

MUNIVEST FUND INC

Form N-PX

August 04, 2004

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM N-PX

ANNUAL REPORT OF PROXY VOTING RECORD OF REGISTERED
MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-05611

Name of Fund: MuniVest Fund, Inc.

Fund Address: P.O. Box 9011
Princeton, NJ 08543-9011

Name and address of agent for service:

Terry K. Glenn, President, MuniVest Fund, Inc., 800 Scudders
Mill Road, Plainsboro, NJ, 08536. Mailing address: P.O.
Box 9011, Princeton, NJ, 08543-9011

Registrant's telephone number, including area code: (609) 282-2800

Date of fiscal year end: 08/31/2004

Date of reporting period: 07/01/03 - 06/30/04

Item 1 - Proxy Voting Record - The Fund held no voting securities
during the period covered by this
report.
No records are attached.

Pursuant to the requirements of the Investment Company Act of 1940,
the registrant has duly caused this report to be signed on its
behalf by the undersigned, thereunto duly authorized.

MuniVest Fund, Inc.

By: /s/ Terry K. Glenn
Terry K. Glenn,
President of MuniVest Fund, Inc.

Date: August 4, 2004