

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549**

**FORM 11-K**

(Mark One)

- ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**  
For the fiscal year ended December 31, 2015

OR

- TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**  
For the transition period from \_\_\_\_\_ to \_\_\_\_\_

**Commission file number: 000-6920**

**Applied Materials, Inc. Employee Savings and Retirement Plan**

(Full title of the plan)

**APPLIED MATERIALS, INC.**

3050 Bowers Avenue, P.O. Box 58039

Santa Clara, California 95052-8039

(Name of issuer of the securities held pursuant to the plan and the address of the issuer's and plan's principal executive office)

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**APPLIED MATERIALS, INC.  
EMPLOYEE SAVINGS AND RETIREMENT PLAN**

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REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Participants and Administrative Committee of the  
Applied Materials, Inc. Employee Savings and Retirement Plan  
Santa Clara, California

We have audited the accompanying statements of net assets available for benefits of the Applied Materials, Inc. Employee Savings and Retirement Plan (the "Plan") as of December 31, 2015 and 2014, and the related statement of changes in net assets available for benefits for the year ended December 31, 2015. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement. The Plan is not required to have, nor were we engaged to perform, an audit of the internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2015 and 2014, and the changes in net assets available for benefits for the year ended December 31, 2015 in conformity with accounting principles generally accepted in the United States of America.

The supplemental information in the accompanying schedule of assets (held at end of year) as of December 31, 2015 has been subjected to audit procedures performed in conjunction with the audit of the Plan's financial statements. The supplemental information is presented for the purpose of additional analysis and is not a required part of the financial statements but includes supplemental information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The supplemental information is the responsibility of the Plan's management. Our audit procedures included determining whether the supplemental information reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental information. In forming our opinion on the supplemental information in the accompanying schedule, we evaluated whether the supplemental information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. In our opinion, the supplemental information in the accompanying schedule is fairly stated in all material respects in relation to the financial statements as a whole.

ARMANINO<sup>LLP</sup>  
San Francisco, California

June 23, 2016

**APPLIED MATERIALS, INC.**  
**EMPLOYEE SAVINGS AND RETIREMENT PLAN**  
**STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS**

	December 31, 2015	December 31, 2014
	(In thousands)	
<b>ASSETS</b>		
Investments, at fair value		
Mutual funds	\$ 545,776	\$ 1,053,629
Applied common stock	277,594	386,164
Common/collective trusts	931,673	437,781
Unitized stock funds	113,058	45,992
	<u>1,868,101</u>	<u>1,923,566</u>
Guaranteed investment contracts, at contract value	217,382	199,085
	<u>2,085,483</u>	<u>2,122,651</u>
Total investments	2,085,483	2,122,651
Receivables:		
Notes receivable from participants	20,466	19,683
Employer contribution receivable	2,335	1,734
Total receivables	<u>22,801</u>	<u>21,417</u>
Total assets	<u>2,108,284</u>	<u>2,144,068</u>
<b>LIABILITIES</b>		
Expenses payable	(172)	(248)
Total liabilities	<u>(172)</u>	<u>(248)</u>
Net assets available for benefits	<u>\$ 2,108,112</u>	<u>\$ 2,143,820</u>

See accompanying notes to financial statements.

**APPLIED MATERIALS, INC.**  
**EMPLOYEE SAVINGS AND RETIREMENT PLAN**  
**STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS**

	Year ended December 31, 2015
	(In thousands)
Additions to (deductions from) net assets attributed to:	
Investment and other income (loss):	
Net realized and unrealized depreciation in the fair value of investments	\$ (86,429)
Dividends and interest	24,043
Total investment and other income (loss), net	(62,386)
Contributions:	
Participant	79,789
Rollovers	5,586
Employer	35,845
Total contributions	121,220
Withdrawals, distributions and expenses	(95,158)
Net decrease in net assets available for benefits prior to transfer	(36,324)
Transfer of assets to the Plan	616
Net decrease in net assets	(35,708)
Net assets available for benefits:	
Beginning of year	2,143,820
End of year	\$ 2,108,112

See accompanying notes to financial statements.

**APPLIED MATERIALS, INC.**  
**EMPLOYEE SAVINGS AND RETIREMENT PLAN**  
**NOTES TO FINANCIAL STATEMENTS**

**Note 1 - Significant accounting policies**

**General**

The following description of the Applied Materials, Inc. (Applied) Employee Savings and Retirement Plan (the Plan) provides only general information. Participants seeking more detailed information about the Plan should refer to the Plan document and the Summary Plan Description/Prospectus for the Plan.

The Plan is a defined contribution plan that Applied established in 1981 to provide benefits to eligible employees, as provided in the Plan document. The Plan covers all eligible United States and certain expatriate employees of Applied and its participating affiliates. Eligible employees may enroll in the Plan after receipt of their first paycheck.

The Plan is intended to qualify as a profit-sharing plan as described in Section 401(a) of the Internal Revenue Code of 1986 (the Code), which includes a qualified cash or deferred arrangement as described in Section 401(k) of the Code. In addition, the Applied Materials, Inc. Common Stock Fund under the Plan (the Stock Fund) is intended to constitute an employee stock ownership plan as described in Section 4975(e)(7) of the Code. The Plan is also intended to comply with the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

**Plan administration**

Under ERISA, Applied is the designated administrator of the Plan. An administrative committee (the 401(k) Committee) and its authorized delegates manage the day-to-day operation and administration of the Plan on behalf of Applied. The 401(k) Committee members consist of certain Applied employees who do not report directly to Applied's Chief Executive Officer, as specified in the Plan. Applied has contracted with Fidelity Institutional Retirement Services Company (Fidelity) to maintain the Plan's individual participant accounts and provide certain other recordkeeping and administrative services, and with Fidelity Management Trust Company (Fidelity Trust) to act as the Plan's custodian and trustee. Applied currently pays a portion of the expenses incurred in the administration of the Plan. Other expenses associated with the administration of the Plan are charged against the Plan and paid from Plan assets. Fees related to the administration of notes receivable from participants are charged directly to the respective participant's account and are included in administrative expenses. Withdrawal fees are paid by Plan participants who elect to receive certain types of withdrawals. Fees are also paid by Plan participants who request overnight mail of documents or review of a qualified domestic relations order.

Brokerage commission fees associated with transactions in the Stock Fund are paid by Plan participants who transact in the Stock Fund. Gross total administrative expenses amounted to \$388 thousand and \$412 thousand in 2015 and 2014, respectively. These amounts were reduced by \$113 thousand and \$444 thousand, respectively, as a result of revenue sharing credits that the Plan received. These fees are insignificant to these financial statements, and are therefore reported as withdrawals. Other brokerage commissions and other charges incurred in connection with investment transactions under the Plan are paid from Plan assets and are included as a reduction in investment income.

**Estimates**

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America (U.S. GAAP) requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, and changes therein, and the disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

**Basis of accounting**

The financial statements of the Plan are prepared using the accrual method of accounting. Participant contributions and Applied matching contributions are recorded in the period during which Applied withholds the applicable payroll deductions from participants' eligible earnings. Benefits are recorded when paid.

**Plan year**

The Plan year is the twelve-consecutive month period beginning each January 1 and ending December 31.

## Note 1 - Significant accounting policies (continued)

### Investments

Plan assets are held in trust by Fidelity Trust and are invested in the investment options available under the Plan based solely upon instructions received from Plan participants or as provided in the Plan document. Except as described below, the Plan's investments are valued at fair value, as measured by quoted market prices, as of the last business day of the Plan year. Purchases and sales of securities are recorded on a trade-date basis and dividends are recorded on the ex-dividend date.

The BNY Mellon Stable Value Fund (the Stable Value Fund) is a separate account that holds investments solely for the benefit of the Plan participants. The Stable Value Fund holds a short term investment fund and fixed maturity and constant duration synthetic guaranteed investment contracts (GICs). The investments in synthetic GICs are presented at contract value.

In determining the net assets available for benefits, synthetic GICs are recorded at their contract values, which are equal to principal balance plus accrued interest. An investment contract is generally valued at contract value which represents contributions made under the contract, plus earnings, less participant withdrawals and administrative expenses. Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value.

Certain employer initiated events (e.g., layoffs, bankruptcy, plant closings, plan termination, mergers, early retirement incentives, employer communications designed to induce participants to transfer from the Stable Value Fund, competing fund transfer or violation of equity wash or equivalent rules in place and changes of qualification status of the employer or the Plan) are not eligible for book value disbursements even from fully benefit-responsive contracts. These events may cause liquidation of all or a portion of a synthetic GIC at a market value adjustment. If the likelihood of such a non-book value withdrawal event is imminent, it may be necessary to consider revaluation of those particular synthetic GICs. In general, synthetic GIC issuers may terminate the contract and settle at other than contract value if the qualification status of the employer or the Plan changes, or there is a breach of material obligations under the contract or misrepresentation of the contract holder, or failure of the underlying portfolio to conform to the pre-established investment guidelines.

The Stable Value Fund was made up of the following investment types at December 31, 2015 and 2014:

	December 31, 2015	December 31, 2014
	(In thousands)	
Investment type:		
Short term investment fund	\$ 10,402	\$ 10,116
Fixed maturity synthetic GICs	29,622	29,304
Constant duration synthetic GICs	177,358	159,665
	<u>\$ 217,382</u>	<u>\$ 199,085</u>

The short term investment fund is made up of cash, a portfolio of U.S. Government securities and/or repurchase agreements that are collateralized fully by either cash or government securities.

Generally, fixed maturity synthetic GICs consist of an asset or collection of assets that are owned by the Plan and a benefit-responsive, book value wrap contract. The wrap contract provides book value accounting for the asset and assures that book value, benefit-responsive payments will be made for participant-directed withdrawals. The crediting rate for the wrap contract is set at the beginning of the wrap contract period and typically resets every quarter. Generally, fixed maturity synthetic GICs are held to maturity. The initial crediting rate is established based on market interest rates at the time the initial asset is purchased.

Generally, constant duration synthetic GICs consist of a portfolio of securities owned by the Plan and a benefit-responsive, book value wrap contract. The wrap contract amortizes gains and losses of the underlying securities over the contract duration, and assures that book value, benefit-responsive payments are made for participant-directed withdrawals. The crediting rate on a constant duration synthetic GIC resets every quarter based on the book value of the contract and the market value of the underlying securities over the duration of the contract and therefore will be affected by movements in interest rates and changes in the market value of the underlying securities. The initial crediting rate is established based on market interest rates at the time the underlying portfolio of securities is put together.

## **Note 1 - Significant accounting policies (continued)**

The Stable Value Fund is credited with earnings on the underlying investments and charged for participant withdrawals and administrative expenses. The synthetic GICs issuers are contractually obligated to repay the principal and a specified interest rate that is guaranteed to the Plan.

### **Notes receivable from participants**

Notes receivable from participants (notes receivable) are measured at their unpaid principal balance plus any accrued but unpaid interest. Delinquent notes receivable are reclassified as distributions upon the occurrence of a distributable event based upon the Plan's terms.

### **Income taxes**

The Plan is intended to qualify for favorable federal and state income tax treatment accorded to plans that qualify under Section 401(a) of the Code, and therefore is intended to be exempt from federal income and state franchise taxes. The Plan has been amended subsequent to receipt of its most recent Internal Revenue Service (IRS) favorable determination letter dated September 24, 2013. The 401(k) Committee continues to believe that the Plan is currently designed and being operated in compliance with the applicable requirements of the Code. Therefore, no provision for income taxes has been included in the Plan's financial statements.

U.S. GAAP requires the Plan's management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon an examination by the IRS. No uncertain positions have been identified that would require the recognition of a tax liability (or asset) or disclosure in the financial statements as of December 31, 2015 and 2014. The Plan is subject to routine audits by applicable taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

### **Risks and uncertainties**

The Plan provides participants with investment options consisting of various mutual funds, common/collective trusts, separate accounts and the Stock Fund (which invests solely in shares of Applied common stock (Shares)). The mutual funds, common/collective trust and separate accounts offered under the Plan invest in stocks, bonds and other investment securities. Shares and other investment securities are exposed to risks, such as those associated with interest rates, market conditions and credit worthiness of the securities' issuers. These risks could materially affect participants' Plan account balances and the amounts reported in these financial statements.

### **Recent accounting pronouncements**

In May 2015, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) 2015-07, *Fair Value Measurement (Topic 820): Disclosures for Investments in Certain Entities That Calculate Net Asset Value per Share (or Its Equivalent)*. The ASU is effective for public business entities for fiscal years beginning after December 15, 2015, with earlier application permitted.

The amendments remove the requirement to categorize within the fair value hierarchy all investments for which fair value is measured using the net asset value (NAV) per share practical expedient. The ASU has been early adopted for the December 31, 2015 Plan year end; however, the retrospective approach requires that an investment for which fair value is measured using NAV be removed from the fair value hierarchy in all periods presented in the financial statements. Accordingly, the investment disclosures in Note 2 have been modified as of December 31, 2014 as well.



## Note 1 - Significant accounting policies (continued)

In July 2015, the FASB issued ASU 2015-12, *Plan Accounting: Defined Contribution Pension Plans (Topic 962) I. Fully Benefit-Responsive Investment Contracts; II. Plan Investment Disclosures, and III. Measurement Date Practical Expedient*. The amendments remove the requirement to:

- report fully benefit-responsive guaranteed investment contracts at fair value.
- disclose individual investments held which exceed 5% of net assets available for benefits.
- disclose net appreciation (depreciation) in fair value of investments by type of investment held.
- disaggregate investments reported in the fair value hierarchy table by class of investment. They may be presented by general type only.
- disclose investment strategy for investments for which fair value is measured using the NAV practical expedient, if they are Form 5500 Direct Filing Entities.

ASU 2015-12 has been early adopted for the December 31, 2015 Plan year end; however, the retrospective approach requires that the above items, applicable to the prior year, be presented in accordance with ASU 2015-12 as well.

## Note 2 - Fair value measurements

The fair value measurements standard establishes a framework for measuring fair value. That framework provides a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under the standard are described below:

Level 1 - Quoted market prices for identical assets or liabilities that the Plan has the ability to access.

Level 2 - Inputs other than Level 1 that are observable, either directly or indirectly, such as quoted prices for similar assets or liabilities, quoted prices in markets that are not active, or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities.

Level 3 - Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques should maximize the use of observable inputs and minimize the use of unobservable inputs.

The following is a description of the valuation methodologies used for fair value measurements of the Plan's investments. There have been no changes in the methodologies used at December 31, 2015 and 2014.

Mutual funds and shares in the Stock Fund are valued at the closing price reported on the active market on which these securities are traded.

The Fidelity Institutional Asset Management Core Plus Commingled Pool Class F Fund (previously known as the Pyramis Core Plus Commingled Pool Class F Fund), the Fidelity Growth Company Commingled Pool, the Fidelity Contrafund Commingled Pool, the T. Rowe Price Growth Stock Trust Class B, the Vanguard Target Retirement Income Trust II Fund and the various Vanguard Target Retirement Date Trust II funds, classified as common/collective trusts, are valued using their respective NAV practical expedient provided by the managers of the funds. The NAV practical expedient is based on the value of the underlying net assets owned by the applicable fund divided by the number of shares outstanding. These investments are not available in an exchange and active market, however, the fair values are determined based on the underlying investments as traded in an exchange and active market.

The Silvercrest Asset Management Small Cap Value Account and Fidelity Equity Income Unitized K Fund are classified as unitized common stock funds that are valued using the NAV practical expedient provided by the manager of the funds. These investments are not available in an exchange and active market, however, the fair values are determined based on the underlying investments as traded in an exchange and active market.

**Note 2 - Fair value measurements (continued)**

The valuation methodologies described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan administrator believes the valuation methodologies used are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

There were no transfers between the three fair value hierarchies during the years ended December 31, 2015 and 2014.

The following tables set forth by level, within the fair value hierarchy, the Plan's assets at estimated fair value as of December 31, 2015 and 2014:

	Assets at fair value as of December 31, 2015		
	Level 1	Level 2	Total
	(In thousands)		
Mutual funds	\$ 545,776	\$ —	\$ 545,776
Applied common stock	277,594	—	277,594
Total assets at fair value	<u>\$ 823,370</u>	<u>\$ —</u>	<u>\$ 823,370</u>
Investments measured at NAV practical expedient *			1,044,731
Investments at fair value			<u>\$ 1,868,101</u>

	Assets at fair value as of December 31, 2014		
	Level 1	Level 2	Total
	(In thousands)		
Mutual funds	\$ 1,053,629	\$ —	\$ 1,053,629
Applied common stock	386,164	—	386,164
Total assets at fair value	<u>\$ 1,439,793</u>	<u>\$ —</u>	<u>\$ 1,439,793</u>
Investments measured at NAV practical expedient *			483,773
Total assets at estimated fair value			<u>\$ 1,923,566</u>

\* In accordance with subtopic 820-10, certain investments that were measured at NAV practical expedient have not be classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statement of net assets available for benefits.

**Note 2 - Fair value measurements (continued)****Fair value of investments in entities that use NAV as a practical expedient**

The following table summarizes investments measured at fair value using NAV as a practical expedient per share as of December 31, 2015 and 2014, respectively.

	As of December 31, 2015			
	Fair Value (in thousands)	Unfunded Commitments	Redemption Frequency (if currently eligible)	Redemption Notice Period
Vanguard Target Retirement Income Trust II funds	\$ 385,253	N/A	Daily	None
Fidelity Growth Company Commingled Pool	96,137	N/A	Daily	Various **
Fidelity Contrafund Commingled Pool	198,784	N/A	Daily	Various **
T. Rowe Price Growth Stock Trust Class B	159,032	N/A	Daily	30 days
Fidelity Institutional Asset Management Core Plus Commingled Pool Class F *	92,467	N/A	Daily	Various **
Fidelity Equity Income Unitized K Fund	73,144	N/A	Daily	Various **
Silvercrest Asset Management Small Cap Value Account	39,914	N/A	Daily	None

\* Previously known as the Pyramis Core Plus Commingled Pool, Class F

\*\* Large cash flows require discussion with fund managers concerning dates and amounts of cash flows

	As of December 31, 2014			
	Fair Value (in thousands)	Unfunded Commitments	Redemption Frequency (if currently eligible)	Redemption Notice Period
Vanguard Target Retirement Income Trust II funds	\$ 346,537	N/A	Daily	None
Pyramis Core Plus Commingled Pool Class F ***	91,244	N/A	Daily	15 days
Silvercrest Asset Management Small Cap Value Account	45,992	N/A	Daily	None

\*\*\*As of November 20, 2015, this fund changed its name to Fidelity Institutional Asset Management Core Plus Commingled Pool Class F.

**Note 3 - Participation and benefits****Participant contributions**

The Plan allows eligible participants to elect to have Applied withhold up to 50% of their eligible compensation each payroll period for contribution to the Plan on a pre-tax basis (salary deferral contributions) and/or on a Roth basis (Roth deferral contributions), subject to an annual dollar limit established by the Code. The Plan also allows eligible participants who are age 50 or older during the Plan year to make additional catch-up contributions up to 50% of their eligible compensation each payroll period during the year on a pre-tax and/or Roth basis, subject to an annual dollar limit established by the Code.

Salary deferral contributions are contributions of an eligible participant's eligible compensation that are not taxable to the participant for federal (and most state) income tax purposes at the time they are contributed to the Plan, but are generally taxable as ordinary income, along with any earnings on them, when distributed from the Plan. Roth deferral contributions are contributions of an eligible participant's eligible compensation that are made on an after-tax basis for federal (and most state) income tax purposes. Roth deferral contributions generally will be distributed from the Plan tax free and, if certain requirements are met, any earnings on them can be distributed from the Plan tax free.

### **Note 3 - Participation and benefits (continued)**

Participants are also allowed to make rollover contributions of eligible amounts received from other eligible employer plans or eligible individual retirement accounts, as set forth in the Plan.

Employees who are newly-hired or rehired as eligible employees or who transfer to eligible employee status automatically are enrolled in the Plan at a 6% salary deferral contribution rate, effective as soon as administratively practicable after the end of the 60-day period following the date of their hire/rehire or transfer to eligible employee status, unless they elect otherwise within that 60-day period in accordance with the Plan's procedures.

#### **Applied's matching contributions**

Participants in the Plan become eligible to receive Applied's matching contributions immediately upon their enrollment and election (or deemed election) to make contributions to the Plan.

Applied matches 100% of participant salary deferral and/or Roth deferral contributions (collectively, 401(k) contributions) up to the first 3% of eligible compensation contributed each payroll period and then 50% of every dollar between 4% and 6% of eligible compensation contributed each payroll period. Applied does not make matching contributions on any catch-up contributions made by participants.

In addition, Applied makes a special annual "reconciling match" contribution designed to maximize the amount of matching contributions that eligible participants may receive under the Plan. Participants are eligible for the reconciling match contribution for a Plan year if they are employed by Applied or one of its affiliates on the last day of the Plan year or they ceased to be so employed solely due to death or qualifying disability. After the end of the Plan year, an eligible participant's total matching contributions for that year will be recalculated on an annual basis using the matching contribution formula in effect for that Plan year. Any difference between this amount and the matching contributions previously contributed on his or her behalf on a pay period basis is contributed subsequent to year end and is accrued as an employer contribution receivable on the Statements of Net Assets Available for Benefits.

Applied may change the matching contribution rate at any time, subject to the limits of the Plan and the Code. Applied's matching contributions (if any) are made in the form of cash.

#### **Participant accounts**

Each participant's account is credited with the participant's contributions; his or her portion of Applied's matching contributions (if any) and any investment earnings or losses thereon.

#### **Investment direction**

The Plan allows participants (or their beneficiaries) to direct the investment of their Plan account balances in any of the investment options available under the Plan.

Prior to December 31, 2015, participants could invest no more than 20% of their future contributions in the Stock Fund and could make an exchange into the Stock Fund only to the extent it does not result in more than 20% of their total Plan account balances being invested in the Stock Fund (determined at the time of the exchange). See Note 4.

If a participant fails to choose an investment option for the contributions to his or her Plan account, such funds automatically are invested in the Plan's default fund (the Default Fund) until the participant selects a different investment option available under the Plan. The Default Fund is the designated Vanguard Target Retirement Trust II fund with a target retirement date closest to the year in which the participant might retire, based on his or her date of birth and assuming a retirement age of 65 (the Applicable Target Date). In the case of any future cash dividends that are payable with respect to Shares held in the Stock Fund, if a participant has not made an affirmative election to either have the dividends reinvested in the Stock Fund or paid directly to him or her in cash before the dividend payment date, then the dividends automatically are reinvested in the Stock Fund.

Participants may change their investment elections under the Plan generally at any time, in accordance with the procedures established by the 401(k) Committee and Fidelity Trust.

### **Note 3 - Participation and benefits (continued)**

#### **Payment of benefits**

Upon a Plan participant's termination of employment with Applied and all of its affiliates, the participant (or his or her beneficiary) may elect to receive a lump-sum cash distribution of his or her vested account balance. A terminated participant (or beneficiary) may also elect to receive whole shares for any portion of his or her vested account balance that is invested in the Stock Fund. A terminated participant whose account balance under the Varian Semiconductor Equipment Associates, Inc. (Varian) Retirement Plan (the Varian Plan) was transferred to the Plan upon the merger of the Varian Plan with and into the Plan, (effective as of market close on December 31, 2012), may also generally elect to receive a distribution of his or her vested transferred Varian Plan account balance in the form of "on demand" withdrawals. Participants with vested account balances from certain other plans that merged into the Plan from time to time also have certain additional withdrawal and distribution options.

In accordance with applicable laws and the Plan's terms, a distribution of a Plan participant's vested account balance must be made or commenced no later than the April 1 immediately following the calendar year in which he or she attains age 70.5 or terminates employment with Applied and all of its affiliates, whichever is later. A participant's beneficiary must receive a distribution of the participant's entire vested account balance no later than the December 31 of the year that includes the fifth anniversary of the date of the participant's death.

Notwithstanding the foregoing, if a terminated participant's (or beneficiary's) vested account balance is equal to or less than \$1 thousand, a lump-sum payment of the vested account balance automatically will be distributed.

In accordance with the Plan's terms, a participant may receive an in-service withdrawal from certain portions of his or her vested account balance upon financial hardship (as defined in the Plan) or attainment of age 59.5, and from his or her rollover contributions account. A participant who receives a financial hardship withdrawal will be: (1) suspended from active participation in the Plan, (2) prohibited from exercising any option for Shares granted under an Applied-sponsored plan or participating in Applied's Employees' Stock Purchase Plan, and (3) generally suspended from making any other elective or employee contributions under any other plan maintained by Applied or its affiliates, for a period of at least six months following the withdrawal.

Distributions and withdrawals from the Plan are subject to any applicable taxes and/or penalties.

#### **Notes receivable from participants**

The Plan allows active participants to borrow from their eligible account balances up to the lesser of the following: (1) \$50 thousand, less their highest outstanding notes receivable balance under the Plan and any other similar plan of any Applied affiliate during the previous 12 months, or (2) 50% of their vested account balances (including the vested portion of Applied's matching contributions). Notes receivable are secured by the participants' vested balances, and generally must be repaid to the Plan from bi-weekly payroll deductions over the term, which is generally a minimum of one year and a maximum of five years. Effective as of January 1, 2013, loans used by a participant for the purchase of his or her principal residence may have a term up to fifteen years. In addition, the interest rate charged at the time of the borrowing increased from the prime rate plus one percent to the prime rate plus two percent. Notes receivable may generally continue to be repaid through a monthly payment schedule upon a participant's termination of employment from Applied and all of its affiliates, or the occurrence of certain other events. Specific notes receivable terms and conditions are established by the 401(k) Committee or its authorized delegates. Outstanding notes receivable at December 31, 2015 carry interest rates ranging from 4.25% to 9.25% maturing through 2030.

#### **Vesting**

Participants are 100% vested in their 401(k) contributions, catch-up and/or any rollover contributions under the Plan, and any related earnings thereon.

Participants who are employed by Applied or any of its affiliates on or after January 1, 2010 are 100% vested in their Applied matching contribution account balances. Participants who terminated employment with Applied and its affiliates before January 1, 2010 and had two years of credited service as defined by the Plan became vested 20% each year in Applied's matching contributions (if any) allocated to their accounts, and became fully vested after six years of credited service. Former employees of certain acquired companies have different vesting schedules according to the original vesting schedules under their former employer's plan.

**Note 3 - Participation and benefits (continued)**

Affected participants who are not already fully vested in their Plan account balances will become fully vested upon any termination of the Plan.

If a participant has terminated his or her employment with Applied and its affiliates prior to becoming fully vested, the unvested portion of his or her matching contribution account balance will generally be forfeited. Forfeitures can be used to offset Applied's matching contributions, reinstate any previously forfeited matching contribution balances, and reinstate any closed account balances under the Plan. Forfeitures used to offset Applied's matching contributions during 2015 and 2014 were not material to the Plan's financial statements. Forfeitures in the amount of \$400 thousand were used as a reduction of employer contributions receivable in the Statements of Net Assets Available for Benefits as of December 31, 2014.

As of December 31, 2015 and 2014, forfeited nonvested accounts totaled \$123 thousand and \$473 thousand, respectively. Any forfeitures under the Plan also may be used to pay for Plan administrative expenses.

**Note 4 - Party-in-interest and related party transactions**

As allowed by the Plan, participants may elect to invest their Plan account balances in the Stock Fund. The Stock Fund invests solely in Shares. Aggregate investment in Shares at December 31, 2015 and 2014 were as follows:

	<u>Number of shares</u>	<u>Fair value</u>
		(In thousands)
2015	14,827,987	\$ 277,594
2014	15,473,501	\$ 386,164

Effective December 31, 2015, the Plan has frozen the Applied Materials, Inc. Common Stock Fund (Stock Fund) option such that no future contributions may be invested in and no exchanges of account balances may be made into the Stock Fund after that time. It is anticipated that the Stock Fund will close on December 31, 2017 and all shares not sold prior to this date will be automatically invested in the Plan's default investment fund.

Certain Plan investments are managed by Fidelity Trust, the custodian and trustee of the Plan, or its affiliates. Any purchases and sales of these funds are performed in the open market. Such transactions, while considered party-in-interest transactions under ERISA regulations, are permitted under the provisions of the Plan and are specifically exempt from the prohibition of party-in-interest transactions under ERISA.

**Note 5 - Non-participant directed investments**

As discussed in Note 3, the Plan allows participants (or their beneficiaries) to direct the investment of their account balances in any of the available investment options under the Plan. If a participant fails to choose an investment option for the contributions to his or her Plan account, such funds automatically are invested in the Default Fund until he or she selects a different investment option available under the Plan. In the case of any future cash dividends that are payable with respect to Shares held in the Stock Fund, if a participant (or beneficiary) fails to make an affirmative dividend election before the dividend payment date, the dividends automatically are reinvested in the Stock Fund.

**Note 6 - Plan termination or modification**

Applied currently intends to continue the Plan indefinitely for the benefit of its participants and their beneficiaries; however, it reserves the right to terminate or modify the Plan at any time and for any reason, subject to the provisions of ERISA. As noted earlier, in the event the Plan is terminated, affected participants who are not already fully vested in their accounts will become fully vested.

**Note 7 - Reconciliation of financial statements to Form 5500**

The following is a reconciliation of net assets available for benefits per the financial statements at December 31, 2015 and 2014 to Form 5500:

	2015	2014
	(In thousands)	
Net assets available for benefits per the financial statements	\$ 2,108,112	\$ 2,143,820
Adjustment from fair value to contract value for fully benefit-responsive investment contracts	—	4,127
Adjustment for benefits payable	(25)	—
Net assets available for benefits per Form 5500	<u>\$ 2,108,087</u>	<u>\$ 2,147,947</u>

The following is a reconciliation of the affected components of the changes in net assets available for benefits per the financial statements to total the Form 5500 for the year ended December 31, 2015 :

	2015
	(In thousands)
Total investment and other income (loss), net per financial statements	\$ (62,386)
Adjustment to investment and other income (loss), net	(4,127)
Total net investment income (loss) per the Form 5500	<u>\$ (66,513)</u>

	2015
	(In thousands)
Withdrawals, distributions and expenses per financial statements	\$ 95,158
Adjustment for benefits payable	25
Total deductions from net assets per Form 5500	<u>\$ 95,183</u>

**Note 8 - Subsequent events**

Effective January 1, 2016, eligible participants will have the opportunity to make after-tax contributions to the Plan, and to convert certain eligible non-Roth accounts to Roth accounts within the Plan. Also effective January 1, 2016, Plan participants will pay an annual flat fee (deducted quarterly from their accounts in the Plan) for the Plan's cost of recordkeeping.

**APPLIED MATERIALS, INC. EIN: 94-1655526  
EMPLOYEE SAVINGS AND RETIREMENT PLAN (PLAN #333)**

**SUPPLEMENTARY INFORMATION  
SCHEDULE H, PART IV, LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)  
DECEMBER 31, 2015**

(a)	(b) Identity of issue, borrower, lessor or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value (1)		(e) Current value (In thousands)
*	Spartan 500 Index Fund – Institutional Class	1,992,301	shares	\$ 143,067
	Morgan Stanley Institutional Fund, Inc. – International Equity IS Fund	5,796,061	shares	87,521
	American Funds EuroPacific Growth R6 Fund	674,259	shares	30,558
	Eagle Small Cap Growth Fund Class R6	550,825	shares	28,367
	Vanguard Mid-Cap Index Fund – Institutional Plus Shares	985,225	shares	159,636
	Vanguard Small-Cap Index Fund – Institutional Plus Shares	631,053	shares	96,627
		Total mutual funds		\$ 545,776



**APPLIED MATERIALS, INC. EIN: 94-1655526  
EMPLOYEE SAVINGS AND RETIREMENT PLAN (PLAN #333)**

**SUPPLEMENTARY INFORMATION  
SCHEDULE H, PART IV, LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR) - Continued  
DECEMBER 31, 2015**

(a)	(b) Identity of issue, borrower, lessor or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value (1)		(e) Current value (In thousands)
*	Applied Materials, Inc. Common Stock Fund	14,827,987	shares	\$ 277,594
	BNY Mellon Stable Value Fund:			
	Transamerica Insurance Company of America		Guaranteed investment contract	51,162
	Pacific Life Insurance Company		Guaranteed investment contract	47,525
	Prudential Insurance Company of America		Guaranteed investment contract	57,202
	RGA Reinsurance Company		Guaranteed investment contract	51,333
*	Fidelity Short Term Investment Fund		Government money market portfolio	10,402
	Net Fund Liabilities		Other	(242)
		Total stable value fund holdings		\$ 217,382
*	Fidelity Institutional Asset Management Core Plus Commingled Pool Class F**	5,165,781	shares	\$ 92,467
*	Fidelity Growth Company Commingled Pool	7,406,557	shares	96,137
*	Fidelity Contrafund Commingled Pool	17,121,808	shares	198,784
	T. Rowe Price Growth Stock Trust Class B	6,822,466	shares	159,032
	Vanguard Target Retirement Income Trust II	377,440	shares	11,218
	Vanguard Target Retirement 2010 Trust II	174,317	shares	4,785
	Vanguard Target Retirement 2015 Trust II	614,963	shares	16,832
	Vanguard Target Retirement 2020 Trust II	1,836,345	shares	49,471
	Vanguard Target Retirement 2025 Trust II	3,042,376	shares	80,258
	Vanguard Target Retirement 2030 Trust II	3,209,849	shares	82,622
	Vanguard Target Retirement 2035 Trust II	2,459,063	shares	63,173
	Vanguard Target Retirement 2040 Trust II	1,422,046	shares	37,059
	Vanguard Target Retirement 2045 Trust II	745,362	shares	19,409
	Vanguard Target Retirement 2050 Trust II	500,137	shares	13,079
	Vanguard Target Retirement 2055 Trust II	145,569	shares	5,098
	Vanguard Target Retirement 2060 Trust II	81,521	shares	2,249
		Total common/collective trusts		\$ 931,673
*	Fidelity Equity Income Unitized K Fund	7,560,111	units	73,144
	Silvercrest Asset Management Small Cap Value Account	3,760,107	units	39,914
		Total unitized stock funds		\$ 113,058
*	Participant loans	Interest at 4.25% to 9.25%, maturing through 2030		\$ 20,466
			Total	\$ 2,105,949

(1) Column (d), cost information, is not provided as all investments are participant or beneficiary directed (including negative elections authorized under the Plan's terms).

\* Indicates party-in-interest to the Plan.

\*\* Previously known as the Pyramis Core Plus Commingled Pool Fund Class F

**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the administrative committee has duly caused this Annual Report to be signed on its behalf by the undersigned hereunto duly authorized.

APPLIED MATERIALS, INC.  
EMPLOYEE SAVINGS AND RETIREMENT PLAN

June 23, 2016

By: /s/ Greg Lawler

Greg Lawler

*Corporate Vice President, Global Rewards*

**EXHIBIT INDEX**

<b>Exhibit No.</b>	<b>Description</b>
23.1	Consent of Independent Registered Public Accounting Firm

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in the Registration Statements on Form S-8 (No. 333-124711) pertaining to the Applied Materials, Inc. Employee Savings and Retirement Plan, of our report dated June 23, 2016, with respect to the financial statements and supplemental schedule of the Applied Materials, Inc. Employee Savings and Retirement Plan included in this Annual Report (Form 11-K) for the year ended December 31, 2015.

ARMANINO<sup>LLP</sup>  
San Francisco, California

June 23, 2016