

PIONEER SERIES TRUST XIV

FORM N-CEN

(Annual Report for Registered Investment Companies)

Filed 12/12/25 for the Period Ending 09/30/25

Address	60 STATE ST., 5TH FLOOR BOSTON, MA, 02109
Telephone	617-742-7825
CIK	0001077452
Symbol	PSRAX
SIC Code	2200 - Textile mill products

The Securities and Exchange Commission has not necessarily reviewed the information in this filing and has not determined if it is accurate and complete.

The reader should not assume that the information is accurate and complete.

Form N-CEN Filer Information

Form N-CEN

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

**FORM N-CEN
ANNUAL REPORT FOR REGISTERED INVESTMENT COMPANIES**

OMB APPROVAL

OMB Number: 3235-0729

Estimated average burden hours per response:
19.04

N-CEN:Series/Class (Contract) Information

Series ID Record	Series ID	Class ID
#1	S000010131	All
#2	S000071519	All
#3	S000071520	All
#4	S000071518	All

N-CEN:Part A: General Information

Item A.1. Reporting period covered.

- a. Report for period ending: 2025-09-30
- b. Does this report cover a period of less than 12 months? ☒ Yes ☐ No

N-CEN:Part B: Information About the Registrant

Item B.1. Background information.

- a. Full name of Registrant Pioneer Series Trust XIV
- b. Investment Company Act file number (e.g., 811-) 811-09223
- c. CIK 0001077452
- d. LEI 549300REOIW9C4OPNH31

Item B.2. Address and telephone number of Registrant.

- a. Street 1 60 State Street
- Street 2
- b. City Boston
- c. State, if applicable MASSACHUSETTS
- d. Foreign country, if applicable UNITED STATES OF AMERICA

e. Zip code and zip code extension, or foreign postal code	02109
f. Telephone number (including country code if foreign)	617-422-4947
g. Public Website, if any	www.amundi.com/us

Item B.3. Location of books and records.

Instruction. Provide the requested information for each person maintaining physical possession of each account, book, or other document required to be maintained by section 31(a) of the Act (15 U.S.C. 80a-30(a)) and the rules under that section.

Location Books Record	Name of person (e.g., a custodian of records)	Telephone	Address	Briefly describe books and records kept at this location
#1	The Bank of New York Mellon	212-495-1784	240 Greenwich Street New York, NEW YORK 10286 UNITED STATES OF AMERICA	Records related to its functions as custodian and sub-administrator.
#2	BNY Mellon Investment Servicing (US) Inc.	412-234-5000	500 Ross Street Pittsburgh, PENNSYLVANIA 15262 UNITED STATES OF AMERICA	Records related to its functions as shareholder servicing and transfer agent.
#3	Victory Capital Services, Inc.	216-898-2400	4900 Tiedeman Road 4th Floor Brooklyn, OHIO 44144 UNITED STATES OF AMERICA	Records related to its functions as principal underwriter.
#4	Pioneer Series Trust XIV	617-422-4947	60 State Street Boston, MASSACHUSETTS 02109 UNITED STATES OF AMERICA	Records related to its functions as Registrant.
#5	Victory Capital Management Inc.	877-660-4400	15935 La Cantera Parkway San Antonio, TEXAS 78256 UNITED STATES OF AMERICA	Records related to its functions as investment adviser and administrator.

Item B.4. Initial of final filings.

Instruction. Respond "yes" to Item B.4.b only if the Registrant has filed an application to deregister or will file an application to deregister before its next required filing on this form.

- a. Is this the first filing on this form by the Registrant? ☐ Yes ☒ No
- b. Is this the last filing on this form by the Registrant? ☒ Yes ☐ No

Item B.5. Family of investment companies.

Instruction. "Family of investment companies" means, except for insurance company separate accounts, any two or more registered investment companies that (i) share the same investment adviser or principal underwriter; and (ii) hold themselves out to investors as related companies for purposes of investment and investor services. In responding to this item, all Registrants in the family of investment companies should report the name of the family of investment companies identically.

Insurance company separate accounts that may not hold themselves out to investors as related companies (products) for purposes of investment and investor services should consider themselves part of the same family if the operational or accounting or control

systems under which these entities function are substantially similar.

a. Is the Registrant part of a family of investment companies?

☒ Yes ☐ No

i. Full name of family of investment companies

The Pioneer Funds

Item B.6. Organization.

Instruction. For Item B.6.a.i., the Registrant should include all Series that have been established by the Registrant and have shares outstanding (other than shares issued in connection with an initial investment to satisfy section 14(a) of the Act).

a. Indicate the classification of the Registrant by checking the applicable item

☒ a. Open-end management investment company registered under the Act on Form N-1A

☐ b. Closed-end management investment company registered under the Act on Form N-2

☐ c. Separate account offering variable annuity contracts which is registered under the Act as a management investment company on Form N-3

☐ d. Separate account offering variable annuity contracts which is registered under the Act as a unit investment trust on Form N-4

☐ e. Small business investment company registered under the Act on Form N-5

☐ f. Separate account offering variable insurance contracts which is registered under the Act as a unit investment trust on Form N-6

☐ g. Unit investment trust registered under the Act on Form N-8B-2

i. Total number of Series of the Registrant

0

ii. If a Series of the Registrant with a fiscal year end covered by the report was terminated during the reporting period, provide the following information:

Terminated Organization Record	Name of the Series	Series identification number	Date of termination (month/year)
#1	Pioneer Global Sustainable Value Fund	S000071519	03/2025
#2	Pioneer Global Sustainable Growth Fund	S000071518	03/2025
#3	Pioneer Intrinsic Value Fund	S000071520	03/2025
#4	Pioneer Strategic Income Fund	S000010131	03/2025

Item B.7. Securities Act registration.

a. Is the Registrant the issuer of a class of securities registered under the Securities Act of 1933 ("Securities Act")?

☒ Yes ☐ No

Item B.8. Directors.

a. Provide the information requested below about each person serving as director of the Registrant (management investment companies only):

Is the person an "interested

Director Record	Full Name	CRD number, if any	person" of the Registrant as that term is defined in section 2(a)(19) of the Act (15 U.S.C. 80a-2(a)(19))?	Investment Company Act file number of any other registered investment company for which the person also serves as a director (e.g., 811-):
#1	Thomas J. Perna	N/A	No	811-21409
				811-21043
				811-24018
				811-23699
				811-21321
				811-22014
				811-22987
				811-24019
#2	John E. Baumgardner, Jr.	N/A	No	811-21654
				811-22014
				811-24019
				811-21409
				811-21654
				811-24018
				811-21321
				811-23699
#3	Lorraine H. Monchak	N/A	No	811-21043
				811-22987
				811-21321
				811-21043
				811-24019
				811-21654
				811-24018
				811-22987
#4	Craig C. MacKay	002008771	No	811-23699
				811-21409
				811-22014
				811-21043
				811-24019
				811-22987
				811-24018
				811-21654
#5	Diane Durnin	N/A	No	811-21321
				811-22987
				811-21043
				811-24019
				811-21409
				811-22014
#5	Diane Durnin	N/A	No	811-24018
				811-24018

					811-21321
					811-23699
					811-21654
					811-08979
					811-07852
#6	David C. Brown	004104294	Yes		811-24019
					811-04852
					811-24018
					811-22696
					811-24018
					811-22696
#7	Thomas Dusenberry	N/A	No		811-07852
					811-24019
					811-04852
					811-08979
					811-23699
					811-22014
					811-24018
#8	Benjamin M. Friedman	N/A	No		811-24019
					811-21043
					811-21321
					811-21654
					811-21409
					811-22987
					811-21043
					811-23699
					811-21654
#9	Fred J. Ricciardi	N/A	No		811-21409
					811-22987
					811-22014
					811-24018
					811-24019
					811-21321

Item B.9. Chief compliance officer.

a. Provide the information requested below about each person serving as chief compliance officer (CCO) of the Registrant for purposes of rule 38a-1 (17 CFR 270.38a- 1):

Chief Compliance Officer Record	Full Name	CRD Number, if any	Telephone	Address	Has the CCO changed since the last filing?	If the chief compliance officer is compensated or employed by any person other than the Registrant, or an affiliated person of the Registrant, for providing chief compliance officer services, provide:

#1	Sean Fox	003131615	XXXXXX	4900 Tiedeman Road 4th Floor Brooklyn, OHIO 44144 UNITED STATES OF AMERICA	Yes	1. <i>Name of the person:</i> N/A <i>IRS Employer Identification Number:</i> N/A
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Item B.10. Matters for security holder vote.

Instruction. Registrants registered on Forms N-3, N-4 or N-6, should respond "yes" to this Item only if security holder votes were solicited on contract-level matters.

a. Were any matters submitted by the Registrant for its security holders' vote during the reporting period? ☒ Yes ☐ No

i. If yes, and to the extent the response relates only to certain series of the Registrant, indicate the series involved:

Security Matter Series info Record	Series name	Series identification number
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Item B.11. Legal proceeding.

Instruction. For purposes of this Item, the following proceedings should be described: (1) any bankruptcy, receivership or similar proceeding with respect to the Registrant or any of its significant subsidiaries; (2) any proceeding to which any director, officer or other affiliated person of the Registrant is a party adverse to the Registrant or any of its subsidiaries; and (3) any proceeding involving the revocation or suspension of the right of the Registrant to sell securities.

a. Have there been any material legal proceedings, other than routine litigation incidental to the business, to which the Registrant or any of its subsidiaries was a party or of which any of their property was the subject during the reporting period? ☐ Yes ☒ No

b. Has any proceeding previously reported been terminated? ☐ Yes ☒ No

Item B.12. Fidelity bond and insurance (management investment companies only).

a. Were any claims with respect to the Registrant filed under a fidelity bond (including, but not limited to, the fidelity insuring agreement of the bond) during the reporting period? ☐ Yes ☒ No

Item B.13. Directors and officers/errors and omissions insurance (management investment companies only).

a. Are the Registrant's officers or directors covered in their capacities as officers or directors under any directors and officers/errors and omissions insurance policy owned by the Registrant or anyone else? ☒ Yes ☐ No

i. If yes, were any claims filed under the policy during the reporting period with respect to the Registrant? ☐ Yes ☒ No

Item B.14. Provision of financial support.

Instruction. For purposes of this Item, a provision of financial support includes any (1) capital contribution, (2) purchase of a security from a Money Market Fund in reliance on rule 17a-9 under the Act (17 CFR 270.17a-9), (3) purchase of any defaulted or devalued security at fair value reasonably intended to increase or stabilize the value or liquidity of the Registrant's portfolio, (4) execution of letter of credit or letter of indemnity, (5) capital support agreement (whether or not the Registrant ultimately received support), (6) performance guarantee, or (7) other similar action reasonably intended to increase or stabilize the value or liquidity of the Registrant's portfolio. Provision of financial support does not include any (1) routine waiver of fees or reimbursement of Registrant's expenses, (2) routine inter-fund lending, (3) routine inter-fund purchases of Registrant's shares, or (4) action that would qualify as financial support as defined above, that the board of directors has otherwise determined not to be reasonably intended to increase or stabilize the value or liquidity of the Registrant's portfolio.

a. Did an affiliated person, promoter, or principal underwriter of the Registrant, or an affiliated person of such a person, provide any form of financial support to the Registrant during the reporting period?

☐ Yes ☒ No

Item B.15. Exemptive orders.

a. During the reporting period, did the Registrant rely on any orders from the Commission granting an exemption from one or more provisions of the Act, Securities Act or Exchange Act?

☐ Yes ☒ No

Item B.16. Principal underwriters.

a. Provide the information requested below about each principal underwriter:

Principal Underwriter Record	Full Name	SEC file number (e.g., 8-)	CRD number	Identifying number(s)	State, if applicable	Foreign country, if applicable	Is the principal underwriter an affiliated person of the Registrant, or its investment adviser(s) or depositor?
#1	Victory Capital Services, Inc.	008-047577	000037059	LEI: 5493007YCZV03392KX12	OHIO	UNITED STATES OF AMERICA	Yes

b. Have any principal underwriters been hired or terminated during the reporting period?

☒ Yes ☐ No

Item B.17. Independent public accountant.

a. Provide the following information about each independent public accountant:

Public Accountant Record	Full Name	PCAOB Number	Identifying number(s)	State, if applicable	Foreign country, if applicable
#1	Deloitte & Touche LLP	34	LEI: 549300FJV7IV1ZHG AV28	MASSACHUSETTS	UNITED STATES OF AMERICA

b. Has the independent public accountant changed since the last filing?

☐ Yes ☒ No

Item B.18. Report on internal control (management investment companies only).

Instruction. Small business investment companies are not required to respond to this item.

a. For the reporting period, did an independent public accountant's report on internal control note any material weaknesses?

☐ Yes ☒ No

Item B.19. Audit opinion.

a. For the reporting period, did an independent public accountant issue an opinion other than an unqualified opinion with respect to its audit of the Registrant's financial statements?

☐ Yes ☒ No

Item B.20. Change in valuation methods.

Instruction. Responses to this item need not include changes to valuation techniques used for individual securities (e.g., changing from market approach to income approach for a private equity security). In responding to Item B.20.c., provide the applicable "asset type" category specified in Item C.4.a. of Form N-PORT. In responding to Item B.20.d., provide a brief description of the type of investments involved. If the change in valuation methods applies only to certain sub-asset types included in the response to Item B.20.c., please provide the sub-asset types in the response to Item B.20.d. The responses to Item B.20.c. and Item B.20.d. should be identical only if the change in valuation methods applies to all assets within that category.

a. Have there been material changes in the method of valuation (e.g., change from use of bid price to mid price for fixed income securities or change in trigger threshold for use of fair value factors on international equity securities) of the Registrant's assets during the reporting period?

☐ Yes ☒ No

Item B.21. Change in accounting principles and practices.

a. Have there been any changes in accounting principles or practices, or any change in the method of applying any such accounting principles or practices, which will materially affect the financial statements filed or to be filed for the current year with the Commission and which has not been previously reported?

☐ Yes ☒ No

Item B.22. Net asset value error corrections (open-end management investment companies only).

a. During the reporting period, were any payments made to shareholders or shareholder accounts reprocessed as a result of an error in calculating the Registrant's net asset value (or net asset value per share)?

☐ Yes ☒ No

Item B.23. Rule 19a-1 notice (management investment companies only).

a. During the reporting period, did the Registrant pay any dividend or make any distribution in the nature of a dividend payment, required to be accompanied by a written statement pursuant to section 19(a) of the Act (15 U.S.C. 80a-19(a)) and rule 19a-1 thereunder (17 CFR 270.19a-1)?

☐ Yes ☒ No

N-CEN:Part C: Additional Questions for Management Investment Companies

N-CEN:Part G: Attachments

Item G.1a. Attachments.

a. Attachments applicable to all Registrants. All Registrants shall file the following attachments, as applicable, with the current report. Indicate the attachments filed with the current report by checking the applicable items below:

- ☐ i. Legal proceedings
- ☐ ii. Provision of financial support
- ☐ iii. Independent public accountant's report on internal control (management investment companies other than small business investment companies only)
- ☐ iv. Change in accounting principles and practices
- ☐ v. Information required to be filed pursuant to exemptive orders
- ☐ vi. Other information required to be included as an attachment pursuant to Commission rules and regulations

Instructions.

1. Item G.1.a.i. Legal proceedings.

- (a) If the Registrant responded "YES" to Item B.11.a., provide a brief description of the proceedings. As part of the description, provide the case or docket number (if any), and the full names of the principal parties to the proceeding.
- (b) If the Registrant responded "YES" to Item B.11.b., identify the proceeding and give its date of termination.

2. Item G.1.a.ii. Provision of financial support. If the Registrant responded "YES" to Item B.14., provide the following information (unless the Registrant is a Money Market Fund): (a) Description of nature of support.

(b) Person providing support.

(c) Brief description of relationship between the person providing support and the Registrant.

(d) Date support provided.

(e) Amount of support.

(f) Security supported (if applicable). Disclose the full name of the issuer, the title of the issue (including coupon or yield, if applicable) and at least two identifiers, if available (e.g., CIK, CUSIP, ISIN, LEI).

(g) Value of security supported on date support was initiated (if applicable).

(h) Brief description of reason for support.

(i) Term of support.

(j) Brief description of any contractual restrictions relating to support.

3. Item G.1.a.iii. Independent public accountant's report on internal control (management investment companies other than small business investment companies only). Each management investment company shall furnish a report of its independent public accountant on the company's system of internal accounting controls. The accountant's report shall be based on the review, study and evaluation of the accounting system, internal accounting controls, and procedures for safeguarding securities made during the audit of the financial statements for the reporting period. The report should disclose any material weaknesses in: (a) the accounting system; (b) system of internal accounting control; or (c) procedures for safeguarding securities which exist as of the end of the Registrant's fiscal year.

The accountant's report shall be furnished as an exhibit to the form and shall: (1) be addressed to the Registrant's shareholders and board of directors; (2) be dated; (3) be signed manually; and (4) indicate the city and state where issued.

Attachments that include a report that discloses a material weakness should include an indication by the Registrant of any corrective action taken or proposed.

The fact that an accountant's report is attached to this form shall not be regarded as acknowledging any review of this form by the independent public accountant.

4. Item G.1.a.iv. Change in accounting principles and practices. If the Registrant responded "YES" to Item B.21, provide an attachment that describes the change in accounting principles or practices, or the change in the method of applying any such accounting principles or practices. State the date of the change and the reasons therefor. A letter from the Registrant's independent accountants, approving or otherwise commenting on the change, shall accompany the description.

5. Item G.1.a.v. Information required to be filed pursuant to exemptive orders. File as an attachment any information required to be reported on Form N-CEN or any predecessor form to Form N-CEN (e.g., Form N-SAR) pursuant to exemptive orders issued by the Commission and relied on by the Registrant.
6. Item G.1.a.vi. Other information required to be included as an attachment pursuant to Commission rules and regulations. File as an attachment any other information required to be included as an attachment pursuant to Commission rules and regulations.

N-CEN: Signature

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 hereunto duly authorized.

Registrant	Pioneer Series Trust XIV
Date	2025-12-12
Signature	Carol D. Trevino
Title	Treasurer