NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC Form SC 13G/A February 17, 2015

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934
(Amendment No.1) *
NUVEEN PREMIUM INCOME MUNICIPAL FUND 4 INC
(Name of Issuer)
Common Stock
(Title of Class of Securities)
6706K4105
(CUSIP Number)
December 31, 2014
(Date Of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [x] Rule 13d-1(b)
 [] Rule 13d-1(c)
 [] Rule 13d-1(d)
- * The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1745 (3-06)

CUSIP	No.6706K410	5			13G			Page 2	2 of	8 1	Pages
1.	NAME OF REPORTING PERSON: I.R.S. IDENTIFICATION NO. OF ABOVE PERSON:										
	Morgan Stanley I.R.S. #36-3145972										
2.	CHECK THE	APPROI	PRIATE BOX	IF	A MEMBER	OF A	GROUP:				
	(a) []										
	(b) []										
3.	SEC USE ON	LY:									
4.	CITIZENSHI										
	The state o	of or	ganization 	is	Delaware.						
5	MBER OF SHARES EFICIALLY	5.	SOLE VOTI 1,622,487		POWER:						
OWNED BY EACH			SHARED VC 731,968	TING	F POWER:						
	PORTING PERSON WITH:	7.	SOLE DISP	OSIT	CIVE POWER	₹:					
		8.	SHARED DI 1,695,866		SITIVE POW	IER:					
9.	AGGREGATE 2,427,833	AMOUN'	T BENEFICI	ALLY	OWNED BY	Z EACH	REPORTING	F PERSON:			
10.	CHECK BOX	IF TH	E AGGREGAT	E AM	MOUNT IN F	ROW (9) EXCLUDES	CERTAIN	SHAF	RES	:
	[]										
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9): 5.6%										
12.	TYPE OF REPORTING PERSON: HC, CO										
CUSIP	No.6706K410	5		1	.3G			Page 3	3 of	8 1	Pages
1.	NAME OF REI				ABOVE PER	RSON:					_
	Morgan Star			ey I	LLC						

2.	CHEC	K THE A	APPRO	PRIATE BOX IF A MEMBER OF A GROUP:	
	(a)	[]			
	(b)	[]			
3.	SEC (JSE ONI	LY:		
4.	CITIZ	ZENSHII	or	PLACE OF ORGANIZATION:	
	The s	state o	of or	ganization is Delaware.	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:		5.	SOLE VOTING POWER: 1,622,487		
			SOLE DISPOSITIVE POWER:		
			8.	SHARED DISPOSITIVE POWER: 1,695,866	
9.		EGATE A	AWOUN	T BENEFICIALLY OWNED BY EACH REPORTING F	PERSON:
10.	CHEC	K BOX	IF TH	E AGGREGATE AMOUNT IN ROW (9) EXCLUDES (CERTAIN SHARES:
	[]				
11.	PERCI 5.6%	ENT OF	CLAS	S REPRESENTED BY AMOUNT IN ROW (9):	
12.	TYPE BD	OF REI	PORTI	NG PERSON:	
CUSIP	No.670	06K410	5	13G	Page 4 of 8 Pages
 Item 1		(a)	Name	of Issuer:	
			NUVE	EN PREMIUM INCOME MUNICIPAL FUND 4 INC	
		(b)	 Addr	ess of Issuer's Principal Executive Offi	 Lces:
				W WACKER DR AGO IL 60606	
Item 2		(a)	Name	of Person Filing:	
				Morgan Stanley Morgan Stanley Smith Barney LLC	
		(b)	Addr	ess of Principal Business Office, or if	None, Residence:

			1585 Broadway New York, NY 10036 1585 Broadway New York, NY 10036	
	(c)	Cit	izenship:	
			The state of organization is Delaware. The state of organization is Delaware.	
	(d)	Tit	le of Class of Securities:	
		Cor	nmon Stock	
	(e)	CUS	GIP Number:	
		670	06K4105 	
Item 3.			statement is filed pursuant to Sections 240 2(b) or (c), check whether the person filin	
	(a) [[x]	Broker or dealer registered under Section (15 U.S.C. 780). Morgan Stanley & Co. Incorporated	15 of the Act
	(b) [[]	Bank as defined in Section $3(a)(6)$ of the (15 U.S.C. 78c).	Act
	(c) [[]	<pre>Insurance company as defined in Section 3 (15 U.S.C. 78c).</pre>	(a)(19) of the Act
	(d) [[]	Investment company registered under Section Investment Company Act of 1940 (15 U.S.C.	
	(e) [[]	An investment adviser in accordance with \$240.13d-1(b)(1)(ii)(E);	Section
	(f) [[]	An employee benefit plan or endowment fund with Section 240.13d-1(b)(1)(ii)(F);	l in accordance
	(g) [[x]	A parent holding company or control person with Section 240.13d-1(b)(1)(ii)(G); Morgan Stanley	n in accordance
	(h) [[]	A savings association as defined in Section Federal Deposit Insurance Act (12 U.S.C. 1	
	(i) [[]	A church plan that is excluded from the deinvestment company under Section 3(c)(14) Investment Company Act of 1940 (15 U.S.C.	of the
	(j) [[]	Group, in accordance with Section 240.13d-	-1(b)(1)(ii)(J).
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Item 4. Ownership as of December 31, 2014.*

(a) Amount beneficially owned:

See the response(s) to Item 9 on the attached cover page(s).

- (b) Percent of Class: See the response(s) to Item 11 on the attached cover page(s).
- (c) Number of shares as to which such person has:
 - Sole power to vote or to direct the vote: See the response(s) to Item 5 on the attached cover page(s).
 - (ii) Shared power to vote or to direct the vote: See the response(s) to Item 6 on the attached cover page(s).
 - (iii) Sole power to dispose or to direct the disposition of: See the response(s) to Item 7 on the attached cover page(s).
 - (iv) Shared power to dispose or to direct the disposition of: See the response(s) to Item 8 on the attached cover page(s).
- Ownership of Five Percent or Less of a Class.

Not Applicable

Ownership of More Than Five Percent on Behalf of Another Person. Item 6.

Not Applicable

Item 7. Identification and Classification of the Subsidiary which Acquired the Security Being Reported on By the Parent Holding Company.

See Exhibit 99.2

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Certification. Item 10.

> By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

* In Accordance with the Securities and Exchange Commission Release No. 34-39538 (January 12, 1998) (the "Release"), this filing reflects the securities beneficially owned, or that may be deemed to be beneficially owned, by certain operating units (collectively, the "MS Reporting Units") of Morgan Stanley and its subsidiaries and affiliates (collectively, "MS"). This filing does not reflect securities, if any, beneficially owned by any operating units of MS whose ownership of securities is disaggregated from that of the MS Reporting Units in accordance with the Release.

Signature.

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 17, 2015

Signature: /s/ Cesar Coy

Name/Title: Cesar Coy/Authorized Signatory, MORGAN STANLEY

MORGAN STANLEY

Date: February 17, 2015

Signature: /s/ Tim Cole

Name/Title: Tim Cole/Authorized Signatory, MORGAN STANLEY SMITH BARNEY LLC

MORGAN STANLEY SMITH BARNEY LLC

EXHIBIT NO.	EXHIBITS	PAGE
99.1	Joint Filing Agreement	7
99.2	Item 7 Information	8

 $^{^{\}star}$ Attention. Intentional misstatements or omissions of fact constitute federal criminal violations (see 18 U.S.C. 1001).

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EXHIBIT NO. 99.1 TO SCHEDULE 13G JOINT FILING AGREEMENT

February 17, 2015

MORGAN STANLEY and MORGAN STANLEY SMITH BARNEY LLC,

hereby agree that, unless differentiated, this

Schedule 13G is filed on behalf of each of the parties.

MORGAN STANLEY

BY: /s/ Cesar Coy

Cesar Coy/Authorized Signatory, MORGAN STANLEY

MORGAN STANLEY SMITH BARNEY LLC

BY: /s/ Tim Cole

Tim Cole/Authorized Signatory, MORGAN STANLEY SMITH BARNEY LLC

 \star Attention. Intentional misstatements or omissions of fact constitute federal criminal violations (see 18 U.S.C. 1001).

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EXHIBIT NO. 99.2

ITEM 7 INFORMATION

The securities being reported on by Morgan Stanley as a parent holding company are owned, or may be deemed to be beneficially owned, by Morgan Stanley Smith Barney LLC, a broker dealer registered under Section 15 of the Securities Exchange Act of 1934, as amended.