

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: 811-02189

PIMCO New York Municipal Income Fund III  
(Exact name of registrant as specified in charter)

1345 Avenue of the Americas, New York, NY 10105  
(Address of Principal Executive Office)

Allianz Global Investors Fund Management LLC  
1345 Avenue of the Americas  
New York, NY 10105  
(Name and Address of Agent for Service)

Registrant's telephone number, including area code: 212-739-3000

Date of fiscal year end: September 30

Date of reporting period: July 1, 2008 through June 30, 2009

ITEM 1. PROXY VOTING RECORD

\*\*\*\*\* FORM N-Px REPORT \*\*\*\*\*

ICA File Number: 811-02189  
Reporting Period: 07/01/2008 - 06/30/2009  
PIMCO New York Municipal Income Fund III

===== PIMCO NEW YORK MUNICIPAL INCOME FUND III =====

There is no proxy voting activity for the fund, as the fund did not hold any  
votable positions during the reporting period.  
===== END NPX REPORT

SIGNATURES

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.

(Registrant): PIMCO New York Municipal Income Fund III

By (Signature and Title)\*: Brian Shlissel  
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Name: Brian Shlissel  
Title: President and Chief Executive Officer

Date: August 31, 2009

\* Print the name and title of each signing officer under his or her signature.