ARCH CAPITAL GROUP LTD. Form SC 13G/A February 03, 2017

SCHEDULE 13G

(Rule 13d-102)

Information to be Included in Statements Filed Pursuant to Rule 13d-1(b), (c) and (d) and Amendments Thereto Filed Pursuant to Rule 13d-2.

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

Under the Securities Exchange Act of 1934 (Amendment No. 10)*

ARCH CAPITAL GROUP LTD.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

G0450A105

(CUSIP Number)

12/31/2016

(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).

CUSIP No. G0450A105

13G

1 NAME OF REPORTING PERSON Artisan Partners Limited Partnership

2	CHECK THE A (see Instruc		OPRIATE BOX IF A MEMBER OF A GROUP ons)		[_] [_]		
Not Applicable			9	()	L J		
3	SEC USE ONL	Y					
4	CITIZENSHIP Delaware	OR	PLACE OF ORGANIZATION				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH		5	SOLE VOTING POWER None				
		6	SHARED VOTING POWER 16,710,936				
	PORTING PERSON WITH	7	SOLE DISPOSITIVE POWER None				
		8	SHARED DISPOSITIVE POWER 18,451,471				
9	9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 18,451,471						
10	CHECK BOX II (see Instrue Not Applica	cti			[_]		
11	PERCENT OF (15.0%	CLA	SS REPRESENTED BY AMOUNT IN ROW (9)				
12	12 TYPE OF REPORTING PERSON (see Instructions) IA						
CUC	IP No. G045	0 7 1	05 13G				
	NAME OF REP	ORT:					
2	CHECK THE A (see Instrue		OPRIATE BOX IF A MEMBER OF A GROUP	(a)	[_]		
	Not Applica	able	e	(b)	[_]		
3	SEC USE ONLY						
4	CITIZENSHIP Delaware	OR	PLACE OF ORGANIZATION				
	MBER OF SHARES EFICIALLY	5	SOLE VOTING POWER None				

OWNED BY EACH	EACH		SHARED VOTING POWER 16,710,936				
PERSON WITH		7	SOLE DISPOSITIVE POWER None				
		8	SHARED DISPOSITIVE POWER 18,451,471				
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 18,451,471							
(see	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions) Not Applicable						
11 PERCEN 15.09		CLAS	SS REPRESENTED BY AMOUNT IN ROW (9)				
	DF REP(Instru		NG PERSON ons)				
CUSIP No.	G045	0A10	95 13G				
			NG PERSON ers Holdings LP				
	THE Al Instru		OPRIATE BOX IF A MEMBER OF A GROUP ons)		[_] [_]		
	Applica SE ONL		•				
4 CITIZI Delay		OR	PLACE OF ORGANIZATION				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		5	SOLE VOTING POWER None				
			SHARED VOTING POWER 16,710,936				
		7	SOLE DISPOSITIVE POWER None				
		8	SHARED DISPOSITIVE POWER 18,451,471				
	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 18,451,471						
(see	BOX II Instruc Applica	ctic			[_]		

Edgar Filing: ARCH CAPITAL GROUP LTD. - Form SC 13G/A 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 15.0% _____ _____ 12 TYPE OF REPORTING PERSON (see Instructions) HC _____ CUSIP No. G0450A105 13G _____ _____ 1 NAME OF REPORTING PERSON Artisan Partners Asset Management Inc. _____ 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions) (a) [_] (b) [_] Not Applicable _____ _____ 3 SEC USE ONLY _____ CITIZENSHIP OR PLACE OF ORGANIZATION Δ Delaware _____ _____ 5 SOLE VOTING POWER None NUMBER OF SHARES BENEFICIALLY _____ 6 SHARED VOTING POWER OWNED BY 16,710,936 EACH REPORTING _____ _____ PERSON 7 SOLE DISPOSITIVE POWER WITH None _____ 8 SHARED DISPOSITIVE POWER 18,451,471 _____ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 18,451,471 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions) [_] Not Applicable _____ _____ _____ 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 15.0% _____ 12 TYPE OF REPORTING PERSON (see Instructions) HC _____ _____

CUSIP No. G0450A105 13G 1 NAME OF REPORTING PERSON Artisan Partners Funds, Inc.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

	(see Instructions)				[_]
	Not App	plicabl	e	()	L J
3	SEC USE	ONLY			
4	CITIZEN: Wiscon		PLACE OF ORGANIZATION		
EACH REPORTING			SOLE VOTING POWER None		
		6	SHARED VOTING POWER 8,340,148		
			SOLE DISPOSITIVE POWER None		
		8	SHARED DISPOSITIVE POWER 8,340,148		
9	AGGREGA 8,340,2		NT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
10	(see Ins		•		[_]
11	PERCENT 6.8%	OF CLA	SS REPRESENTED BY AMOUNT IN ROW (9)		
12	TYPE OF (see Ins IC		ING PERSON ons)		
Ite	m 1(a)	Name o	f Issuer:		
		ARCH	CAPITAL GROUP LTD.		
Ite	m 1(b)	Addres	s of Issuer's Principal Executive Offices:		
		Wate: Berm	rloo House, Ground Floor, 100 Pitts Bay Road, Pembroke uda	HM (38,
Ite	m 2(a)	Name o	f Person Filing:		
		Arti Arti Arti	san Partners Limited Partnership ("APLP") san Investments GP LLC ("Artisan Investments") san Partners Holdings LP ("Artisan Holdings") san Partners Asset Management Inc. ("APAM") san Partners Funds, Inc. ("Artisan Funds")		
Ite	m 2(b)	Addres	s of Principal Business Office:		
			, Artisan Investments, Artisan Holdings, APAM, and Arti s are all located at:	lsan	

875 East Wisconsin Avenue, Suite 800 Milwaukee, WI 53202

Item 2(c) Citizenship:

APLP is a Delaware limited partnership Artisan Investments is a Delaware limited liability company Artisan Holdings is a Delaware limited partnership APAM is a Delaware corporation Artisan Funds is a Wisconsin corporation

Item 2(d) Title of Class of Securities:

Common Stock

Item 2(e) CUSIP Number:

G0450A105

Item 3 Type of Person:

(d) Artisan Funds is an Investment Company under section 8 of the Investment Company Act.

(e) APLP is an investment adviser registered under section 203 of the Investment Advisers Act of 1940.

(g) Artisan Holdings is the sole limited partner of APLP and the sole member of Artisan Investments; Artisan Investments is the general partner of APLP; APAM is the general partner of Artisan Holdings.

Item 4 Ownership(at 12/31/2016):

(a) Amount owned "beneficially" within the meaning of rule 13d-3:

18,451,471

(b) Percent of class:

15.0% (based on 122,694,041 shares outstanding as of 10/31/2016)

- (c) Number of shares as to which such person has:
 - (i) sole power to vote or to direct the vote:None
 - (ii) shared power to vote or to direct the vote: 16,710,936
 - (iii) sole power to dispose or to direct the disposition of:

None

(iv) shared power to dispose or to direct the disposition
 of:

18,451,471

Item 5 Ownership of Five Percent or Less of a Class:

Not Applicable

Item 6 Ownership of More than Five Percent on Behalf of Another Person:

The shares reported herein have been acquired on behalf of discretionary clients of APLP; as reported herein, APLP holds 18,451,471 shares, including 8,340,148 shares on behalf of Artisan Funds. Persons other than APLP are entitled to receive all dividends from, and proceeds from the sale of, those shares.

Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person:

Not Applicable

Item 8 Identification and Classification of Members of the Group:

Not Applicable

Item 9 Notice of Dissolution of Group:

Not Applicable

Item 10 Certification:

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.

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: 2/3/2017

ARTISAN PARTNERS ASSET MANAGEMENT INC, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP

By: Gregory K. Ramirez*

ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Gregory K. Ramirez * _____ ARTISAN PARTNERS FUNDS, INC. By: Gregory K. Ramirez * _____ *By: /s/ Gregory K. Ramirez _____ Gregory K. Ramirez Senior Vice President of Artisan Partners Asset Management Inc. Vice President of Artisan Investments GP LLC Chief Financial Officer, Vice President and Treasurer of Artisan Partners Funds, Inc.

Exhibit Index

Exhibit 1 Joint Filing Agreement dated 2/3/2017 by and among Artisan Partners Limited Partnership, Artisan Investments GP LLC, Artisan Partners Holdings LP, Artisan Partners Asset Management Inc., and Artisan Partners Funds, Inc.

EXHIBIT 1

JOINT FILING AGREEMENT

The undersigned hereby agree to the joint filing of the Schedule 13G to which this Agreement is attached.

Dated: 2/3/2017

ARTISAN PARTNERS ASSET MANAGEMENT INC, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP

By: Gregory K. Ramirez*

ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Gregory K. Ramirez *

ARTISAN PARTNERS FUNDS, INC.

By: Gregory K. Ramirez *

*By: /s/ Gregory K. Ramirez

Gregory K. Ramirez Senior Vice President of Artisan Partners Asset Management Inc. Vice President of Artisan Investments GP LLC Chief Financial Officer, Vice President and Treasurer of Artisan Partners Funds, Inc.