

SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 11-K

[X] ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934 (NO FEE REQUIRED)

For the fiscal year ended December 31, 2000

OR

[] TRANSITION REPORT PURSUANT TO SECTION 15(d) OF
THE SECURITIES EXCHANGE ACT OF 1934 (NO FEE REQUIRED)

For the transition period from _____ to _____

Commission file number: 1-12744

MARTIN MARIETTA MATERIALS, INC.
PERFORMANCE SHARING PLAN

(Full title of the plan and the address of the plan,
if different from that of the issuer named below)

MARTIN MARIETTA MATERIALS, INC.
2710 WYCLIFF ROAD
RALEIGH, NORTH CAROLINA 27607

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

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FINANCIAL STATEMENTS

Martin Marietta Materials, Inc. Performance Sharing Plan

DECEMBER 31, 2000 AND 1999 AND YEAR ENDED DECEMBER 31, 2000 WITH REPORT OF
INDEPENDENT AUDITORS

Martin Marietta Materials, Inc.
Performance Sharing Plan

Audited Financial Statements

December 31, 2000 and 1999 and year ended December 31, 2000

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Report of Independent Auditors

Martin Marietta Materials, Inc., as Plan Administrator

We have audited the accompanying statements of net assets available for benefits of the Martin Marietta Materials, Inc. Performance Sharing Plan as of December 31, 2000 and 1999, and the related statement of changes in net assets available for benefits for the year ended December 31, 2000. These financial statements are the responsibility of Martin Marietta Materials, Inc., as Plan Administrator. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as 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 at December 31, 2000 and 1999, and the changes in its net assets available for benefits for the year ended December 31, 2000 in conformity with accounting principles generally accepted in the United States.

/s/ ERNST & YOUNG LLP

June 8, 2001
Raleigh, North Carolina

Martin Marietta Materials, Inc.
Performance Sharing Plan

Statements of Net Assets Available for Benefits

	DECEMBER 31	
	----- 2000	1999 -----
	(IN THOUSANDS)	
ASSETS		
Cash	\$ --	\$ 2,170
Interest in Master Trust, at fair value	113,192	113,777
Contributions receivable:		
Employees	422	398
Martin Marietta Materials, Inc.	151	140
	-----	-----
Net assets available for benefits	\$113,765	\$116,485
	=====	=====

SEE ACCOMPANYING NOTES.

Martin Marietta Materials, Inc.
Performance Sharing Plan

Statement of Changes in Net Assets Available for Benefits

Year ended December 31, 2000

(IN THOUSANDS)

Net assets available for benefits at beginning of year	\$116,485
Additions to net assets attributed to:	
Contributions:	
Employees	5,265
Martin Marietta Materials, Inc.	1,854
Rollovers	607

Total contributions	7,726
Deductions from net assets attributed to:	
Distributions and withdrawals	8,120
Interest in net investment loss of Master Trust	1,860
Administrative expenses	466

Total deductions	10,446

Net assets available for benefits at end of year	\$113,765
	=====

SEE ACCOMPANYING NOTES.

Martin Marietta Materials, Inc.
Performance Sharing Plan

Notes to Financial Statements

December 31, 2000

1. ACCOUNTING POLICIES

The financial statements of the Martin Marietta Materials, Inc. Performance Sharing Plan (the "Plan") are prepared on the accrual basis of accounting. No liability is recorded for distributions to participants who terminated during the year but have chosen to defer payments to the following year. The assets of the plan are held and invested on a commingled basis in the Martin Marietta Materials, Inc. Defined Contribution Plans Master Trust (the "Master Trust") along with the assets of the Martin Marietta Materials, Inc. Savings and Investment Plan for Hourly Employees. The Plan's interest in the Master Trust is stated at the fair value of the underlying net assets in the Master Trust. Fair values of the underlying net assets are determined by closing prices on the last business day of the year for those securities traded on national exchanges, at the most recent sales prices for those securities traded in over-the-counter markets and at fair value as determined by the trustee for securities for which there is not an established market. The assets, realized and unrealized gains and losses and investment income of the Master Trust are allocated among the participating plans on a pro rata basis. All administrative expenses, a portion of which are paid by Martin Marietta Materials, Inc. (the "Corporation"), are otherwise paid by the Master Trust and allocated to each of the participating plans.

The preparation of financial statements in conformity with accounting principles generally accepted in the United States requires management to make estimates, in particular the determination of fair values of investments for which market values are not readily available. Actual results could differ from those estimates.

2. DESCRIPTION OF THE PLAN

The following description of the Plan provides only general information. Participants should refer to the summary plan description for a more complete description of the Plan's provisions.

The Plan is a defined contribution plan providing eligible salaried employees of the Corporation an opportunity to participate in an individual savings and investment program providing tax deferred savings. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA). Martin Marietta Materials, Inc. is the Plan's sponsor and also serves as the Plan administrator.

Martin Marietta Materials, Inc.
Performance Sharing Plan

Notes to Financial Statements (continued)

2. DESCRIPTION OF THE PLAN (CONTINUED)

Employees are eligible to enroll in the Plan after six months of service. Employee participation requires employee basic contributions of 1% to 7% of base salary (as defined in the Plan and subject to applicable Internal Revenue Code ("IRC") limitations on allowable compensation). Participants may also elect to make additional supplemental contributions, which are not considered for purposes of computing the employer match. A participant's combined basic and supplemental contributions may not exceed 17% of that participant's base pay. Generally, a participant's before-tax contributions may not exceed 15% of base pay, subject to certain restrictions for highly compensated employees.

The Corporation matches the participants' annual basic contribution (the first 7% of base pay). The amount of the Corporation's match is equal to 50% of the basic contributions and is credited to participant accounts monthly. All participants are 100% vested in the value of their accounts, including employer contributions.

During 2000 and 1999, the participants' investment options included the Yield-Enhanced Short-Term Investment Fund, S&P 500 Index Fund, Martin Marietta Materials Common Stock Fund, Harbor Capital Appreciation Fund, Daily Bond Market Fund, Vanguard Windsor Fund and Vanguard International Growth Fund.

Participants may change the overall percentage of their contributions in 1% increments and may change investment elections for future before-tax, after-tax and matching contributions, both up to once per month. Any changes in investment elections must be made in 5% increments. In addition, participants may change the investment mix of the accumulated value of prior contributions among the investment options - daily, but are limited to 12 changes in a calendar year, provided that the participant has one transfer in a calendar quarter, regardless of the limitation.

Martin Marietta Materials, Inc.
Performance Sharing Plan

Notes to Financial Statements (continued)

2. DESCRIPTION OF THE PLAN (CONTINUED)

The Plan provides for participants to borrow from the money in his or her own investment account. All loans must meet specific terms and conditions of the Plan and are subject to applicable IRC regulations. Personal loans are available to participants in terms of up to 5 years, and primary residence loans are available for terms of up to 15 years. Such loans bear interest at a fixed rate, established upon loan request, which is equal to the annual prime rate (based upon corporate borrowing rates posted by at least 75% of the nation's 30 largest banks, as reported in THE WALL STREET JOURNAL on the first business day of the calendar month before loan application) plus 1%. All loans are due in full immediately upon termination of employment. Approximately \$819,000 and \$665,000 was loaned to participants during 2000 and 1999, respectively. In addition, the Plan provides for in-service withdrawals to participants that meet specific conditions of financial hardship, as defined in the Plan and in accordance with current specific regulations under the IRC. Participants who are still working at the age of 59 1/2 may qualify for special withdrawal rights and privileges as defined in the Plan.

Upon separation from the Corporation, participants may receive the full current value of their contributions and the matching employer contributions. Participants who have attained age 55 may receive their distributions in the form of a lump-sum payment or in annual installments over a period of up to 25 years. The accounts of participants who receive installment payments remain invested in the funds indicated by the participant.

State Street Bank and Trust Company is the trustee of the Master Trust and recordkeeper of the Master Trust and Plan.

Although the Corporation expects to continue the Plan indefinitely, the Board of Directors of the Corporation may terminate the Plan for any reason at any time. If the Plan is terminated, each participant or former participant shall receive a payment equal to the value of the participant's account.

3. INCOME TAX STATUS

The Plan received a determination letter from the Internal Revenue Service dated March 18, 1998, stating that the Plan is qualified under Section 401(a) of the Internal Revenue Code (the "Code") and, therefore, the related trust is exempt from taxation. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualification. The Plan Administrator believes the Plan is being operated in compliance with the applicable requirements of the Code and, therefore, believes that the Plan is qualified and the related trust is tax exempt.

Martin Marietta Materials, Inc.
Performance Sharing Plan

Notes to Financial Statements (continued)

4. MASTER TRUST

The Plan's interest in the Master Trust's net assets as of December 31, 2000 and 1999, was 79.93% and 82.50%, respectively. The Plan's interest in the Master Trust did not fluctuate significantly throughout the years ended December 31, 2000 and 1999. An analysis of investments and related investment income for the Master Trust is as follows:

	2000		
	INTEREST AND DIVIDENDS	NET APPRECIATION (DEPRECIATION) IN FAIR VALUE DURING YEAR	FAIR VALUE AT END OF YEAR
	(IN THOUSANDS)		
Cash and cash equivalents	\$ 2,346	\$ --	\$ 39,787
Governmental bonds	--	141	1,569
Corporate bonds	--	147	1,633
Common stocks	4,270	(9,027)	95,273
Other	114	--	2,991
	-----	-----	-----
	\$ 6,730	\$ (8,739)	\$ 141,253
	=====	=====	=====

	1999		
	INTEREST AND DIVIDENDS	NET DEPRECIATION IN FAIR VALUE DURING YEAR	FAIR VALUE AT END OF YEAR
	(IN THOUSANDS)		
Cash and cash equivalents	\$ 1,758	\$ --	\$ 35,191
Governmental bonds	--	--	2,027
Corporate bonds	--	--	1,467
Common stocks	2,835	(1,606)	96,033
Other	123	--	2,449
	-----	-----	-----
	\$ 4,716	\$ (1,606)	\$ 137,167
	=====	=====	=====

SIGNATURES

THE PLAN. Pursuant to the requirements of the Securities Exchange Act of 1934, the trustee of the below named plan has duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

MARTIN MARIETTA MATERIALS, INC.
PERFORMANCE SHARING PLAN

By: Martin Marietta Materials, Inc.
Plan Administrator

By: Benefit Plan Committee

By: /s/ Janice K. Henry

Janice K. Henry

Date: June 28, 2001

EXHIBIT INDEX

EXHIBIT NO.

DOCUMENT

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Consent of Ernst & Young LLP

CONSENT OF INDEPENDENT AUDITORS

We consent to the incorporation by reference in the Registration Statement (Form S-8 No. 33-83516) pertaining to the Martin Marietta Materials, Inc. Omnibus Securities Award Plan, as amended; in the Registration Statement (Form S-8 No. 333-15429) pertaining to the Martin Marietta Materials, Inc. Common Stock Purchase Plan for Directors, Martin Marietta Materials, Inc. Performance Sharing Plan and the Martin Marietta Materials, Inc. Savings and Investment Plan for Hourly Employees; in the Registration Statement (Form S-8 No. 333-79039) pertaining to the Martin Marietta Materials, Inc. Stock-Based Award Plan, as amended; in the Registration Statement (Form S-8 No. 333-37886) pertaining to the Martin Marietta Materials, Inc. Southwest Division 401(k) Plan; and in the Registration Statement (Form S-4 No. 333-61454) pertaining to the registration of \$250,000,000 of Notes due 2011, of our report dated June 8, 2001, with respect to the financial statements of the Martin Marietta Materials, Inc. Performance Sharing Plan included in this Annual Report (Form 11-K) for the year ended December 31, 2000.

ERNST & YOUNG LLP

Raleigh, North Carolina
June 25, 2001