Exchange Commission, or SEC, from time to time which are available on the SEC website at www.sec.gov.
Except as required by law, we undertake no duty to update any forward-looking statements. Readers are also urged to carefully review and consider all of the information in this report, as well as the other documents we make available through the SEC's website.

When we use the terms "OnDeck," the "Company," "we," "us" or "our" in this report, we are referring to On Deck Capital, Inc and its consolidated subsidiaries unless the context requires otherwise.

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## Overview

We are a leading online platform for small business lending. We are seeking to make it efficient and convenient for small businesses to access capital. Enabled by our proprietary technology and analytics, we aggregate and analyze thousands of data points from dynamic, disparate data sources to assess the creditworthiness of small businesses rapidly and accurately. Small businesses can apply for a term loan or line of credit on our website in minutes and, using our proprietary OnDeck Score ${ }^{\circledR}$, we can make a funding decision immediately and, if approved, transfer funds as fast as the same day. Qualified customers may carry both a term loan and line of credit simultaneously which we believe provides additional repeat business opportunities, as well as increased value to our customers. We have originated more than $\$ 7$ billion of loans since we made our first loan in 2007.
We generate the majority of our revenue through interest income and fees earned on the term loans we retain. Our term loans, which we offer in principal amounts ranging from $\$ 5,000$ to $\$ 500,000$ and with maturities of 3 to 36 months, feature fixed dollar repayments. Our lines of credit range from $\$ 6,000$ to $\$ 100,000$, and are generally repayable within six months of the date of the most recent draw. We earn interest on the balance outstanding and lines of credit are subject to a monthly fee unless the customer makes a qualifying minimum draw, in which case it may be waived under certain circumstances. The balance of our other revenue primarily comes from our servicing and other fee income, most of which consists of fees we receive for servicing loans owned by third-parties and marketing fees from our issuing bank partner.
We rely on a diversified set of funding sources for the capital we lend to our customers. Our primary source of this capital has historically been debt facilities with various financial institutions. We have also used proceeds from operating cash flow to fund loans in the past and continue to finance a portion of our outstanding loans with these funds. As of June 30, 2017, we had $\$ 726.4$ million of funding debt principal outstanding and $\$ 982.7$ million of total borrowing capacity under such debt facilities, subject to borrowing conditions. During the second quarter of 2017 and 2016, we sold approximately $\$ 9.2$ million and $\$ 79.3$ million, respectively, of loans to OnDeck Marketplace purchasers. Of our total principal outstanding as of June 30, 2017, including our loans held for investment and loans sold to OnDeck Marketplace purchasers which had a balance remaining as of June 30, 2017, 14\% were funded via OnDeck Marketplace purchasers, $52 \%$ were funded via our debt facilities, $27 \%$ were financed via proceeds raised from our securitization transaction and $7 \%$ were funded via our own equity.
We originate loans throughout the United States, Canada and Australia, although, to date, substantially all of our revenue has been generated in the United States. These loans are originated through our direct marketing, including direct mail, social media and other online marketing channels, and also originated through our outbound sales team, referrals from our strategic partners, including banks, payment processors and small business-focused service providers, and through funding advisors who advise small businesses on available funding options.
Key Financial and Operating Metrics
We regularly monitor a number of metrics in order to measure our current performance and project our future performance. These metrics aid us in developing and refining our growth strategies and making strategic decisions.


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| Net Charge-off Rate | 18.5 | $\%$ | 11.0 |  | $\%$ | 16.8 |  | $\%$ |
| :--- | ---: | ---: | :--- | :--- | :--- | :--- | :--- | :--- |
| 11.0 | $\%$ |  |  |  |  |  |  |  |
| Net Interest Margin * | 28.8 | $\%$ | 29.5 | $\%$ | 29.5 | $\%$ | 30.2 | $\%$ |
| Net Interest Margin After Credit Losses (NIMAL) * | 10.6 | $\%$ | 18.8 | $\%$ | 12.8 | $\%$ | 19.3 | $\%$ |
| Adjusted Expense Ratio (AER) * | 14.1 | $\%$ | 16.8 | $\%$ | 14.2 | $\%$ | 17.2 | $\%$ |
| Adjusted Operating Yield (AOY) * | $(3.5$ | $) \%$ | 2.0 | $\%$ | $(1.4$ | $) \%$ | 2.1 | $\%$ |

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* See "Non-GAAP Financial Measures" below for an explanation of this non-GAAP measure and a reconciliation to the nearest GAAP measure.
Originations
Originations represent the total principal amount of the term loans we made during the period, plus the total amount drawn on lines of credit during the period. Many of our repeat term loan customers renew their term loan before their existing term loan is fully repaid. In accordance with industry practice, originations of such repeat term loans are presented as the full renewal loan principal, rather than the net funded amount, which would be the renewal term loan's principal net of the unpaid principal balance on the existing term loan. Loans referred to, and originated by, our issuing bank partner and later purchased by us are included as part of our originations. Unless otherwise specified or the context otherwise requires, the term originations refers to the dollar amount of loans originated and not to the number of loans, which we refer to as units.
Effective Interest Yield
Effective Interest Yield is the rate of return we achieve on loans outstanding during a period. It is calculated as our business day adjusted annualized interest income divided by average loans. Annualization is based on 252 business days per year, which is typical weekdays per year less U.S. Federal Reserve Bank holidays.
Net deferred origination costs in loans held for investment and loans held for sale consist of deferred origination fees and costs. Deferred origination fees include fees paid up front to us by customers when loans are originated and decrease the carrying value of loans, thereby increasing the Effective Interest Yield earned. Deferred origination costs are limited to costs directly attributable to originating loans such as commissions, vendor costs and personnel costs directly related to the time spent by the personnel performing activities related to loan origination and increase the carrying value of loans, thereby decreasing the Effective Interest Yield earned.
Recent pricing trends are discussed under the subheading "Key Factors Affecting Our Performance - Pricing." Marketplace Gain on Sale Rate
Marketplace Gain on Sale Rate equals our gain on sale revenue from loans sold through OnDeck Marketplace divided by the carrying value of loans sold, which includes both unpaid principal balance sold and the remaining carrying value of the net deferred origination costs. A portion of loans regularly sold through OnDeck Marketplace are or may be loans which were initially designated as held for investment upon origination. The portion of such loans sold in a given period may vary materially depending upon market conditions and other circumstances.
Cost of Funds Rate
Cost of Funds Rate is our funding cost, which is the interest expense, fees and amortization of deferred debt issuance costs we incur in connection with our lending activities across all of our debt facilities, divided by average funding debt outstanding. For full years, it is calculated as our funding cost divided by Average Funding Debt Outstanding and for interim periods it is calculated as our annualized funding cost for the period divided by Average Funding Debt Outstanding.


## Provision Rate

Provision Rate equals the provision for loan losses divided by the new originations volume of loans held for investment, net of originations of sales of such loans within the period. Because we reserve for probable credit losses inherent in the portfolio upon origination, this rate is significantly impacted by the expectation of credit losses for the period's originations volume. This rate may also be impacted by changes in loss estimates for loans originated prior to the commencement of the period.
The denominator of the Provision Rate formula includes the new originations volume of loans held for investment, net of originations of sales of such loans within the period. However, the numerator primarily reflects the additional provision required to provide for loan losses on the net funded amount during such period. Therefore, all other things equal, an increased volume of loan rollovers and line of credit repayments and re-borrowings in a period will reduce the Provision Rate.
The Provision Rate is not directly comparable to the net cumulative lifetime charge-off ratio because (i) the Provision Rate reflects estimated losses at the time of origination while the net cumulative lifetime charge-off ratio reflects actual charge-offs, (ii) the Provision Rate includes provisions for losses on both term loans and lines of credit while the net cumulative lifetime charge-off ratio reflects only charge-offs related to term loans and (iii) the Provision Rate
for a period reflects the provision for losses related to all loans held for investment while the net cumulative lifetime charge-off ratio reflects lifetime charge-offs of term loans related to a particular cohort of term loans.

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Reserve Ratio
Reserve Ratio is our allowance for loan losses as of the end of the period divided by the Unpaid Principal Balance as of the end of the period.
15+ Day Delinquency Ratio
15+ Day Delinquency Ratio equals the aggregate Unpaid Principal Balance for our loans that are 15 or more calendar days past due as of the end of the period as a percentage of the Unpaid Principal Balance. The Unpaid Principal Balance for our loans that are 15 or more calendar days past due includes loans that are paying and non-paying. Because our loans require weekly or daily repayments, excluding weekends and holidays, they may be deemed delinquent more quickly than loans from traditional lenders that require only monthly payments. As of June 30, 2017, a majority of our loans required weekly repayments.
15+ Day Delinquency Ratio is not annualized, but reflects balances as of the end of the period. Net Charge-off Rate
Net Charge-off Rate is calculated as our annualized net charge-offs for the period divided by the average Unpaid Principal Balance outstanding. Annualization is based on four quarters per year and is not business day adjusted. Net charge-offs are charged-off loans in the period, net of recoveries.
Net Interest Margin
Net Interest Margin is calculated as business day adjusted annualized Net Interest Income divided by average Interest Earning Assets. Interest Earning Assets represents the sum of Unpaid Principal Balance plus the amount of principal outstanding of loans held for sale at the end of the period. It excludes net deferred origination costs, allowance for loan losses and any loans sold or held for sale at the end of the period. Average Interest Earnings Assets is calculated as the average of Interest Earnings Assets at the beginning of the period and the end of each month in the period. Net Interest Income represents interest income less funding cost during the period. Interest income is net of fees on loans held for investment and held for sale. Net deferred origination costs in loans held for investment and loans held for sale consist of deferred origination costs as offset by corresponding deferred origination fees. Deferred origination fees include fees paid up front to us by customers when loans are originated. Deferred origination costs are limited to costs directly attributable to originating loans such as commissions, vendor costs and personnel costs directly related to the time spent by the personnel performing activities related to loan origination. Funding cost is the interest expense, fees, and amortization of deferred debt issuance costs we incur in connection with our lending activities across all of our debt facilities. Annualization is based on 252 business days per year, which is typical weekdays per year less U.S. Federal Reserve Bank holidays.
Net Interest Margin After Credit Losses (NIMAL)
Net Interest Margin After Credit Losses (NIMAL), is calculated as our business day adjusted annualized Net Interest Income After Credit Losses divided by average Interest Earning Assets. Net Interest Income After Credit Losses represents interest income less funding cost and net charge-offs during the period. Interest income is net of deferred costs and fees on loans held for investment and held for sale. Net deferred origination costs in loans held for investment and loans held for sale consist of deferred origination costs as offset by corresponding deferred origination fees. Deferred origination fees include fees paid up front to us by customers when loans are originated. Deferred origination costs are limited to costs directly attributable to originating loans such as commissions, vendor costs and personnel costs directly related to the time spent by the personnel performing activities related to loan origination. Funding cost is the interest expense, fees, and amortization of deferred debt issuance costs we incur in connection with our lending activities across all of our debt facilities. Net charge-offs are charged-off loans in the period, net of recoveries. Annualization is based on 252 business days per year, which is typical weekdays per year less U.S. Federal Reserve Bank holidays.
Adjusted Expense Ratio (AER)
Adjusted Expense Ratio (AER) represents our annualized operating expense, adjusted to exclude the impact of stock-based compensation, divided by average Loans Under Management. Loans Under Management represents the Unpaid Principal Balance plus the unpaid principal balance of loans held for sale, excluding net deferred origination costs, plus the amount of principal outstanding of term loans we serviced for others at the end of the period. Average Loans Under Management is calculated as the average of Loans Under Management at the beginning of the period and
the end of each month in the period. Annualization is based on 252 business days per year, which is typical weekdays per year less U.S. Federal Reserve Bank holidays.
Adjusted Operating Yield (AOY)
Adjusted Operating Yield (AOY) represents our Net Interest Margin After Credit Losses (NIMAL) less the Adjusted Expense Ratio (AER).

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On Deck Capital, Inc. and Subsidiaries
Consolidated Average Balance Sheets
(in thousands, except share and per share data)

|  | Three Mont <br> 30, <br> 2017 | ths Ended Jun | $\begin{aligned} & \text { Six Months } \\ & 30, \\ & 2017 \end{aligned}$ | Ended June $2016$ |
| :---: | :---: | :---: | :---: | :---: |
| Assets |  |  |  |  |
| Cash and cash equivalents | \$61,104 | \$82,728 | \$60,824 | \$98,863 |
| Restricted cash | 68,530 | 35,193 | 58,956 | 34,678 |
| Loans held for investment | 1,003,103 | 746,683 | 1,020,727 | 685,433 |
| Less: Allowance for loan losses | (110,542 | ) $(68,589$ | ) $(112,355$ | ) $(62,447$ |
| Loans held for investment, net | 892,561 | 678,094 | 908,372 | 622,986 |
| Loans held for sale | 561 | 7,925 | 660 | 10,708 |
| Property, equipment and software, net | 27,776 | 30,569 | 28,298 | 29,353 |
| Other assets | 18,030 | 21,505 | 18,940 | 22,012 |
| Total assets | \$1,068,562 | \$856,014 | \$ 1,076,050 | \$818,600 |
| Liabilities and equity |  |  |  |  |
| Liabilities: |  |  |  |  |
| Accounts payable | \$3,412 | \$4,800 | \$3,862 | \$4,653 |
| Interest payable | 2,461 | 1,024 | 2,347 | 925 |
| Funding debt | 747,009 | 501,438 | 750,761 | 459,610 |
| Corporate debt | 24,723 | 2,698 | 26,114 | 2,697 |
| Accrued expenses and other liabilities | 31,347 | 32,242 | 34,336 | 32,209 |
| Total liabilities | 808,952 | 542,202 | 817,420 | 500,094 |
| Total On Deck Capital, Inc. stockholders' equity | 253,260 | 308,074 | 253,271 | 312,513 |
| Noncontrolling interest | 6,350 | 5,738 | 5,359 | 5,993 |
| Total equity | 259,610 | 313,812 | 258,630 | 318,506 |
| Total liabilities and equity | \$1,068,562 | \$856,014 | \$ 1,076,050 | \$818,600 |
| Memo: |  |  |  |  |
| Unpaid Principal Balance | \$984,812 | \$733,526 | \$ 1,001,231 | \$673,519 |
| Interest Earning Assets | \$985,370 | \$741,226 | \$ 1,001,887 | \$683,907 |
| Loans | \$1,003,664 | \$754,608 | \$ 1,021,387 | \$696,141 |
| Loans Under Management | \$1,161,590 | \$1,020,752 | \$1,192,488 | \$980,076 |

Average Balance Sheet Items for the period represent the average as of the beginning of the month in the period and as of the end of each month in the period.
Non-GAAP Financial Measures
We believe that the non-GAAP metrics in this report can provide useful supplemental measures for period-to-period comparisons of our core business and useful supplemental information to investors and others in understanding and evaluating our operating results. However, non-GAAP metrics are not calculated in accordance with GAAP, and should not be considered an alternative to any measures of financial performance calculated and presented in accordance with GAAP. Other companies may calculate these non-GAAP metrics differently than we do. The reconciliations below reconcile each of our non-GAAP metrics to their most comparable respective GAAP metric.
Adjusted EBITDA
Adjusted EBITDA represents our net income (loss), adjusted to exclude interest expense associated with debt used for corporate purposes (rather than funding costs associated with lending activities), income tax expense, depreciation and amortization,

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stock-based compensation expense and warrant liability fair value adjustments. Stock-based compensation includes employee compensation as well as compensation to third-party service providers.
Our use of Adjusted EBITDA has limitations as an analytical tool, and you should not consider it in isolation or as a substitute for analysis of our results as reported under GAAP. Some of these limitations are:
although depreciation and amortization are non-cash charges, the assets being depreciated and amortized may have to be replaced in the future, and Adjusted EBITDA does not reflect cash capital expenditure requirements for such replacements or for new capital expenditure requirements;
Adjusted EBITDA does not reflect changes in, or cash requirements for, our working capital needs;
Adjusted EBITDA does not reflect the potentially dilutive impact of equity-based compensation;
Adjusted EBITDA does not reflect interest associated with debt used for corporate purposes or tax payments that may represent a reduction in cash available to us;
Mdjusted EBITDA does not reflect the potential costs we would incur if certain of our warrants were settled in cash. The following table presents a reconciliation of net loss to Adjusted EBITDA for each of the periods indicated:

|  | Three Months <br> Ended June 30, <br> 2017$\quad$Six Months Ended <br> (in thousands) | June 30, <br> 2017 <br> (in thousands) |
| :--- | :--- | :--- | :--- | :--- |
| Reconciliation of Net Income (Loss) to Adjusted EBITDA |  |  |

Adjusted Net (Loss) Income
Adjusted Net (Loss) Income represents our net loss adjusted to exclude stock-based compensation expense and warrant liability fair value adjustment, each on the same basis and with the same limitations as described above for Adjusted EBITDA.
The following table presents a reconciliation of net loss to Adjusted Net (Loss) Income for each of the periods indicated:

|  | Three Months Ended June 30, 20172016 (in thousands) |  | Six Months Ended June 30, 20172016 (in thousands) |  |
| :---: | :---: | :---: | :---: | :---: |
| Reconciliation of Net Income (Loss) to Adjusted Net (Loss) Income |  |  |  |  |
| Net loss | \$ 2,569 ) | \$ 18,708 ) | \$(14,171) | \$ $(31,849)$ |
| Adjustments: |  |  |  |  |
| Net loss attributable to noncontrolling interest | 1,071 | 813 | 1,615 | 1,381 |
| Stock-based compensation expense | 2,974 | 3,910 | 6,465 | 7,662 |
| Adjusted Net (Loss) Income | \$1,476 | \$ $(13,985)$ | \$ 6,091 | \$ $(22,806)$ |

## Net Interest Margin

Net Interest Margin, is calculated as business day adjusted annualized Net Interest Income divided by average Interest Earning Assets. Net Interest Income represents interest income less funding cost during the period. Interest income is net of fees

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on loans held for investment and held for sale. Net deferred origination costs in loans held for investment and loans held for sale consist of deferred origination costs as offset by corresponding deferred origination fees. Deferred origination fees include fees paid up front to us by customers when loans are originated. Deferred origination costs are limited to costs directly attributable to originating loans such as commissions, vendor costs and personnel costs directly related to the time spent by the personnel performing activities related to loan origination. Funding cost is the interest expense, fees, and amortization of deferred debt issuance costs we incur in connection with our lending activities across all of our debt facilities. Annualization is based on 252 business days per year, which is typical weekdays per year less U.S. Federal Reserve Bank holidays.

Our use of Net Interest Margin has limitations as an analytical tool, and you should not consider it in isolation or as a substitute for analysis of our results as reported under GAAP. Some of these limitations are:

Net Interest Margin is the rate of net return we achieve on our Average Interest Earning Assets outstanding during a period. It does not reflect the return from loans sold through OnDeck Marketplace, specifically our gain on sale revenue. Similarly, Average Interest Earning Assets does not include the unpaid principal balance of loans sold through OnDeck Marketplace. Further, Net Interest Margin does not include servicing revenue related to loans previously sold, fair value adjustments to servicing rights, monthly fees charged to customers for our line of credit, and marketing fees earned from our issuing bank partners, which are recognized as the related services are provided.

Funding cost does not reflect interest associated with debt used for corporate purposes.
The following table presents a reconciliation of interest income to Net Interest Margin for each of the periods indicated:

| Three Months Ended June 30 , |  | Six Months Ended June |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 30, |  |  |
| 2017 | 2016 | 2017 |  | 2016 |
| (in thousands) |  | (in thousands) |  |  |
| \$83,721 | \$63,886 | \$170,832 |  | \$117,365 |
| (11,616 ) | (8,374 ) | (22,893 | ) | (14,096 |
| 72,105 | 55,512 | 147,939 |  | 103,269 |
| 64 | 64 | 126 |  | 126 |
| 1,127 | 867 | 1,174 |  | 820 |
| 252 | 252 | 252 |  | 252 |
| 284,004 | 218,484 | 295,848 |  | 206,640 |
| \$985,370 | \$741,226 | \$1,001,887 |  | \$683,907 |
| 28.8 \% | 29.5 | 29.5 |  | 30.2 |

Net Interest Margin After Credit Losses (NIMAL)
Net Interest Margin After Credit Losses (NIMAL) is calculated as our business day adjusted annualized Net Interest Income After Credit Losses divided by average Interest Earning Assets. Net Interest Income After Credit Losses represents interest income less funding cost and net charge-offs during the period. Interest income is net of deferred costs and fees on loans held for investment and held for sale. Net deferred origination costs in loans held for investment and loans held for sale consist of deferred origination costs as offset by corresponding deferred origination fees. Deferred origination fees include fees paid up front to us by customers when loans are originated. Deferred origination costs are limited to costs directly attributable to originating loans such as commissions, vendor costs and personnel costs directly related to the time spent by the personnel performing activities related to loan origination. Funding cost is the interest expense, fees, and amortization of deferred debt issuance costs we incur in connection with our lending activities across all of our debt facilities. Net charge-offs are charged-off loans in the period, net of recoveries. Annualization is based on 252 business days per year, which is typical weekdays per year less U.S. Federal

Reserve Bank holidays.
Our use of Net Interest Margin After Credit Losses has limitations as an analytical tool, and you should not consider it in isolation or as a substitute for analysis of our results as reported under GAAP. Some of these limitations are:

Net Interest Margin After Credit Losses is the rate of net return we achieve on our Average Interest Earning Assets outstanding during a period. It does not reflect the return from loans sold through OnDeck Marketplace, specifically our gain on sale revenue. Similarly, Average Interest Earning Assets does not include the unpaid principal balance of loans

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sold through OnDeck Marketplace. Further, Net Interest Margin After Credit Losses does not include servicing revenue related to loans previously sold, fair value adjustments to servicing rights, monthly fees charged to customers for our line of credit, and marketing fees earned from our issuing bank partners, which are recognized as the related services are provided.

Net Interest Margin After Credit Losses reflects net charge-offs in the period rather than provision for loan losses. To the extent that originations grow significantly, our charge-offs will likely be lower than the probable credit losses inherent in the portfolio upon origination. Furthermore, provision for loan losses consists of amounts charged to ancome during the period to maintain our ALLL. In addition to net charge-offs, our ALLL represents our estimate of the expected credit losses inherent in our portfolio of term loans and lines of credit and is based on a variety of factors, including the composition and quality of the portfolio, loan specific information gathered through our collection efforts, delinquency levels, our historical loss experience and general economic conditions.

Funding cost does not reflect interest associated with debt used for corporate purposes.
The following table presents a reconciliation of interest income to Net Interest Margin After Credit Losses for each of the periods indicated:

| Three Months Ended | Six Months Ended June |
| :--- | :--- |
| June 30, | 30, |
| $2017 \quad 2016$ | 2017 |
| (in thousands) | (in thousands) |

Reconciliation of Interest Income to Net Interest Margin After Credit Losses (NIMAL)
Interest income
Less: funding costs
Net interest income
Less: net charge-offs
Net interest income after credit losses
Divided by: business days in period
Net interest income after credit losses per business day
$\left.\begin{array}{lllll}\$ 83,721 & \$ 63,886 & \$ 170,832 & \$ 117,365 \\ (11,616 & ) & (8,374 & ) & (22,893\end{array}\right)\left(\begin{array}{ll}(14,096\end{array}\right)$
$\begin{array}{lllll}\text { Multiplied by: average business days per year } & 252 & 252 & 252 & 252\end{array}$
$\begin{array}{lllll}\text { Annualized net interest income after credit losses } & 104,328 & 139,356 & 128,268 & 132,300\end{array}$
Divided by: average Interest Earning Assets $\quad \$ 985,370 \quad \$ 741,226 \quad \$ 1,001,887 \quad \$ 683,907$
$\begin{array}{lllllll}\text { Net Interest Margin After Credit Losses (NIMAL) } & 10.6 & \% & 18.8 & \% & 12.8 & \% \\ 19.3 & \%\end{array}$
Adjusted Expense Ratio (AER)
Adjusted Expense Ratio (AER) represents our annualized operating expense, adjusted to exclude the impact of stock-based compensation, divided by average Loans Under Management. Annualization is based on 252 business days per year, which is typical weekdays per year less U.S. Federal Reserve Bank holidays.

Our use of Adjusted Expense Ratio has limitations as an analytical tool, and you should not consider it in isolation or as a substitute for analysis of our results as reported under GAAP. Some of these limitations are:

Adjusted Expense Ratio does not reflect the potentially dilutive impact of equity-based compensation.
Adjusted Expense Ratio is based on the unpaid principal balance of loans outstanding, regardless of funding source, and does not take into account the revenue earned in the period and may not correspond with the timing of the expenses incurred to originate new loans.

The following table presents a reconciliation of operating expense to Adjusted Expense Ratio for each of the periods indicated:

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Reconciliation of Operating Expense to Adjusted Expense Ratio (AER)
Operating expense
Less: stock based compensation
Operating expense (Ex. SBC)
Divided by: business days in period
Operating expense (Ex. SBC) per business day
Multiplied by: average business days per year
Operating expense (Ex. SBC)
Divided by: average Loans Under Management
Adjusted Expense Ratio (AER)
Adjusted Operating Yield (AOY)
Adjusted Operating Yield (AOY) represents our Net Interest Margin After Credit Losses (NIMAL) less the Adjusted Expense Ratio (AER).

Our use of Adjusted Operating Yield has limitations as an analytical tool, and you should not consider it in isolation or as a substitute for analysis of our results as reported under GAAP. Some of these limitations are:

Net Interest Margin After Credit Losses uses Average Interest Earning Assets in the denominator of the calculation whereas Adjusted Expense Ratio uses Average Loans Under Management in the denominator. Subtracting one metric from the other is purely illustrative and does not reflect the operating performance of the business.

Using Adjusted Operating Yield as a measure to compare Net Interest Margin After Credit Losses to Adjusted Expense Ratio assumes that loans sold through the OnDeck Marketplace are of similar origination, performance characteristics and return as loans held for investment and held for sale, which are funded on-balance sheet through our asset-backed revolving facilities, asset-backed securitization facilities, and internal equity.

Using Net Interest Margin After Credit Losses as a measure to compare against Adjusted Expense Ratio assumes that the rate of return of loans funded through the OnDeck Marketplace is similar to that of our loans held for investment or held for sale. Should our OnDeck Marketplace Gain on Sale Rates materially differ, both positively or negatively, this may limit the utility of comparing Net Interest Margin After Credit Losses to Adjusted Expense Ratio as a means of measuring the operations of the business.

The following table presents a reconciliation of Net Interest Margin After Credit Losses to Adjusted Operating Yield for each of the periods indicated.

> Three Months Ended June 30, Ended June 30, Endhs $2017 \quad 2016 \quad 2017 \quad 2016$

Adjusted Operating Yield (AOY) Reconciliation and Calculation Net Interest Margin After Credit Losses (NIMAL)
10.6 \% $18.8 \% 12.8$ \% $19.3 \%$

Less: Adjusted Expense Ratio (AER)
$14.1 \% 16.8 \% 14.2 \% 17.2 \%$
Adjusted Operating Yield (AOY)
$(3.5) \% 2.0 \%(1.4) \% 2.1 \%$

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## Key Factors Affecting Our Performance

## Investment in Long-Term Growth

The core elements of our long-term growth strategy include expanding our offerings, acquiring new customers, broadening our distribution capabilities, enhancing our data and analytics capabilities, and extending customer lifetime value. We plan to continue investing resources to accomplish these goals. In addition, we have been retaining more and selling fewer charged off loans, with the goal of achieving higher recoveries. These investments are intended to contribute to our long-term growth, but they may affect our near-term operating performance.

## Originations

Historically, our growth in originations has been driven by the addition of new customers, increasing business from existing and previous customers, and increasing average loan size. In addition, we continue to grow our line of credit originations, which made up $22.0 \%$ and $14.2 \%$ of total dollar originations during the second quarter of 2017 and 2016, respectively.
For the three months ended June 30, 2017, total originations were $\$ 464.4$ million as compared to $\$ 573.0$ million and $\$ 631.9$ million for the three months ended March 31, 2017 and December 31, 2016, respectively. Total originations for the three months ended June 30, 2016 were $\$ 589.7$ million. The decrease in originations during the three months ended June 30, 2017 as compared to the two preceding quarters was largely due to the tightening of our credit policies used to determine eligibility, pricing and loan size for certain customers which resulted in us offering smaller loans or declining to extend credit to certain customers. We decided to tighten our credit policies in order to better control credit risk, reduce our loss rates and increase our margins with the understanding that the tightening would reduce originations. The changes to our credit policies began to take effect during the latter half of the first quarter of 2017 resulting in the second quarter of 2017 being more impacted by the credit tightening than the first quarter. We expect our originations to decrease in absolute dollars for the full year 2017 compared to the full year of 2016.
The number of weekends and holidays in a period can impact our business. Many small businesses tend to apply for loans on weekdays, and their businesses may be closed at least part of a weekend and on holidays. In addition, our loan fundings and automated customer loan repayments only occur on weekdays (excluding bank holidays). We anticipate that our future originations will continue to depend in part on attracting new customers. As we continue to aggregate data on customers and prospective customers, we seek to use that data and our increasing knowledge to optimize our marketing spending to attract these customers as well as to continue to focus our analytics resources on better identifying potential customers. We have historically relied on all three of our channels for customer acquisition but remain focused on our direct and strategic partner channels. Collective originations through our direct and strategic partner channels made up $76 \%$ and $74 \%$ of total originations from all customers during the second quarter of 2017 and 2016, respectively. We plan to continue investing in direct marketing, sales, brand awareness and growing our strategic partnerships.

The following tables summarize the percentage of loans made to all customers originated by our three distribution channels for the periods indicated. From time to time, management is required to make judgments to determine customers' appropriate channel attribution.

| Three Months <br> Ended June | Six Months Ended |  |  |
| :--- | :--- | :--- | :--- |
| 30, |  | June 30, |  |
| 2017 | 2016 | 2017 | 2016 |
| $78.9 \%$ | $81.1 \%$ | $78.0 \%$ | $0.80580 .5 \%$ |
| $21.1 \%$ | $18.9 \%$ | $22.0 \%$ | $19.5 \%$ |

$$
\begin{array}{ll}
\text { Three Months } & \text { Six Months } \\
\text { Ended June } & \text { Ended June } \\
\text { 30, } & 30,
\end{array}
$$

Percentage of Originations (Dollars) $2017 \quad 2016 \quad 2017 \quad 2016$
Direct and Strategic Partner $\quad 75.7 \% ~ 73.7 \% ~ 73.4 \% ~ 73.1 \%$
Funding Advisor
$24.3 \% 26.3 \% 26.6 \% 26.9 \%$
We originate term loans and lines of credit to customers who are new to OnDeck as well as to repeat customers. New originations are defined as new term loan originations plus all line of credit draws in the period, including subsequent draws on existing lines of credit. Renewal originations include term loans only. We believe our ability to increase adoption of our loans within our existing customer base will be important to our future growth. A component of our future growth will include increasing

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the length of our customer life cycle by expanding our offerings. During the second quarter of 2017, originations from our repeat customers were generally comparable to our historical levels of approximately $50 \%$. We believe our significant number of repeat customers is primarily due to our high levels of customer service and continued improvement in our types of loans and services. Repeat customers generally show improvements in several key metrics. From our 2014 customer cohort, customers who took at least three loans grew their revenue and bank balance, respectively, on average by $31 \%$ and $59 \%$ from their initial loan to their third loan. Similarly, from our 2015 customer cohort, customers who took at least three loans grew their revenue and bank balance, respectively, on average by $31 \%$ and $44 \%$. Historically, the net funded amount of loans to repeat customers ranges from approximately $60 \%$ to $70 \%$ of the total origination volume to repeat customers. In order for a current customer to qualify for a new term loan while a term loan payment obligation remains outstanding, the customer must pass the following standards:
the business must be approximately $50 \%$ paid down on its existing loan;
the business must be current on its outstanding OnDeck loan with no material delinquency history; and the business must be fully re-underwritten and determined to be of adequate credit quality.
The extent to which we generate repeat business from our customers will be an important factor in our continued revenue growth and our visibility into future revenue. In conjunction with repeat borrowing activity, our customers also tend to increase their subsequent loan size compared to their initial loan size.

## Credit Performance

Credit performance refers to how a portfolio of loans performs relative to expectations. Generally speaking, a loan with perfect credit performance is repaid in full and in accordance with the terms of the agreement, meaning that all amounts due were repaid in full and on time. However, no portfolio is without risk and a certain amount of losses are expected. In this respect, credit performance must be assessed relative to pricing and expectations. Because a certain degree of losses are expected, pricing will be determined with the goal of allowing for estimated losses while still generating the desired rate of return after taking into account those estimated losses. When a portfolio has higher than estimated losses, the desired rate of return may not be achieved and that portfolio would be considered to have underperformed. Conversely, if the portfolio incurred lower than estimated losses, resulting in a higher than expected rate of return, the portfolio would be considered to have overperformed.
When we originate our loans, we record a provision for estimated loan losses. As we gather more data as the portfolio performs, we may increase or decrease that reserve as deemed necessary to reflect our latest loss estimate. Some portions of our loan portfolio may be performing better than expected while other portions may perform below expectations. The net result of the underperforming and overperforming portfolio segments determines if we require an overall increase or decrease to our loan reserve related to those existing loans. A net decrease to the loan reserve related to the existing loans tends to reduce provision expense, while a net increase to the loan reserve tends to increase provision expense.
As noted in our Annual Report on Form 10-K for the year ended December 31, 2016, in the fourth quarter of 2016, we recorded provision for loan loss expense of $\$ 55.7$ million which included approximately $\$ 19$ million of additional expense required to build our reserve based on our latest estimate at that time of losses for loans with original maturities of 15 months or longer. As a result, our provision rate for the three months ended December 31, 2016 was $10.2 \%$. In response to those new estimates and an analysis of the causes, we began tightening our credit policies during the latter half of the first quarter of 2017. As a result of the credit tightening policies being in effect for only a portion of the first quarter, the first quarter of 2017 Provision Rate remained elevated at $8.7 \%$. The provision rate for the second quarter of 2017 was $7.2 \%$ which reflected a full quarter of the impact of our credit tightening policies. We expect our Provision Rate for the remainder of 2017, taken as a whole, to be approximately $7 \%$.
We believe that we have improved and will continue to improve our credit model to better measure the risk associated with longer term loans because we have been able to acquire and analyze additional data and will continue doing so in the future. We further believe that these improvements will ultimately benefit our underwriting decisions, pricing and credit performance with respect to these loans.
Pricing

Customer pricing is determined primarily based on the customer's OnDeck Score, loan type (term loan or line of credit), the term loan duration, the customer type (new or repeat) and origination channel. Loans originated through the direct and strategic partner channels are generally priced lower than loans originated through the funding advisor channel due to the lower historical loss rates within the direct and strategic partner channels as well as the higher commissions paid to funding advisors.

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We provide our customers with multiple pricing metrics, in addition to annual percentage rate, or APR, to assess the cost of a term loan or line of credit. Given the use case and payback period associated with our shorter term loans, we believe many of our customers prefer to understand pricing on a "dollars in, dollars out" basis and are primarily focused on total payback cost. While annualized rates like APR may help a borrower understand and compare longer term loans, an annualized rate like APR may be less useful for loans of 12 months or less because APR is sensitive to duration and small differences in term can yield large changes in associated APR.

We quote our customers the "Cents on Dollar" borrowed, or COD, which reflects the total interest to be paid by a customer to us for each dollar of principal borrowed, and does not include the loan origination fee. Our customers generally pay between $\$ 0.003$ and $\$ 0.04$ per month in interest for every dollar they borrow under one of our term loans. We also quote our customers the APR of a term loan or line of credit. As of June 30, 2017, the APR of our term loans outstanding ranged from $9.3 \%$ to $99.7 \%$ and the APRs of our lines of credit outstanding ranged from $13.0 \%$ to $48.4 \%$. Because many of our loans are short-term in nature and APR is calculated on an annualized basis, we believe that our small business customers tend to understand and evaluate our term loans primarily on the basis of Cents on Dollar, or similar cost measures that provide total interest expense, rather than APR.

We continue to explore ways to increase standardization of pricing and comparison terms in our industry in order to help small business customers assess their credit options. During the fourth quarter of 2016, we adopted the SMART Box ${ }^{\mathrm{TM}}$ - which stands for "Straightforward Metrics Around Rate and Total cost," a model pricing disclosure and comparison tool introduced by the Innovative Lending Platform Association, or ILPA, of which we are a founding member. The SMART Box presents prospective customers with several standardized pricing metrics to evaluate the cost of the term loan or line of credit, including the total cost of capital, APR, the average monthly payback amount, and the COD cost. These pricing metrics give a borrower important information to understand and compare loans, and make an educated decision. We are providing APR data in this report as supplemental information for comparative purposes. APR is one of several metrics we use to measure performance. The interest on commercial business loans is also, generally, tax deductible as permitted by law compared to typical personal loans, which do not provide a tax deduction. APR does not give effect to the small business customer's possible tax deductions and cash savings associated with business related interest expenses.

We believe that our product pricing has historically fallen between traditional bank loans to small businesses and certain non-bank small business financing alternatives such as merchant cash advances. The weighted average pricing on our originations has generally declined over time as measured by both average COD borrowed per month and APR as shown in the table below.

|  | $\begin{aligned} & \text { Q2 } \\ & 2017 \end{aligned}$ | $\begin{aligned} & \text { Q1 } \\ & 2017 \end{aligned}$ | $\begin{aligned} & \text { Q4 } \\ & 2016 \end{aligned}$ | $\begin{aligned} & \text { Q3 } \\ & 2016 \end{aligned}$ | $\begin{aligned} & \text { Q2 } \\ & 2016 \end{aligned}$ | $\begin{aligned} & \text { Q1 } \\ & 2016 \end{aligned}$ | 2015 | 2014 | 2013 | 2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weighted Average Term Loan "Cents on Dollar" Borrowed, per Month | 1.94¢ | 1.95¢ | 1.89¢ | 1.85¢ | $1.75 ¢$ | 1.78¢ | 1.95¢ | 2.32¢ | 2.65¢ | 2.87 ¢ |
| Weighted Average APR - Term Loans and Lines of Credit | 43.2\% | 44.0\% | 42.9\% | 42.1\% | 40.2\% | 40.6\% | 44.5\% | 54.4\% | 63.4 | 69.0\% |
| Weighted Average Term Loan Length at Origination | 11.8 | 12.3 | 12.8 | 13.1 | 13.7 | 13.2 | 12.4 | 11.2 | 10.0 | 9.2 |

We attribute the declining pricing shift from 2012 through the second quarter of 2016 to longer average loan term lengths, increased originations from our lower cost direct and strategic partner channels as a percentage of total originations, the growth of our line of credit product which is priced at a lower APR level than our term loans, the introduction of our customer loyalty program and our continued efforts to pass savings on to customers. During the third quarter of 2016, we implemented selective price increases which began to increase our weighted average COD and weighted average APR. These price increases were more broadly adopted during the fourth quarter of 2016.

During that same period, we reduced and plan to continue to reduce the average term length of loans at origination. While this reduction of term length may not directly affect COD, it does effectively increase APR. Our pricing generally increased in the second quarter of 2017 compared to the previous quarter for loans with the same basic attributes (new or renewal, term loan or LOC) and the same distribution channel (direct, strategic partner or funding advisor). For example, pricing on term loans to new customers in the funding advisor channel increased in the second quarter of 2017 compared to the previous quarter as did pricing on term loan renewals in the direct channel. However, the blended, weighted average APR in the second quarter of 2017 decreased to $43.2 \%$ from $44.0 \%$ in the preceding quarter. This decrease was the result of a shift in the mix of originations to lower priced lines of credit, direct and strategic partner originations and renewal term loans.

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We consider Effective Interest Yield, or EIY, as a key pricing metric. EIY is the rate of return we achieve on loans outstanding during a period. Our EIY differs from APR in that it takes into account deferred origination fees and deferred origination costs. Deferred origination fees include fees paid up front to us by customers when loans are originated and decrease the carrying value of loans, thereby increasing the EIY. Deferred origination costs are limited to costs directly attributable to originating loans such as commissions, vendor costs and personnel costs directly related to the time spent by the personnel performing activities related to loan origination and increase the carrying value of loans, thereby decreasing the Effective Interest Yield.
In addition to individual loan pricing and the number of days in a period, there are many other factors that can affect EIY, including:

Channel Mix - In general, loans originated from the strategic partner channel have lower EIYs than loans from the direct and funding advisor channel. This is primarily due to the lower pricing of loans in the strategic partner channel. The direct and strategic partner channels have, in the aggregate, made up $76 \%$ and $74 \%$ of total originations during the three months ended June 30, 2017, and 2016, respectively. We expect the combined direct and strategic partner channels', as well as the funding advisor channel's, percentage of originations in 2017 to remain generally comparable to 2016 levels.

Term Mix - In general, term loans with longer durations have lower annualized interest rates. Despite lower EIYs, total revenues from customers with longer loan durations are typically higher than the revenue of customers with shorter-term, higher EIY loans because total payback is typically higher compared to a shorter length term for the same principal loan amount. With the introduction of our 24-month and 36 -month term loans, the average length of new term loan originations increased to 13.3 from 11.8 months for the years ended December 31, 2016 and 2015, respectively. For the three months ended June 30, 2017, the average length of new term loan originations decreased to 11.7 months as part of our concerted effort to reduce the term length of our loans at origination to better control risk.

Customer Type Mix - In general, loans originated from repeat customers historically have had lower EIYs than loans from new customers. This is primarily due to the fact that repeat customers typically have a higher OnDeck Score and are therefore deemed to be lower risk. In addition, repeat customers are more likely to be approved for longer terms than new customers given their established payment history and lower risk profiles. Finally, origination fees are generally reduced or waived for repeat customers due to our loyalty program, contributing to lower EIYs.

Product Mix - In general, loans originated by line of credit customers have lower EIYs than loans from term loan customers. This is primarily due to the fact that lines of credit are expected to have longer lifetime usage than term loans, enabling more time to recoup upfront acquisition costs. For the second quarter of 2017, the average line of credit APR was $32.1 \%$, compared to the average term loan APR which was $44.9 \%$. Further, draws by line of credit customers have increased to $22.0 \%$ of total originations in the second quarter of 2017 from $18.0 \%$ the first quarter of 2017.

Competition - During 2015, new lenders entered the online lending market. Subsequent to 2015, we believe the number of new entrants into the market as well as the amount of funding invested in these competitors from private equity or venture capital sources slowed. At the same time, more traditional small business lenders such as banks have entered and may continue to enter the space. As these trends evolve, competitors may attempt to obtain new customers by pricing term loans and lines of credit below prevailing market rates. This could cause downward pricing pressure as these new entrants attempt to win new customers even at the cost of pricing loans below market rates, or even at rates resulting in net losses to them. While we recognize that there has been increased competition in the market of small business loans, we believe only a small portion of our period over period EIY decline is a result of increased competition.

Effective Interest Yield

Q2 2017 Q1 2017 Q4 2016 Q3 2016 Q2 2016 Q1 2016201520142013
$32.8 \% \quad 33.9 \% \quad 33.2 \% \quad 32.8 \% \quad 33.3 \% \quad 34.5 \% \quad 35.4 \% \quad 40.3 \% \quad 43.5 \%$
We expect EIY to stabilize and possibly increase as we continue to manage the pricing of our loans to optimize between risk-adjusted yields and loan origination volume.

Sale of Whole Loans through OnDeck Marketplace
We sell whole loans to institutional investors through OnDeck Marketplace. Marketplace originations are defined as loans that are sold through OnDeck Marketplace in the period or are held for sale at the end of the period. For the three months ended June 30, 2017 and 2016, approximately $2.3 \%$ and $15.6 \%$, respectively, of total term loan originations were designated as OnDeck Marketplace originations, which resulted in loan sales of $\$ 9.2$ million and $\$ 79.3$ million, respectively.

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We have the ability to fund our originations through a variety of funding sources, including OnDeck Marketplace. Due to the flexibility of our diversified funding model, management has the ability to exercise judgment to adjust the percentage of term loans originated through OnDeck Marketplace considering numerous factors including the prices available to us. During the three months ended June 30, 2017, premiums decreased as compared to the three months ended March 31, 2016 due, in part, to market conditions and the loan mix we elected to sell. The lower premiums available during the three months ended June 30, 2017 resulted in a Marketplace Gain on Sale Rate of $2.8 \%$ compared to $3.5 \%$ for the three months ended June 30, 2016. Despite these trends, we elected to make OnDeck Marketplace loan sales during the second quarter of 2017 to provide us an additional source of liquidity and to maintain active relationships with our institutional loan purchasers. If premiums remain steady or decrease further, we may further reduce our percentage of Marketplace originations, or potentially suspend such originations, subject to our overall financing needs.
To the extent our use of OnDeck Marketplace as a funding source increases or decreases in the future, our gross revenue and net revenue could be materially affected. The sale of whole loans generates gain on sales of loans which is recognized in the period the loan is sold. In contrast, holding loans on balance sheet generates interest income and funding costs over the term of the loans and generally generates a provision for loan loss expense in the period of origination. Typically, over the life of a loan, we generate more total revenue and income from loans we hold on our balance sheet to maturity as compared to loans we sell through OnDeck Marketplace.
Our OnDeck Marketplace originations come from one of the following two origination sources:
New loans which are designated at origination to be sold, referred to as "Originations of loans held for sale;" and Loans which were originally designated as held for investment that are subsequently designated to be sold at the time of their renewal and which are considered modified loans, referred to as "Originations of loans held for investment, modified."
The following table summarizes the initial principal of originations of the aforementioned two sources as it relates to the statement of cash flows during the three months ended June 30, 2017 and 2016.

Three
Months Six Months
Ended June Ended June 30,
30 ,
$201720162017 \quad 2016$
8,379 55,329 41,421 167,207
$\begin{array}{lllll}\text { Originations of loans held for sale } & 8,379 & 55,329 & 91,21 & 167,787\end{array}$
Marketplace originations
8,379 78,752 50,625 206,994
Customer Acquisition Costs
Our customer acquisition costs, or CACs, differ depending upon the acquisition channel. CACs in our direct channel include the commissions paid to our internal sales force and expenses associated with items such as direct mail, social media and other online marketing activities. CACs in our strategic partner channel include commissions paid to our internal sales force and strategic partners. CACs in our funding advisor channel include commissions paid to our internal sales force and funding advisors. CACs in all channels include new originations as well as renewals. Our CACs, on both a combined and individual basis for all three acquisition channels and evaluated as a percentage of originations, declined for the three months ended June 30, 2017 as compared to the three months ended June 30, 2016. The decrease was primarily attributable to the increase in renewal loan volume as a percentage of total originations.
Increased competition for customer response could require us to incur higher customer acquisition costs and make it more difficult for us to grow our loan originations in both unit and volume for both new as well as repeat customers. Customer Lifetime Value
The ongoing lifetime value of our customers will be an important component of our future performance. We analyze customer lifetime value not only by tracking the "contribution" of customers over their lifetime with us, but also by comparing this contribution to the acquisition costs incurred in connection with originating such customers' initial loans, whether term loan, lines of credit or both. We define the contribution to include the interest income and fees
collected on a cohort of customers' initial and repeat loans less acquisition costs for their repeat loans, estimated third party processing and servicing expenses for their initial and repeat loans, estimated funding costs (excluding any cost of equity capital) for their initial and repeat loans, and charge-offs of their initial and repeat loans. Relative to the customer lifetime value of the 2014 cohort, against like periods, the 2015 and 2016 cohorts generally exhibit lower return on investment due primarily to the decline in our weighted average pricing.

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In the future, we may incur greater marketing expenses to acquire new customers, we may decide to offer term loans with lower interest rates, our charge-offs may increase and our customers' repeat purchase behavior may change, any of which could adversely impact our customers' lifetime values to us and our operating results.
Historical Charge-Offs
We illustrate below our historical loan losses by providing information regarding our net lifetime charge-off ratios by cohort. Net lifetime charge-offs are the unpaid principal balance charged off less recoveries of loans previously charged off, and a given cohort's net lifetime charge-off ratio equals the cohort's net lifetime charge-offs through June 30, 2017 divided by the cohort's total original loan volume. Repeat loans in the denominator include the full renewal loan principal, rather than the net funded amount, which is the renewal loan's principal net of the unpaid principal balance on the existing loan. Loans are typically charged off after 90 days of nonpayment. Loans originated and charged off between January 1, 2012 and June 30, 2017 were on average charged off near the end of their loan term. The chart immediately below includes all term loan originations, regardless of funding source, including loans sold through our OnDeck Marketplace or held for sale on our balance sheet.
Net Charge-off Ratios by Cohort Through June 30, 2017
2012201320142015 Q1 2016 Q2 2016 Q3 2016 Q4 2016 Q1 2017 Q2 2017
Principal Outstanding as of June 30, $2017 — \% — \%-\% ~ 0.5 \% 3.1 \% \quad 7.5 \% \quad 15.4 \% \quad 33.1 \% \quad 56.9 \% \quad 87.9 \%$

The following chart displays historical lifetime cumulative net charge-off ratios, by origination year. The chart reflects all term loan originations, regardless of funding source, including loans sold through OnDeck Marketplace or held for sale on our balance sheet. The data is shown as a static pool for annual cohorts, illustrating how the cohort has performed given equivalent months of seasoning.
Given that the originations in the second quarter of 2017 cohort are relatively unseasoned as of June 30, 2017, these cohorts reflect low lifetime charge-off ratios in the chart below. Further, given our loans are typically charged off after 90 days of nonpayment, all cohorts reflect approximately $0 \%$ charge offs for the first four months in the chart below.

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Net Cumulative Lifetime Charge-off Ratios
All Loans

Originations $2013 \quad 2014 \quad 2015$ Q1 2016 Q2 2016 Q3 2016 Q4 2016 Q1 2017 Q2 2017
All term loans (in
thousands)
Weighted average term (months) $\$ 455,931$ \$1,100,957\$1,703,617\$495,956\$506,097\$518,509\$531,287\$469,924\$362,219 (1)

## Economic Conditions

Changes in the overall economy may impact our business in several ways, including demand for our loans, credit performance, loan losses and funding costs.

Demand for Our Loans. In a strong economic climate, demand for our loans may increase as consumer spending increases and small businesses seek to expand. In addition, more potential customers may meet our underwriting requirements to qualify for a loan. At the same time, small businesses may experience improved cash flow and liquidity resulting in fewer customers requiring loans to manage their cash flows. In that climate, traditional lenders may also approve loans for a higher percentage of our potential customers. In a weakening economic climate or recession, the opposite may occur.
Credit Performance. In a strong economic climate, our customers may experience improved cash flow and liquidity, which may result in lower loan losses. In a weakening economic climate or recession, the opposite may occur. We factor economic conditions into our loan underwriting analysis and reserves for loan losses, but changes in economic conditions, particularly sudden changes, may affect our actual loan losses. These effects may be partially mitigated by the short-term nature and repayment structure of our loans, which should allow us to react more quickly than if the terms of our loans were longer than our current offerings.

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Loan Losses. Our underwriting process is designed to limit our loan losses to levels compatible with our business strategy and financial model. The aggregate performance of loans originated from 2012 through 2015 was generally consistent with our expectations, while loans originated in 2016 are experiencing higher than expected losses. Through June 30, 2017, the aggregate performance of loans originated in the first half of 2017 is generally consistent with our expectations. Our overall loan losses are affected by a variety of factors, including external factors such as prevailing economic conditions, general small business sentiment and unusual events such as natural disasters, as well as internal factors such as the accuracy of the OnDeck Score, the effectiveness of our underwriting process and the introduction of new types of loans, such as our line of credit, with which we have less experience to draw upon when forecasting their loss rates. Our loan loss rates may vary in the future.
Funding Costs. Changes in macroeconomic conditions may affect generally prevailing interest rates, and such effects may be amplified or reduced by other factors such as fiscal and monetary policies, economic conditions in other markets and other factors. Interest rates may also change for reasons unrelated to economic conditions. To the extent that interest rates rise, our funding costs will increase and the spread between our Effective Interest Yield and our Cost of Funds Rate may narrow to the extent we cannot correspondingly increase the payback rates we charge our customers. We expect our Cost of Funds Rate to gradually move higher during the remainder of 2017 due to, among other things, anticipated Federal Reserve interest rate increases.

## Components of Our Results of Operations

Revenue
Interest Income. We generate revenue primarily through interest and origination fees earned on the term loans and lines of credit we originate. Interest income also includes interest income earned on loans held for sale from the time the loan is originated until it is ultimately sold, as well as other miscellaneous interest income. Our interest and origination fee revenue is amortized over the term of the loan using the effective interest method. Origination fees collected but not yet recognized as revenue are netted with direct origination costs and recorded as a component of loans held for investment or loans held for sale, as appropriate, on our consolidated balance sheets and recognized over the term of the loan. Direct origination costs include costs directly attributable to originating a loan, including commissions, vendor costs and personnel costs directly related to the time spent by those individuals performing activities related to loan origination.
Gain on Sales of Loans. We sell term loans to third-party institutional investors through OnDeck Marketplace. We recognize a gain or loss on the sale of such loans as the difference between the proceeds received, adjusted for initial recognition of servicing assets or liabilities obtained at the date of sale, and the outstanding principal and net deferred origination costs. To the extent that premiums available to us remain consistent with the past several quarters, we expect both the volume and percentage of loans sold in 2017 to be less than the volume and percentage of loans sold in 2016. The Gain on Sale that will result from those sales will be a function of the premiums available in 2017.
Other Revenue. Other revenue includes servicing revenue related to loans serviced for others, fair value adjustments to servicing rights, fees generated by OnDeck-as-a-Service, monthly fees charged to customers for our line of credit, and marketing fees earned from our issuing bank partner, which are recognized as the related services are provided. Cost of Revenue
Provision for Loan Losses. Provision for loan losses consists of amounts charged to income during the period to maintain an allowance for loan losses, or ALLL, estimated to be adequate to provide for probable credit losses inherent in our existing loan portfolio. Our ALLL represents our estimate of the credit losses inherent in our portfolio of term loans and lines of credit and is based on a variety of factors, including the composition and quality of the portfolio, loan specific information gathered through our collection efforts, delinquency levels, our historical charge-off and loss experience and general economic conditions. We expect our aggregate provision for loan losses to decrease in absolute dollars relative to 2016 quarterly levels based on lower anticipated origination volume and driven by tighter credit standards as we endeavor to reduce loss rates. We expect our Provision Rate for the remainder of 2017, taken as a whole, to be approximately $7 \%$.

Funding Costs. Funding costs consist of the interest expense we pay on the debt we incur to fund our lending activities, certain fees and the amortization of deferred debt issuance costs incurred in connection with obtaining this debt, such as banker fees, origination fees and legal fees. Such costs are expensed immediately upon early extinguishment of the related debt. Our Cost of Funds Rate will vary based on a variety of external factors, such as credit market conditions, general interest levels and interest rate spreads, as well OnDeck-specific factors, such as origination volume and credit quality. We expect our funding costs to increase in absolute dollars in 2017 due to the higher outstanding balances of our funding debt facilities which has resulted

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from the expansion and greater utilization of those facilities. We expect our Cost of Funds Rate to increase modestly in future periods due to anticipated Federal Reserve interest rate increases.
Operating Expense
Operating expense consists of sales and marketing, technology and analytics, processing and servicing, and general and administrative expenses. Salaries and personnel-related costs, including benefits, bonuses, stock-based compensation expense and occupancy costs, comprise a significant component of each of these expense categories. We expect our stock-based compensation expense to decrease in 2017 relative to 2016, primarily as a result of our reduced headcount. The number of employees was 492 and 708 at June 30, 2017 and December 31, 2016, respectively. All operating expense categories also include an allocation of overhead, such as rent and other overhead, which is based on employee headcount. In each of February and May 2017, we announced workforce reductions involving both layoffs and actual and scheduled attrition. Statements below referring to our expectations of future levels of expense include the anticipated effect of those workforce reductions.
Sales and Marketing. Sales and marketing expense consists of salaries and personnel-related costs of our sales and marketing and business development employees, as well as direct marketing and advertising costs, online and offline CACs (such as direct mail, paid search and search engine optimization costs), public relations, radio and television advertising, promotional event programs and sponsorships, corporate communications and allocated overhead. We expect our sales and marketing expense for 2017 to be less than 2016 in terms of absolute dollars and to decrease as a percentage of revenue as our sales and marketing activities mature and we continue to optimize marketing spend. Technology and Analytics. Technology and analytics expense consists primarily of the salaries and personnel-related costs of our engineering and product employees as well as our credit and analytics employees who develop our proprietary credit-scoring models. Additional expenses include third-party data acquisition expenses, professional services, consulting costs, expenses related to the development of new types of loans and technologies and maintenance of existing technology assets, amortization of capitalized internal-use software costs related to our technology platform and allocated overhead. We believe continuing to invest in technology is essential to maintaining our competitive position; however, we expect our investment in technology and analytics in 2017 to be less than the amount invested in 2016 in terms of absolute dollars as well as a lower percentage of revenue.
Processing and Servicing. Processing and servicing expense consists primarily of salaries and personnel related costs of our credit analysis, underwriting, funding, fraud detection, customer service and collections employees. Additional expenses include vendor costs associated with third-party credit checks, lien filing fees and other costs to evaluate, close and fund loans and overhead costs. We anticipate our processing and servicing expense in 2017 will be less than 2016 in absolute dollars and to decrease as a percentage of revenue by driving department efficiencies.
General and Administrative. General and administrative expense consists primarily of salary and personnel-related costs for our executive, finance and accounting, legal and people operations employees. Additional expenses include a provision for the unfunded portion of our lines of credit, consulting and professional fees, insurance, legal, travel, gain or loss on foreign exchange and other corporate expenses. These expenses also include costs associated with compliance with the Sarbanes-Oxley Act and other regulations governing public companies, directors' and officers' liability insurance and increased accounting costs. We anticipate that our general and administrative expense in 2017 will be less than 2016 in terms of absolute dollars as well as a percentage of revenue as our finance, accounting, legal and people operations functions mature.
Other (Expense) Income
Interest Expense. Interest expense consists of interest expense and amortization of deferred debt issuance costs incurred on debt associated with our corporate activities. It does not include interest expense incurred on debt associated with our lending activities.
Provision for Income Taxes
Provision for income taxes consists of U.S. federal, state and foreign income taxes, if any. Through December 31, 2016, we have not been required to pay U.S. federal or state income taxes nor any foreign taxes because of our current and accumulated net operating losses. As of December 31, 2016, we had $\$ 69.7$ million of federal net operating loss carryforwards and $\$ 68.9$ million of state net operating loss carryforwards available to reduce future taxable income, unless limited due to historical or future ownership changes. The federal net operating loss carryforwards will begin to
expire at various dates beginning in 2029.
The Internal Revenue Code of 1986, as amended, or the Code, imposes substantial restrictions on the utilization of net operating losses and other tax attributes in the event of an "ownership change" of a corporation. Events which may cause limitation in the amount of the net operating losses and other tax attributes that are able to be utilized in any one year include, but are not limited to, a cumulative ownership change of more than $50 \%$ over a three-year period, which has occurred as a result of historical ownership changes. Accordingly, our ability to use pre-change net operating loss and certain other attributes are limited as

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prescribed under Sections 382 and 383 of the Code. Therefore, if we earn net taxable income in the future, our ability to reduce our federal income tax liability with our existing net operating losses is subject to limitation. Future offerings, as well as other future ownership changes that may be outside our control could potentially result in further limitations on our ability to utilize our net operating loss and tax attributes. Accordingly, achieving profitability may not result in a full release of the valuation allowance.
As of December 31, 2016, a full valuation allowance of $\$ 53.6$ million was recorded against our net deferred tax assets.

## Results of Operations

The following table summarizes our results of operations for the periods presented and as a percentage of our total revenue for those periods. The period-to-period comparison of results is not necessarily indicative of results for future periods.
Comparison of the Three Months Ended June 30, 2017 and 2016
Unless expressly stated otherwise, all comparisons and variance explanations are related to the three months ended June 30, 2017 as compared to the three months ended June 30, 2016.

Three Months Ended June 30,

| 2017 | 2016 |  |  | Period-to-Period Change |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Percentage of |  | Percentage of |  |  |
| Amount | Gross | Amount | Gross | Amount | Percentage |
| (dollars in | Revenue thousands) |  | Revenue |  |  |

Revenue:
Interest income
Gain on sales of loans
Other revenue
Gross revenue
Cost of revenue:
Provision for loan losses
Funding costs
Total cost of revenue
Net revenue
$\left.\begin{array}{lllllllll}\$ 83,721 & 96.6 & \% & \$ 63,886 & 92.0 & \% & \$ 19,835 & 31.0 & \% \\ 260 & 0.3 & & 2,813 & 4.0 & & (2,553 & ) & (90.8\end{array}\right)$

Other expense:
Interest expense
$(318)(0.4) \quad(37 \quad)(0.1 \quad) \quad(281) 759.5$

Total other expense: (318 ) (0.4 ) (37 ) (0.1 ) (281 ) 759.5
Loss before provision for income taxes (2,569 ) (3.0) (18,708) (26.9) 16,139 (86.3)
Provision for income taxes
Net loss
$\overline{\$(2,569)}(\overline{3.0} \quad) \% \quad \overline{\$(18,708)}(\overline{26.9} \quad) \% \quad \overline{\$ 16,139} \quad(86.3) \%$
Revenue

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## Revenue:

Interest income \$83,721 96.6 \% \$63,886 $92.0 \quad \% \quad \$ 19,835 \quad 31.0 \quad \%$
Gain on sales of loans $260 \quad 0.3 \quad 2,813 \quad 4.0 \quad$ (2,553 ) (90.8 )
$\left.\begin{array}{lllllll}\text { Other revenue } & 2,670 & 3.1 & 2,803 & 4.0 & (133\end{array}\right)(4.7)$
Gross revenue $\quad \$ 86,651 \quad 100.0 \quad \% \quad \$ 69,502 \quad 100.0 \quad \% \quad \$ 17,149 \quad 24.7 \quad \%$
Gross revenue increased by $\$ 17.1$ million, or $24.7 \%$, from $\$ 69.5$ million to $\$ 86.7$ million. This growth was in part attributable to a $\$ 19.8$ million, or $31.0 \%$, increase in interest income. The combined effect of our increase in originations throughout 2016 and decreased utilization of OnDeck Marketplace resulted in a greater volume of loans being held on our balance sheet as evidenced by the $33.0 \%$ increase in average loans to $\$ 1.0$ billion from $\$ 754.6$ million. The increase in interest income was partially offset by a decline in our EIY on loans outstanding to $32.8 \%$ from 33.3\%.
Gain on sales of loans decreased by $\$ 2.6$ million, from $\$ 2.8$ million to $\$ 0.3$ million. This decrease was primarily attributable to a $\$ 70.1$ million decrease in sales of loans through OnDeck Marketplace and a decrease in Marketplace Gain on Sale Rate from $3.5 \%$ to $2.8 \%$.
Cost of Revenue


## Cost of revenue:

Provision for loan losses $\$ 32,733 \quad 37.8 \quad \% \quad \$ 32,27146.4 \quad \% \quad \$ 462 \quad 1.4 \quad \%$

| Funding costs | 11,616 | 13.4 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Total cost of revenue | $\$ 44,349$ | 51.2 |$\quad \% \quad$| 8,374 | 12.0 |  | 3,242 | 38.7 |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $\$ 40,645$ | 58.4 | $\%$ | $\$ 3,704$ | 9.1 | $\%$ |

Provision for Loan Losses. Provision for loan losses increased by $\$ 0.5$ million, or $1.4 \%$, from $\$ 32.3$ million to $\$ 32.7$ million. In accordance with GAAP, we recognize revenue on loans over their term, but provide for estimated credit losses on the loans at the time they are originated. We then periodically adjust those estimates based on actual performance and changes in loss assumptions. As a result, we believe that analyzing provision for loan losses as a percentage of originations in addition to as a percentage of gross revenue provides useful insight into our operating performance. Our provision for loan losses as a percentage of originations held for investment, or the Provision Rate, increased from $6.3 \%$ to $7.2 \%$. The increase in the Provision Rate was primarily the result of higher loss estimates for new originations as described in Part I - Item 2 "Management's Discussion and Analysis of Financial Condition and Results of Operations - Key Factors Affecting our Performance - Credit Performance."
Funding Costs. Funding costs increased by $\$ 3.2$ million, or $38.7 \%$, from $\$ 8.4$ million to $\$ 11.6$ million. The increase in funding costs was primarily attributable to the increases in our aggregate outstanding borrowings. The Average Funding Debt Outstanding was $\$ 747.0$ million compared to $\$ 501.4$ million while our Cost of Funds Rate decreased to $6.2 \%$ from $6.7 \%$. As a percentage of gross revenue, funding costs increased from $12.0 \%$ to $13.4 \%$. The increase in funding costs as a percentage of gross revenue was the result of increased utilization of funding debt, which increased the numerator of the calculation. In addition, the decrease in the gain on sale rate, the decrease in the volume of loans
sold through OnDeck Marketplace, and the decrease in our EIY decreased the denominator of the calculation.

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Operating Expense
Sales and Marketing
Three Months Ended June 30,
2017 Percentage of 2016 Percentage of Change

Amount Gross Amount Gross Amount Percentage
Revenue Revenue
(dollars in thousands)
Sales and marketing \$15,368 17.7 \% \$16,757 24.1 \% \$(1,389) (8.3 )\%
Sales and marketing expense decreased by $\$ 1.4$ million, or $8.3 \%$, from $\$ 16.8$ million to $\$ 15.4$ million. The decrease was primarily attributable to a $\$ 1.2$ million decrease in marketing spend and a decrease of $\$ 0.8$ million in brand and radio/television advertising spend. This was partially offset by an increase of $\$ 0.7$ million in syndication program costs.
Technology and Analytics
Three Months Ended June 30,


Technology and analytics $\$ 14,769 \quad 17.0 \quad \% \quad \$ 13,757 \quad 19.8 \quad \% \quad \$ 1,012 \quad 7.4 \quad \%$
Technology and analytics expense increased by $\$ 1.0$ million, or $7.4 \%$, from $\$ 13.8$ million to $\$ 14.8$ million. The increase was primarily attributable to a $\$ 0.7$ million increase in software licenses and product development spend. Additionally, technology depreciation increased by $\$ 0.2$ million as we continued to purchase fixed assets throughout the end of 2016 and early 2017.
Processing and Servicing
Three Months Ended June 30,

| 2017 | 2016 | Period-to-Period Change |
| :---: | :---: | :---: |
| Percentage of | Percentage of |  |
| AmountGross | AmountGross | AmountPercentage |
| Revenue | Revenue |  |
| (dollars in thousands) |  |  |

Processing and servicing \$4,826 5.6 \% \$4,865 7.0 \% \$ (39) (0.8 )\%
Processing and servicing expense remained generally consistent.

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General and Administrative
Three Months Ended June 30,

| 2017 | 2016 |  | Period-to-Period Change |
| :---: | :---: | :---: | :---: |
| Percentage of |  | Percentage of |  |
| AmountGross | Amount | Gross | Amount Percentag |
| Revenue |  | Revenue |  |
| (dollars in thousands) |  |  |  |
| \$9,590 11.1 \% | \$12,149 | 17.5 \% | \$ $(2,559)(21.1) \%$ |

General and administrative \$9,590 11.1 \% \$12,149 $17.5 \quad \% \quad \$(2,559)(21.1) \%$
General and administrative expense decreased by $\$ 2.6$ million, or $21.1 \%$, from $\$ 12.1$ million to $\$ 9.6$ million. Salary and personnel-related costs decreased by $\$ 0.9$ million. The gain related to foreign currency transactions and holdings in Canadian Dollars increased, decreasing expenses by $\$ 0.7$ million, driven by the increased value of the Canadian Dollar. Finally, travel and entertainment expenses decreased by $\$ 0.9$ million.

Comparison of the Six Months Ended June 30, 2017 and 2016
Unless expressly stated otherwise, all comparisons and variance explanations are related to the six months ended June 30, 2017 as compared to the six months ended June 30, 2016.

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|  | Six Months Ended June 30, |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2017 | Percentage of 2016 |  |  | Percentage of |  | Period-to-Period Change |  |  |
|  | Amount <br> (dollars in | Perce Gross <br> Reven n thousa | s) | Amount | Percen Gross Reven | age of | Amount | Perce | ntage |
| Revenue: |  |  |  |  |  |  |  |  |  |
| Interest income | \$ 170,832 | 95.1 | \% | \$117,365 | 88.8 | \% | \$53,467 | 45.6 | \% |
| Gain on sales of loans | 1,744 | 1.0 |  | 9,924 | 7.5 |  | (8,180 | ) (82.4 | ) |
| Other revenue | 6,967 | 3.9 |  | 4,828 | 3.7 |  | 2,139 | 44.3 |  |
| Gross revenue | 179,543 | 100.0 |  | 132,117 | 100.0 |  | 47,426 | 35.9 |  |
| Cost of revenue: |  |  |  |  |  |  |  |  |  |
| Provision for loan losses | 78,913 | 44.0 |  | 57,708 | 43.7 |  | 21,205 | 36.7 |  |
| Funding costs | 22,893 | 12.8 |  | 14,096 | 10.6 |  | 8,797 | 62.4 |  |
| Total cost of revenue | 101,806 | 56.8 |  | 71,804 | 54.3 |  | 30,002 | 41.8 |  |
| Net revenue | 77,737 | 43.2 |  | 60,313 | 45.7 |  | 17,424 | 28.9 |  |
| Operating expenses: |  |  |  |  |  |  |  |  |  |
| Sales and marketing | 30,187 | 16.8 |  | 33,305 | 25.2 |  | (3,118 | ) (9.4 | ) |
| Technology and analytics | 30,212 | 16.8 |  | 27,844 | 21.1 |  | 2,368 | 8.5 |  |
| Processing and servicing | 9,361 | 5.2 |  | 9,080 | 6.9 |  | 281 | 3.1 |  |
| General and administrative | 21,477 | 12.0 |  | 21,858 | 16.5 |  | (381 | ) (1.7 | ) |
| Total operating expenses | 91,237 | 50.8 |  | 92,087 | 69.7 |  | (850 | ) (0.9 | ) |
| Loss from operations | (13,500 | ) (7.6 | , | (31,774 | ) (24.0 | ) | 18,274 | 57.5 |  |
| Other expense: |  |  |  |  |  |  |  |  |  |
| Interest expense | (671 | ) (0.4 | ) | (75 | ) (0.1 | ) | (596 | ) 794.7 |  |
| Total other expense: | (671 | ) (0.4 | ) | (75 | ) (0.1 | ) | (596 | ) 794.7 |  |
| Loss before provision for income taxes | (14,171 | ) (8.0 | ) | (31,849 | ) (24.1 | ) | 17,678 | (55.5 | ) |
| Provision for income taxes | - | - |  | - | - |  | - | - |  |
| Net loss | \$(14,171) | ) 8.0 | )\% | \$(31,849 | ) (24.1 | )\% | \$17,678 | (55.5 | )\% |

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Revenue

Revenue:
Interest income $\quad \$ 170,83295.1 \quad \% \quad \$ 117,36588.8 \quad \% \quad \$ 53,467 \quad 45.6 \quad \%$
Gain on sales of loans $1,744 \quad 1.0 \quad 9,924 \quad 7.5 \quad(8,180 \quad$ ) (82.4 )
$\begin{array}{lllllll}\text { Other revenue } & 6,967 & 3.9 & 4,828 & 3.7 & 2,139 & 44.3\end{array}$
Gross revenue $\$ 179,543100.0 \quad \% \quad \$ 132,117 \quad 100.0 \quad \% \quad \$ 47,426 \quad 35.9 \quad \%$
Gross revenue increased by $\$ 47.4$ million, or $36 \%$, from $\$ 132.1$ million to $\$ 179.5$ million. This growth was in part attributable to a $\$ 53.5$ million, or $45.6 \%$, increase in interest income. The combined effect of our increase in originations throughout 2016 and decreased utilization of OnDeck Marketplace resulted in a greater volume of loans being held on our balance sheet as evidenced by the $47 \%$ increase in average loans to $\$ 1.0$ billion from $\$ 696.1$ million. The increase in interest income was partially offset by a decline in our EIY on loans outstanding from 33.7\% to $33.5 \%$.
Gain on sales of loans decreased by $\$ 8.2$ million, from $\$ 9.9$ million to $\$ 1.7$ million. This decrease was primarily attributable to a $\$ 151.8$ million decrease in sales of loans through OnDeck Marketplace and a decrease in Marketplace Gain on Sale Rate from $4.9 \%$ to $3.4 \%$.
Other revenue increased $\$ 2.1$ million, or $44 \%$, primarily attributable to an increase of $\$ 1.7$ million in platform fees, and an increase of $\$ 0.5$ million in monthly fees earned from lines of credit as the total number of units of outstanding lines of credit increased period over period.
Cost of Revenue
Six Months Ended June 30,

| 2017 |  | 2016 |  | Period-to-Period Change |
| :---: | :---: | :---: | :---: | :---: |
|  | Percentage of |  | Percentage of |  |
| Amount <br> (dollars i | Gross <br> Revenue thousands) | Amount | Gross <br> Revenue | Amount Percentage |

Cost of revenue:
Provision for loan losses \$78,913 $44.0 \quad \% \quad \$ 57,708 \quad 43.7 \quad \% \quad \$ 21,205 \quad 36.7 \quad \%$
$\begin{array}{lllllllllll}\text { Funding costs } & 22,893 & 12.8 & & 14,096 & 10.6 & & 8,797 & 62.4 & \\ \text { Total cost of revenue } & \$ 101,806 & 56.8\end{array} \quad \% \quad \begin{array}{lllll}\$ 71,804 & 54.3 & \% & \$ 30,002 & 41.8\end{array}$
Provision for Loan Losses. Provision for loan losses increased by $\$ 21.2$ million, or $37 \%$, from $\$ 57.7$ million to $\$ 78.9$ million. In accordance with GAAP, we recognize revenue on loans over their term, but provide for probable credit losses on the loans at the time they are originated. We then periodically adjust our estimate of those probable credit losses based on actual performance and changes in loss estimates. As a result, we believe that analyzing provision for loan losses as a percentage of originations in addition to as a percentage of gross revenue provides further insight into our operating performance. Our provision for loan losses as a percentage of originations held for investment, or the Provision Rate, increased from $6.1 \%$ to $8.0 \%$. The increase in the Provision Rate was primarily the result of higher loss estimates for new originations as described in Part I - Item 2 "Management's Discussion and Analysis of Financial Condition and Results of Operations - Key Factors Affecting our Performance - Credit Performance." Additionally, $\$ 1.4$ million of the provision expense in the first quarter of 2017 related to loans we purchased which had been
previously sold to a third party.

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Funding Costs. Funding costs increased by $\$ 8.8$ million, or $62.4 \%$, from $\$ 14.1$ million to $\$ 22.9$ million. The increase in funding costs was primarily attributable to the increases in our aggregate outstanding borrowings. The Average Funding Debt Outstanding was $\$ 750.8$ million compared to $\$ 459.6$ million while our Cost of Funds Rate remained steady at $6.1 \%$. As a percentage of gross revenue, funding costs increased from $10.6 \%$ to $12.8 \%$. The increase in funding costs as a percentage of gross revenue was the result of increased utilization of funding debt, which increased the numerator of the calculation. In addition, the decrease in the gain on sale rate, the decrease in the volume of loans sold through OnDeck Marketplace, and the decrease in our EIY decreased the denominator of the calculation.
Operating Expense
Sales and Marketing
Six Months Ended June 30,

2017 Percentage of $2016 \quad$| Period-to-Period |
| :--- |
| Change |

Amount Gross Amount Gross Amount Percentage
Revenue Revenue
(dollars in thousands)
Sales and marketing \$30,187 16.8 \% \$33,305 25.2 \% \$(3,118) (9.4 )\%
Sales and marketing expense decreased by $\$ 3.1$ million, or $9 \%$, from $\$ 33.3$ million to $\$ 30.2$ million. The decrease was primarily attributable to a $\$ 4.2$ million decrease in acquisition marketing spend. This was offset by an increase of $\$ 1.1$ million in our syndication program costs.
Technology and Analytics
Six Months Ended June 30,

2017 Percentage of $2016 \quad$| Period-to-Period |
| :--- |
| Change |

Amount Gross Amount Gross Amount Percentage

Revenue
Revenue
(dollars in thousands)
Technology and analytics $\$ 30,212 \quad 16.8 \quad \% \quad \$ 27,844 \quad 21.1 \quad \% \quad \$ 2,368 \quad 8.5 \quad \%$
Technology and analytics expense increased by $\$ 2.4$ million, or $9 \%$, from $\$ 27.8$ million to $\$ 30.2$ million. The increase was primarily attributable to a $\$ 0.9$ million increase in personnel-related costs and severance. Technology depreciation increased by $\$ 0.7$ million as we continued to purchase fixed assets throughout the end of 2016 and early 2017. Additionally, we incurred a $\$ 1.0$ million increase in software licenses as we added additional vendors through the end of 2016 and 2017.
Processing and Servicing
Six Months Ended June 30,


Processing and servicing \$9,361 5.2 \% \$9,080 $6.9 \quad \% \quad \$ 281 \quad 3.1 \quad \%$
Processing and servicing expense increased by $\$ 0.3$ million, or $3 \%$, from $\$ 9.1$ million to $\$ 9.4$ million. The increase was primarily attributable to an increase in third-party processing costs, credit information and filing fees as a result of increased vendor cost.

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General and Administrative
Six Months Ended June 30,

| 2017 |  | 2016 |  | Period-to-Period Change |
| :---: | :---: | :---: | :---: | :---: |
|  | Percentage of |  | Percentage of |  |
| Amount | Gross | Amount | Gross | Amount Percentage |
|  | Revenue |  | Revenue |  |

General and administrative \$21,477 12.0 \% \$21,858 $16.5 \quad \% \quad \$(381)(1.7) \%$
General and administrative expense decreased by $\$ 0.4$ million, or $2 \%$, from $\$ 21.9$ million to $\$ 21.5$ million. Travel and entertainment expenses decreased by $\$ 1.4$ million. This decrease was partially offset by a $\$ 1.2$ million increase in consulting, legal, accounting and other professional fees.

## Liquidity and Capital Resources

## Sources of Liquidity

During the second quarter of 2017, we originated $\$ 464.4$ million of loans and during the six months ended June 30 , 2017 we originated $\$ 1.0$ billion utilizing a diversified set of funding sources, including cash on hand, third-party lenders (through debt facilities and securitization), OnDeck Marketplace and the cash generated by our operating, investing and financing activities.
Cash on Hand
At June 30, 2017, we had approximately $\$ 78$ million of cash on hand to fund our future operations compared to approximately $\$ 80$ million at December 31, 2016. The decline was in part the result of our strategy to reduce OnDeck Marketplace sales and retain more loans on-balance sheet during the period. Consistent with this decision, we invested more of our cash to fund on-balance sheet loan growth. Additionally we have used cash on hand to fund certain loans that do not meet the criteria to be financed through our debt facilities or exceed concentration limits under our debt facilities.
During the six months ended June 30, 2017, our investment in the residual value of our portfolio, which is in general the portion of our financed loans in excess of the outstanding debt of our debt facilities, decreased by approximately $\$ 14.5$ million. Consequently, during the period, restricted cash also decreased $\$ 9.7$ million primarily due to the timing of when cash was transferred to unrestricted accounts. All else equal, as the growth rate of outstanding principal balances we retain on balance sheet slows, we expect the rate of residual growth to slow as well.

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Current Debt Facilities
The following table summarizes our current debt facilities available for funding our lending activities, referred to as funding debt, and our operating expenditures, referred to as corporate debt, as of June 30, 2017.
$\left.\begin{array}{lllll}\text { Description } & \begin{array}{l}\text { Maturity } \\ \text { Date }\end{array} & \begin{array}{l}\text { Weighted } \\ \text { Average } \\ \text { Interest Rate }\end{array} & \begin{array}{l}\text { BorrowingPrincipal } \\ \text { Capacity }\end{array} \\ \text { (in millions) }\end{array}\right]$
(1) The period during which remaining cash flow can be used to purchase additional loans expires April 2018.
(2) The period during which new borrowings may be made under this facility expires in February 2019.
(3) Lenders obligation consists of a commitment to make loans in amount of up to $\$ 125$ million on a revolving basis. Lenders may also, in their sole discretion and on an uncommitted basis, make additional loans in amount of up to $\$ 75$ million on a revolving basis.
(4) Maturity dates range from July 2017 through December 2018.

Our ability to fully utilize the available capacity of our debt facilities may also be impacted by provisions that limit concentration risk and eligibility. The debt facilities contain thresholds, known as concentration limitations, which restrict a debt facility's collateral pool from being overly concentrated with loans that share pre-defined loan characteristics. In addition, debt facilities contain provision that limit the eligibility criteria of loans that may be financed, such as term length, loan amount and a borrower's home country. Loans that do not meet the criteria to be financed are referred to as ineligible loans. To the extent such concentration limits are exceeded or loans are deemed ineligible, newly originated loans with the pre-defined loan characteristics subject to that concentration limit or eligibility criteria may not be financed despite available capacity under the debt facilities.
OnDeck Marketplace
OnDeck Marketplace is our proprietary whole loan sale platform that allows participating third-party institutional investors to directly purchase small business loans from us. OnDeck Marketplace participants enter into whole loan purchase agreements to purchase loans that satisfy certain eligibility criteria. Some participants agree to purchase such loans on what is known as a "forward flow basis" while other participants purchase larger pools of whole loans in isolated transactions. The loans are sold to the participant at a pre-determined purchase price above par. We recognize a gain or loss from OnDeck Marketplace loans when sold. We currently act as servicer in exchange for a servicing fee with respect to the loans purchased by the applicable OnDeck Marketplace participant. For the six months ended June 30, 2017 and 2016, $6.1 \%$ and $20.7 \%$, respectively, of total term originations were OnDeck Marketplace originations. The proportion of loans we sell, if any, through OnDeck Marketplace largely depends on the prices available to us. We expect to reduce OnDeck Marketplace to less than $5 \%$ of future originations for the remainder of 2017. To the extent our use of OnDeck Marketplace as a funding source decreases or ceases in the future due to lower available premiums or otherwise, we may choose to generate liquidity through our other available funding sources.

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Cash and Cash Equivalents, Loans (Net of Allowance for Loan Losses), and Cash Flows
The following table summarizes our cash and cash equivalents, loans (net of ALLL) and cash flows:

|  | As of and for the Six Months Ended June 30, <br> 20172016 <br> (in thousands) |  |
| :---: | :---: | :---: |
| Cash and cash equivalents | \$77,936 | \$78,063 |
| Restricted cash | \$54,166 | \$39,816 |
| Loans held for investment, net | \$865,255 | \$730,549 |
| Cash provided by (used in): |  |  |
| Operating activities | \$96,995 | \$52,313 |
| Investing activities | \$ $(90,644$ ) | \$(311,137) |
| Financing activities | \$(8,748 ) | \$ 176,897 |

Our cash and cash equivalents at June 30, 2017 were held primarily for working capital purposes. We may, from time to time, use excess cash and cash equivalents to fund our lending activities. We do not enter into investments for trading or speculative purposes. Our policy is to invest any cash in excess of our immediate working capital requirements in investments designed to preserve the principal balance and provide liquidity. Accordingly, our excess cash is invested primarily in demand deposit accounts that are currently providing only a minimal return.
Our restricted cash represents funds held in accounts as reserves on certain debt facilities and as collateral for issuing bank partner transactions. We have no ability to draw on such funds as long as they remain restricted under the applicable arrangements.
Cash Flows
Operating Activities
For the six months ended June 30, 2017, net cash provided by our operating activities was $\$ 97.0$ million, which was primarily the result of our cash received from our customers including interest payments of $\$ 202.4$ million, plus proceeds from sale of loans held for sale of $\$ 42.7$ million, less $\$ 40.4$ million of loans held for sale originations in excess of loan repayments received, $\$ 85.9$ million utilized to pay our operating expenses and $\$ 21.3$ million we used to pay the interest on our debt (both funding and corporate) and $\$ 1.0$ million of origination costs paid in excess of fees collected. During that same period, accounts payable and accrued expenses and other liabilities decreased by approximately $\$ 7.3$ million.
For the six months ended June 30, 2016, net cash provided by our operating activities was $\$ 52.3$ million, which was primarily the result of our cash received from our customers including interest payments of $\$ 138.2$ million, plus proceeds from sale of loans held for sale of $\$ 170.0$ million, less $\$ 162.2$ million of loans held for sale originations in excess of loan repayments received, $\$ 79.3$ million utilized to pay our operating expenses and $\$ 9.4$ million we used to pay the interest on our debt (both funding and corporate) and $\$ 6.0$ million of origination costs paid in excess of fees collected. During that same period, accounts payable and accrued expenses and other liabilities increased by approximately $\$ 0.9$ million.

## Investing Activities

Our investing activities have consisted primarily of funding our term loan and line of credit originations, including payment of associated direct costs and receipt of associated fees, offset by customer repayments of term loans and lines of credit, purchases of property, equipment and software, capitalized internal-use software development costs, proceeds from the sale of term loans which were not specifically identified at origination through our OnDeck Marketplace and changes in restricted cash. Purchases of property, equipment and software and capitalized internal-use software development costs may vary from period to period due to the timing of the expansion of our operations, the addition of employee headcount and the development cycles of our internal-use technology.

From time to time in the past, we have voluntarily purchased and may again in the future voluntarily purchase our loans that were previously sold to third parties. The circumstances under which we effect these transactions depends on a variety of factors. In determining whether to engage in a certain voluntary purchase transactions, we consider, among other things, our relationship with the potential seller, the potential purchase price, credit profile of the target loans, our overall liquidity position

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and possible alternative uses of cash. Although these purchases have not been material in the past, depending upon the circumstances, they could be material in the future, depending on the quantity and timing of these purchases.

For the six months ended June 30, 2017, net cash used to fund our investing activities was $\$ 90.6$ million and consisted primarily of $\$ 66.7$ million of loan originations in excess of loan repayments received, $\$ 21.3$ million of origination costs paid in excess of fees collected, $\$ 13.7$ million for the purchase of loans, a $\$ 9.7$ million increase in restricted cash and $\$ 2.9$ million for the purchase of property, equipment and software and capitalized internal-use software development costs. These uses of cash were partially offset by $\$ 10.0$ million of proceeds from sales of loans held for investment.

For the six months ended June 30, 2016, net cash used to fund our investing activities was $\$ 311.1$ million, and consisted primarily of $\$ 321.8$ million of loan originations in excess of loan repayments received, $\$ 21.0$ million of origination costs paid in excess of fees collected and $\$ 8.1$ million for the purchase of property, equipment and software and capitalized internal-use software development costs. These uses of cash were partially offset by $\$ 41.4$ million of proceeds from sales of loans held for investment and a $\$ 1.4$ million increase in unrestricted cash during the year.

## Financing Activities

Our financing activities have consisted primarily of net borrowings from our securitization facility and our revolving debt facilities as well as the issuance of common stock.
For the six months ended June 30, 2017, net cash used in financing activities was $\$ 8.7$ million and consisted primarily of $\$ 8.9$ million in net repayments on our securitization and debt facilities and $\$ 3.3$ million of payments of debt issuance costs. These uses of cash were partially offset by $\$ 2.4$ million of net cash received from noncontrolling interest, and $\$ 1.2$ million of cash received from the issuance of common stock under the employee stock purchase plan.
For the six months ended June 30, 2016, net cash used to fund our financing activities was $\$ 176.9$ million and consisted primarily of $\$ 179.3$ million in net borrowings from our revolving debt facilities, primarily associated with the increase in loan originations during the year and $\$ 1.5$ million cash received from the issuance of common stock under our employee stock purchase plan, offset by $\$ 3.7$ million in payments of debt issuance costs primarily associated with the closing of our $\$ 250$ million securitization facility in May 2016.
Operating and Capital Expenditure Requirements
As a result of our previous growth strategy, we increased our annual originations significantly over each of the past three years. Our originations were $\$ 1.2$ billion in 2014, $\$ 1.9$ billion in 2015 and $\$ 2.4$ billion in 2016, which equates to annual year over year growth rates of $152 \%, 62 \%$ and $28 \%$, respectively.

In the near-term, we are focused on accelerating our timeline to profitability through improved credit quality and operating cost reductions. We expect our originations to decrease in absolute dollars for the full year 2017 as compared to the full year of 2016. The expected decline can be attributed to the tightening of our credit policies. Because we will remain focused on credit quality, we are prepared to forgo lending opportunities that do not meet our more stringent credit, underwriting and pricing standards. In addition, despite the continuing competition for customer response, we intend to allocate resources to continue to optimize marketing and customer acquisition costs based on targeted returns on investment rather than spending inefficiently in these areas to achieve incremental growth.

Although by design our strategy will result in lower originations as compared to the prior year's originations, we believe it will increase our operating leverage and improve our overall financial performance.

We estimate that at June 30, 2017, approximately $\$ 257$ million of our own cash had been invested in our loan portfolio, approximately $71 \%$ of which was used to fund our portfolio's residual value and the remainder was used to fund ineligible loans. While investing in our portfolio's residual value is a requirement of our funding model and will
remain a use of cash as loan balances grow, the use of cash to fund ineligible loans may be mitigated if and to the extent we obtain funding capacity that permits the funding of the ineligible loans. Depending upon our existing and anticipated cash needs and other considerations, we may from time to time choose to pay down our debt or finance loan originations with our own cash instead of debt to reduce funding costs.

At June 30, 2017, approximately $\$ 17.3$ million of our funding debt capacity was scheduled to expire on or before June 30, 2018.

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We expect to use cash flow generated from operations, available debt capacity and additional cash we may obtain by financing currently ineligible loans, to the extent that we are able to do so, to continue funding loan residuals. In addition, we may also finance our loan residuals through other unused liquidity sources such as our corporate line of credit or possible additional subordinated notes in our debt facilities.

Historically we have been successful in accessing the asset-backed loan market on terms acceptable to us and we anticipate that we will be able to do so into the foreseeable future. However, if we deem the cost of accessing the asset-backed loan market to be in excess of an appropriate rate, we may elect to use available cash, seek to increase the use of OnDeck Marketplace, or use other financing options available to us. Furthermore, we could decide to alter the types of loans we originate, such that more loans are eligible for credit facilities, or we could decide to slow down the rate of originations.

In addition to pursuing additional debt funding sources as described above, although it is not currently anticipated, depending upon the circumstances we may seek additional equity financing. The sale of equity may result in dilution to our stockholders, and those securities may have rights senior to those of our common stock. If we raise additional funds through the issuance of additional debt, the agreements governing such debt could contain covenants that would restrict our operations and such debt would rank senior to shares of our common stock.

We believe that our cash from operations, available capacity under our revolving lines of credit (and expected extensions or replacements of those lines), and existing cash balances, together with additional financing we expect to be able to obtain on market terms, are sufficient to meet both our existing operating and capital expenditure requirements for at least the next 12 months.

It is possible that we may require capital in excess of amounts we currently anticipate. Depending on market conditions and other factors, we may not be able to obtain additional capital for our current operations on reasonable terms or at all.
Contractual Obligations
Other than as described below, and as described under the subheading " - Liquidity and Capital Resources" and in Note 5 of Notes to Unaudited Condensed Consolidated Financial Statements, there have been no material changes in our commitments under contractual obligations from those disclosed in our Annual Report on Form 10-K for the year ended December 31, 2016 and Quarterly Report on Form 10-Q for the quarter ended March 31, 2017.

ODAC Credit Agreement Amendment
On May 4, 2017, On Deck Asset Company, LLC, or ODAC, our wholly-owned subsidiary, amended and restated its existing asset-backed revolving debt facility, which is utilized solely for the financing of our line of credit offering. On that date, ODAC entered into that certain Fourth Amended and Restated Credit Agreement, or the Fourth A\&R Credit Agreement with the Lenders party thereto from time to time and WM 2016-1, LLC, the Administrative Agent for the Lenders, and Deutsche Bank Trust Company Americas, or the Paying Agent and the Collateral Agent for the Secured Parties. The Fourth A\&R Credit Agreement amends and restates the Third Amended and Restated Credit Agreement , or the Third A\&R Credit Agreement, dated as of April 28, 2016, by and among ODAC, the Lenders party thereto from time to time, the Administrative Agent and the Collateral Agent. The Third A\&R Credit Agreement was previously filed as Exhibit 10.4 to our Quarterly Report on Form 10-Q for the quarter ended June 30, 2016.
The Fourth A\&R Credit Agreement provides for:
an increase in the Lender's revolving commitments from an aggregate amount of $\$ 75$ million to $\$ 100$

- million;
${ }_{\text {an }}^{\text {an approximately two year extension of the revolving commitment period during which ODAC may utilize funding }}$ capacity under the facility to May 3, 2019;
a decrease in the revolving loans interest rate to LIBOR (minimum of $0.75 \%$ ) $+7.25 \%$ from LIBOR (minimum of $0.0 \%$ ) $9.25 \%$;
an increase in the borrowing advance rate from $75 \%$ to $85 \%$;
certain changes to portfolio performance covenants; and
various related technical, definitional, conforming and other changes.
The foregoing description of the Fourth $A \& R$ Credit Agreement does not purport to be complete and is qualified in its entirety by reference to the Fourth A\&R Credit Agreement, which is filed as Exhibit 10.1 to this report and incorporated herein by reference.

RAOD Credit Agreement Amendment
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On May 25, 2017, Receivable Assets of OnDeck, LLC, or RAOD, our wholly-owned subsidiary, amended and restated its existing asset-backed revolving debt facility. On that date, RAOD entered into that certain Second Amended and Restated Credit Agreement, or the Second A\&R Credit Agreement, with the Lenders party thereto from time to time, SunTrust Bank, as Administrative Agent, and Wells Fargo Bank, N.A., as Paying Agent and as Collateral Agent for the Secured Parties. The Second A\&R Credit Agreement amends and restates that certain Amended and Restated Credit Agreement, or the A\&R Credit Agreement, dated as of February 26, 2016, by and among RAOD, as Borrower, the Lenders party thereto, the Administrative Agent, the Paying Agent and the Collateral Agent. The A\&R Credit Agreement was previously filed as Exhibit 10.1 to the Company's Quarterly Report on Form $10-\mathrm{Q}$ for the quarter ended March 31, 2016.
The Second A\&R Credit Agreement provides for:
an 18-month extension of the revolving commitment period during which RAOD may utilize funding capacity under the SunTrust Facility to November 22, 2018;
a decrease in the Class A revolving loans interest rate from LIBOR $+3.00 \%$ to LIBOR $+2.50 \%$;
certain changes to portfolio performance covenants; and
various related technical, definitional, conforming and other changes.
The foregoing description of the Second A\&R Credit Agreement does not purport to be complete and is qualified in its entirety by reference to the Second A\&R Credit Agreement, which is filed as Exhibit 10.2 to this report and incorporated herein by reference.

## Off-Balance Sheet Arrangements

As of June 30, 2017, we did not have any off-balance sheet arrangements, as defined in Item 303(a)(4)(ii) of Regulation S-K, such as the use of unconsolidated subsidiaries, structured finance, special purpose entities or variable interest entities.
Critical Accounting Policies and Significant Judgments and Estimates
There have been no material changes to our critical accounting policies and estimates as compared to those described in our Annual Report on Form 10-K for the year ended December 31, 2016.
Our management's discussion and analysis of our financial condition and results of operations is based on our condensed consolidated financial statements, which have been prepared in accordance with GAAP. The preparation of these condensed consolidated financial statements requires us to make estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of contingent assets and liabilities at the date of the condensed consolidated financial statements and the reported amounts of revenue and expenses during the reported period. In accordance with GAAP, we base our estimates on historical experience and on various other assumptions that we believe are reasonable under the circumstances. Actual results may differ from these estimates under different assumptions or conditions.
Recently Issued Accounting Pronouncements and JOBS Act Election
Recent Accounting Pronouncements Not Yet Adopted
Refer to Note 1, Organization and Summary of Significant Accounting Policies, contained in the Notes to Unaudited Condensed Consolidated Financial Statements in Item 1 of Part I of this report for a full description of the recent accounting pronouncements and our expectation of their impact, if any, on our results of operations and financial conditions.

Under the JOBS Act, we meet the definition of an "emerging growth company." We have irrevocably elected to opt out of the extended transition period for complying with new or revised accounting standards pursuant to Section 107(b) of the JOBS Act.
Item 3. Quantitative and Qualitative Disclosures About Market Risk

There have been no material changes from the information previously reported under Part II, Item 7A of our Annual Report on Form 10-K for the year ended December 31, 2016.

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Item 4. Controls and Procedures
Disclosure Controls and Procedures
As required by Rule 13a-15 under the Securities Exchange Act of 1934, as amended, or the Exchange Act, management has evaluated, with the participation of our Chief Executive Officer and Chief Financial Officer, the effectiveness of our disclosure controls and procedures as of the end of the period covered by this report. Disclosure controls and procedures refer to controls and other procedures designed to ensure that information required to be disclosed in the reports we file or submit under the Exchange Act are recorded, processed, summarized, and reported within the time periods specified in the rules and forms of the Securities and Exchange Commission. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed by us in our reports that we file or submit under the Exchange Act are accumulated and communicated to our management, including our Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding our required disclosure. In designing and evaluating our disclosure controls and procedures, management recognizes that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving the desired control objectives, and management is required to apply its judgment in evaluating and implementing possible controls and procedures.
Based on the foregoing evaluation, our Chief Executive Officer and Chief Financial Officer have concluded that, as of June 30, 2017, the end of the period covered by this report, our disclosure controls and procedures were effective at a reasonable assurance level.
Changes in Internal Control over Financial Reporting
There were no changes in our internal control over financial reporting during the quarter ended June 30, 2017 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

## PART II - OTHER INFORMATION

## Item 1.Legal Proceedings

From time to time we are subject to legal proceedings and claims in the ordinary course of business. The results of such matters cannot be predicted with certainty. However, we believe that the final outcome of any such current matters will not result in a material adverse effect on our consolidated financial condition, consolidated results of operations or consolidated cash flows.

## Item 1A. Risk Factors

Our current and prospective investors should carefully consider the following risks, in addition to those described in "Item 1A. Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2016, and other documents that we file with the SEC from time to time which are available on the SEC website at www.sec.gov, and all other information contained in this report, including our unaudited consolidated financial statements and the related notes, "Management's Discussion and Analysis of Financial Condition and Results of Operations" and the "Cautionary Note Regarding Forward-Looking Statements," before making investment decisions regarding our securities. The risks and uncertainties described below supplement, or to the extent inconsistent, supersede those in our above-mentioned Annual Report on Form 10-K. In addition, the risks and uncertainties below and in such Annual Report on Form 10-K are not the only ones we face, but include the most significant factors currently known by us. Additional risks and uncertainties that we are unaware of, or that we currently believe are not material, also may become important factors that affect us. If any of the following risks materialize, our business, financial condition and results of operations could be materially harmed. In that case, the trading price of our securities could decline, and you may lose some or all of your investment.

Competition for our employees is intense. The recent workforce reductions will make the attraction and retention of the highly skilled employees whom we need to support our business challenging, and our workforce reductions in the first half of 2017 have resulted in increased levels of employee attrition.

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Competition for highly skilled engineering, data analytics and risk management personnel is extremely intense reflecting a tight labor market, and we continue to face difficulty identifying and hiring qualified personnel in many areas of our business. We may not be able to hire and retain such personnel at compensation levels consistent with our existing compensation and salary structure. Many of the companies with which we compete for experienced employees have greater resources than we have and may be able to offer more attractive terms of employment. In particular, candidates making employment decisions often consider the value of any equity they may receive in connection with their employment. Any significant volatility or performance issues in the price of our stock may adversely affect our ability to attract or retain highly skilled technical, financial, marketing and other personnel. In addition, we invest significant time and expense in training our employees, which increases their value to competitors who may seek to recruit them.

In February 2017, we announced a cost rationalization program to realign our cost structure and improve our financial performance. As part of this program we also announced headcount reductions in February and May 2017, which were expected to result in an aggregate reduction of $27 \%$ from our headcount as of December 31, 2016 due to both announced layoffs and actual and scheduled attrition. As a result of these actions, we have experienced increased levels of employee attrition which was not unexpected given the size of the reduction in force, and we may experience other unintended consequences including reduced employee morale and productivity. Any of these consequences may impact our efficiency, and make it more difficult and/or expensive to recruit and retain talent and train new employees. All of these consequences could result in a material adverse effect on our business.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds
None.
Item 3.Defaults Upon Senior Securities
None.
Item 4.Mine Safety Disclosures
Not applicable.
Item 5.Other Information
None.
Item 6.Exhibits
The documents listed in the Exhibit Index of this report are incorporated by reference, or are filed with this Quarterly Report on Form 10-Q, in each case as indicated therein (numbered in accordance with Item 601 of Regulation S-K).

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## SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

On Deck Capital, Inc.
/s/ Howard Katzenberg
Howard Katzenberg
Chief Financial Officer
(Principal Financial Officer)
Date: August 7, 2017
/s/ Nicholas Sinigaglia
Nicholas Sinigaglia
Senior Vice President
(Principal Accounting Officer)
Date: August 7, 2017

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Exhibit Index

Exhibit Number Description
3.1 Amended and Restated Certificate of Incorporation
3.2 Third Amended and Restated Bylaws
4.1 Form of common stock certificate.

Ninth Amended and Restated Investors' Rights Agreement, dated
4.2 March 13, 2014, by and among the Registrant and certain of its stockholders.
4.3 Form of warrant to purchase common stock.

Fourth Amended and Restated Credit Agreement, dated as of May 4, 2017, by and among On Deck Asset Company, LLC, as
Borrower, the Lenders party thereto from time to time, WM 2016-1, LLC, as Administrative Agent, and Deutsche Bank Trust Company Americas, as Paying Agent and as Collateral Agent for the Secured Parties.
Second Amended and Restated Credit Agreement, dated as of May 25, 2017, by and among Receivable Assets of OnDeck, LLC, as Borrower, the Lenders party thereto from time to time, SunTrust Bank, as Administrative Agent for the Class A Revolving Lenders and Wells Fargo Bank, N.A., as Paying Agent and as Collateral Agent for the Secured Parties. Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002, Rule 13a-14(a)/15d-14(a), by Chief Executive Officer. Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002, Rule 13a-14(a)/15d-14(a), by Chief Financial Officer. Certification pursuant to 18 U.S.C. Section 1350, as adopted
32.1 pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, by Chief Executive Officer.

Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, by Chief Financial Officer.
101.INS XBRL Instance Document
101.SCH XBRL Taxonomy Extension Schema Document
101.CAL XBRL Taxonomy Extension Calculation Linkbase Document
101.DEF XBRL Taxonomy Extension Definition Linkbase Document 101.LAB

XBRL Taxonomy Extension Labels Linkbase Document
101.PRE XBRL Taxonomy Extension Presentation Linkbase Document

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| Filed / | Incorporated |  |
| :--- | :--- | :--- |
| Incorporated |  |  |
| by | by <br> by |  |
| Reference | Reference <br> from Exhibit | Date Filed |
| from | Number |  |
| Form * | 3.1 | $12 / 22 / 2014$ |
| $8-K$ | 3.1 | $8 / 3 / 2016$ |
| $8-K$ | 3.1 | $11 / 10 / 2014$ |
| S-1 | 4.1 | $11 / 10 / 2014$ |
| S-1 | 4.2 | $11 / 10 / 2014$ |
| S-1 | 4.6 |  |

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* All exhibits incorporated by reference to the Registrant's Form S-1 registration statement relate to Registration No. 333-200043

