

Variable Annuity Account F

December 31, 2024 Annual Report

Voya Retirement Insurance and Annuity Company

Not all funds may be available in all jurisdictions, under all contracts or under all plans.

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FINANCIAL STATEMENTS

Variable Annuity Account F of

Voya Retirement Insurance and Annuity Company

Year Ended December 31, 2024

with Report of Independent Auditors

**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY
Financial Statements
Year Ended December 31, 2024**

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Report of Independent Auditors

To the Board of Directors of Voya Retirement Insurance and Annuity Company and Participants of Variable Annuity Account F of Voya Retirement Insurance and Annuity Company

Opinion

We have audited the financial statements of each of the subaccounts listed in the Appendix that comprise Variable Annuity Account F of Voya Retirement Insurance and Annuity Company (the “Account”), which comprise the statements of assets and liabilities as of December 31, 2024, the related statements of operations and the statements of changes in net assets for each of the periods indicated in the Appendix, and the related notes (collectively referred to as the “financial statements”).

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Account as of December 31, 2024, and the results of its operations and changes in its net assets for each of the periods indicated in the Appendix, in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor’s Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Account and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free of material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Account’s ability to continue as a going concern for one year after the date that the financial statements are available to be issued.

Auditor’s Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free of material misstatement, whether due to fraud or error, and to issue an auditor’s report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with

GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audits.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audits in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Account's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Account's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

/S/ ERNST & YOUNG LLP

March 25, 2025

Appendix

Subaccounts comprising Variable Annuity Account F of Voya Retirement Insurance and Annuity Company

Subaccounts	Statements of Operations	Statements of Changes in Net Assets
Allspring Diversified Capital Builder Fund - Institutional Class American Funds® American Balanced Fund® - Class R-4 American Century Investments® Ultra® Fund - Investor Class American Century Investments® International Growth Fund - Investor Class Ariel Fund - Investor Class Baron Asset Fund - Retail Shares American Funds® EuroPacific Growth Fund® - Class R-4 Fidelity Advisor® Equity Growth Fund - Class M Fidelity Advisor® Equity Income Fund - Class M Fidelity Advisor® Growth Opportunities Fund - Class M Goldman Sachs Mid Cap Value Fund - Class A Shares American Funds® The Growth Fund of America® - Class R-4 Lord Abbett Mid Cap Stock Fund - Class A Neuberger Berman Genesis Fund - Trust Class Shares Neuberger Berman Large Cap Growth Fund - Trust Class Shares Pioneer Equity Income Fund - Class Y Shares Pioneer Fund - Class Y Shares T. Rowe Price Blue Chip Growth Fund - Advisor Class Templeton Foreign Fund - Class A Templeton Global Bond Fund - Class A Voya Corporate Leaders® 100 Fund - Class I Voya Global Income & Growth Fund - Class I Voya Large Cap Value Fund - Class I Voya Small Company Fund - Class I Voya GNMA Income Fund - Class I Voya Government Money Market Fund - Class I Voya Intermediate Bond Fund - Class I Voya Large Cap Growth Portfolio - Institutional Class VY® JPMorgan Small Cap Core Equity Portfolio - Service Class VY® T. Rowe Price Capital Appreciation Portfolio - Service Class Voya Global Bond Portfolio - Service Class Voya Global Insights Portfolio - Initial Class Voya Index Solution 2040 Portfolio - Adviser Class Voya Index Solution 2045 Portfolio - Adviser Class Voya Index Solution 2055 Portfolio - Adviser Class Voya Solution 2025 Portfolio - Adviser Class	For the year ended December 31, 2024	For each of the two years in the period ended December 31, 2024

Subaccounts	Statements of Operations	Statements of Changes in Net Assets
Voya Solution 2030 Portfolio - Adviser Class Voya Solution 2035 Portfolio - Adviser Class Voya Solution 2040 Portfolio - Adviser Class Voya Solution 2045 Portfolio - Adviser Class Voya Solution 2050 Portfolio - Adviser Class Voya Solution 2055 Portfolio - Adviser Class Voya Solution 2060 Portfolio - Adviser Class Voya Solution 2065 Portfolio - Adviser Class Voya Solution Income Portfolio - Adviser Class VY® Baron Growth Portfolio - Service Class VY® Invesco Comstock Portfolio - Service Class VY® JPMorgan Mid Cap Value Portfolio - Service Class VY® T. Rowe Price Growth Equity Portfolio - Service Class Voya Russell™ Mid Cap Growth Index Portfolio - Class S Voya MidCap Opportunities Portfolio - Class S American Funds® Washington Mutual Investors Fund SM - Class R-4	For the year ended December 31, 2024	For each of the two years in the period ended December 31, 2024
Voya Index Solution 2025 Portfolio - Adviser Class	For the year ended December 31, 2024	For the year ended December 31, 2024 and the period from June 1, 2023 (commencement of operations) through December 31, 2023
Voya Index Solution 2035 Portfolio - Adviser Class	For the period from October 15, 2024 (commencement of operations) through December 31, 2024	

**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**
Statements of Assets and Liabilities
December 31, 2024
(In thousands, except number of shares)

	Allspring Diversified Capital Builder Fund - Institutional Class	American Funds® American Balanced Fund® - Class R-4	American Century Investments® Ultra® Fund - Investor Class	American Century Investments® International Growth Fund - Investor Class	Ariel Fund - Investor Class
Assets					
Investments in mutual funds					
at fair value	\$ 2,026	\$ 260	\$ 3,707	\$ —	\$ 1
Total assets	2,026	260	3,707	—	1
Net assets	<u>\$ 2,026</u>	<u>\$ 260</u>	<u>\$ 3,707</u>	<u>\$ —</u>	<u>\$ 1</u>
Total number of mutual fund shares	<u>149,954</u>	<u>7,578</u>	<u>39,725</u>	<u>22</u>	<u>18</u>
Cost of mutual fund shares	<u>\$ 1,799</u>	<u>\$ 238</u>	<u>\$ 2,844</u>	<u>\$ —</u>	<u>\$ 1</u>

	Baron Asset Fund - Retail Shares	American Funds® EuroPacific Growth Fund® - Class R-4	Fidelity Advisor® Equity Growth Fund - Class M	Fidelity Advisor® Equity Income Fund - Class M	Fidelity Advisor® Growth Opportunities Fund - Class M
Assets					
Investments in mutual funds					
at fair value	\$ 616	\$ 801	\$ 182	\$ 226	\$ 847
Total assets	616	801	182	226	847
Net assets	<u>\$ 616</u>	<u>\$ 801</u>	<u>\$ 182</u>	<u>\$ 226</u>	<u>\$ 847</u>
Total number of mutual fund shares	<u>6,744</u>	<u>15,315</u>	<u>9,631</u>	<u>6,691</u>	<u>4,858</u>
Cost of mutual fund shares	<u>\$ 644</u>	<u>\$ 847</u>	<u>\$ 154</u>	<u>\$ 207</u>	<u>\$ 455</u>

The accompanying notes are an integral part of these financial statements.

**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**
Statements of Assets and Liabilities
December 31, 2024
(In thousands, except number of shares)

	Goldman Sachs Mid Cap Value Fund - Class A Shares	American Funds® The Growth Fund of America® - Class R-4	Lord Abbett Mid Cap Stock Fund - Class A	Neuberger Berman Genesis Fund - Trust Class Shares	Neuberger Berman Large Cap Growth Fund - Trust Class Shares
Assets					
Investments in mutual funds					
at fair value	\$ 1	\$ 2,300	\$ 548	\$ 238	\$ 18
Total assets	1	2,300	548	238	18
Net assets	<u>\$ 1</u>	<u>\$ 2,300</u>	<u>\$ 548</u>	<u>\$ 238</u>	<u>\$ 18</u>
Total number of mutual fund shares	<u>35</u>	<u>31,281</u>	<u>16,226</u>	<u>3,672</u>	<u>606</u>
Cost of mutual fund shares	<u>\$ 1</u>	<u>\$ 2,065</u>	<u>\$ 461</u>	<u>\$ 233</u>	<u>\$ 12</u>

	Pioneer Equity Income Fund - Class Y Shares	Pioneer Fund - Class Y Shares	T. Rowe Price Blue Chip Growth Fund - Advisor Class	Templeton Foreign Fund - Class A	Templeton Global Bond Fund - Class A
Assets					
Investments in mutual funds					
at fair value	\$ 1,033	\$ 842	\$ 1,628	\$ 4	\$ 8
Total assets	1,033	842	1,628	4	8
Net assets	<u>\$ 1,033</u>	<u>\$ 842</u>	<u>\$ 1,628</u>	<u>\$ 4</u>	<u>\$ 8</u>
Total number of mutual fund shares	<u>41,539</u>	<u>20,871</u>	<u>9,043</u>	<u>508</u>	<u>1,179</u>
Cost of mutual fund shares	<u>\$ 1,364</u>	<u>\$ 779</u>	<u>\$ 1,382</u>	<u>\$ 4</u>	<u>\$ 11</u>

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**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**
Statements of Assets and Liabilities
December 31, 2024
(In thousands, except number of shares)

	Voya Corporate Leaders® 100 Fund - Class I	Voya Global Income & Growth Fund - Class I	Voya Large Cap Value Fund - Class I	Voya Small Company Fund - Class I	Voya GNMA Income Fund - Class I
Assets					
Investments in mutual funds					
at fair value	\$ 562	\$ 122	\$ 326	\$ 620	\$ —
Total assets	562	122	326	620	—
Net assets	<u>\$ 562</u>	<u>\$ 122</u>	<u>\$ 326</u>	<u>\$ 620</u>	<u>\$ —</u>
Total number of mutual fund shares	<u>23,377</u>	<u>10,623</u>	<u>25,040</u>	<u>42,061</u>	<u>22</u>
Cost of mutual fund shares	<u>\$ 475</u>	<u>\$ 126</u>	<u>\$ 318</u>	<u>\$ 604</u>	<u>\$ —</u>

	Voya Government Money Market Fund - Class I	Voya Intermediate Bond Fund - Class I	Voya Large Cap Growth Portfolio - Institutional Class	VY® JPMorgan Small Cap Core Equity Portfolio - Service Class	VY® T. Rowe Price Capital Appreciation Portfolio - Service Class
Assets					
Investments in mutual funds					
at fair value	\$ 8,647	\$ 1,053	\$ 485	\$ 1,339	\$ 1,592
Total assets	8,647	1,053	485	1,339	1,592
Net assets	<u>\$ 8,647</u>	<u>\$ 1,053</u>	<u>\$ 485</u>	<u>\$ 1,339</u>	<u>\$ 1,592</u>
Total number of mutual fund shares	<u>8,647,096</u>	<u>122,259</u>	<u>26,437</u>	<u>83,678</u>	<u>56,314</u>
Cost of mutual fund shares	<u>\$ 8,647</u>	<u>\$ 1,154</u>	<u>\$ 340</u>	<u>\$ 1,294</u>	<u>\$ 1,579</u>

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**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**
Statements of Assets and Liabilities
December 31, 2024
(In thousands, except number of shares)

	Voya Global Bond Portfolio - Service Class	Voya Global Insights Portfolio - Initial Class	Voya Index Solution 2025 Portfolio - Adviser Class	Voya Index Solution 2035 Portfolio - Adviser Class	Voya Index Solution 2040 Portfolio - Adviser Class
Assets					
Investments in mutual funds					
at fair value	\$ 622	\$ 1,563	\$ 7	\$ 352	\$ 2
Total assets	622	1,563	7	352	2
Net assets	<u>\$ 622</u>	<u>\$ 1,563</u>	<u>\$ 7</u>	<u>\$ 352</u>	<u>\$ 2</u>
Total number of mutual fund shares	<u>78,349</u>	<u>166,659</u>	<u>627</u>	<u>29,927</u>	<u>130</u>
Cost of mutual fund shares	<u>\$ 736</u>	<u>\$ 2,449</u>	<u>\$ 6</u>	<u>\$ 357</u>	<u>\$ 2</u>

	Voya Index Solution 2045 Portfolio - Adviser Class	Voya Index Solution 2055 Portfolio - Adviser Class	Voya Solution 2025 Portfolio - Adviser Class	Voya Solution 2030 Portfolio - Adviser Class	Voya Solution 2035 Portfolio - Adviser Class
Assets					
Investments in mutual funds					
at fair value	\$ 215	\$ 4	\$ 501	\$ 494	\$ 1,659
Total assets	215	4	501	494	1,659
Net assets	<u>\$ 215</u>	<u>\$ 4</u>	<u>\$ 501</u>	<u>\$ 494</u>	<u>\$ 1,659</u>
Total number of mutual fund shares	<u>16,595</u>	<u>238</u>	<u>52,254</u>	<u>34,582</u>	<u>161,885</u>
Cost of mutual fund shares	<u>\$ 231</u>	<u>\$ 4</u>	<u>\$ 550</u>	<u>\$ 443</u>	<u>\$ 1,680</u>

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**VARIABLE ANNUITY ACCOUNT F OF
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Statements of Assets and Liabilities
December 31, 2024
(In thousands, except number of shares)

	Voya Solution 2040 Portfolio - Adviser Class	Voya Solution 2045 Portfolio - Adviser Class	Voya Solution 2050 Portfolio - Adviser Class	Voya Solution 2055 Portfolio - Adviser Class	Voya Solution 2060 Portfolio - Adviser Class
Assets					
Investments in mutual funds					
at fair value	\$ 880	\$ 1,375	\$ 738	\$ 552	\$ 373
Total assets	880	1,375	738	552	373
Net assets	<u>\$ 880</u>	<u>\$ 1,375</u>	<u>\$ 738</u>	<u>\$ 552</u>	<u>\$ 373</u>
Total number of mutual fund shares	<u>56,971</u>	<u>134,114</u>	<u>45,630</u>	<u>45,115</u>	<u>31,119</u>
Cost of mutual fund shares	<u>\$ 838</u>	<u>\$ 1,377</u>	<u>\$ 691</u>	<u>\$ 499</u>	<u>\$ 341</u>

	Voya Solution 2065 Portfolio - Adviser Class	Voya Solution Income Portfolio - Adviser Class	VY® Baron Growth Portfolio - Service Class	VY® Invesco Comstock Portfolio - Service Class	VY® JPMorgan Mid Cap Value Portfolio - Service Class
Assets					
Investments in mutual funds					
at fair value	\$ 157	\$ 84	\$ 39	\$ 6	\$ 644
Total assets	157	84	39	6	644
Net assets	<u>\$ 157</u>	<u>\$ 84</u>	<u>\$ 39</u>	<u>\$ 6</u>	<u>\$ 644</u>
Total number of mutual fund shares	<u>13,937</u>	<u>8,194</u>	<u>1,646</u>	<u>267</u>	<u>40,573</u>
Cost of mutual fund shares	<u>\$ 154</u>	<u>\$ 87</u>	<u>\$ 41</u>	<u>\$ 5</u>	<u>\$ 633</u>

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Statements of Assets and Liabilities
December 31, 2024
(In thousands, except number of shares)

	VY® T. Rowe Price Growth Equity Portfolio - Service Class	Voya Russell™ Mid Cap Growth Index Portfolio - Class S	Voya MidCap Opportunities Portfolio - Class S	American Funds® Washington Mutual Investors FundSM - Class R-4
Assets				
Investments in mutual funds				
at fair value	\$ 130	\$ 22	\$ 1	\$ 1,872
Total assets	130	22	1	1,872
Net assets	<u>\$ 130</u>	<u>\$ 22</u>	<u>\$ 1</u>	<u>\$ 1,872</u>
Total number of mutual fund shares	<u>1,460</u>	<u>466</u>	<u>363</u>	<u>30,654</u>
Cost of mutual fund shares	<u>\$ 121</u>	<u>\$ 16</u>	<u>\$ 2</u>	<u>\$ 1,647</u>

The accompanying notes are an integral part of these financial statements.

**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**
Statements of Operations
For the Period or Year Ended December 31, 2024
(In thousands)

	Allspring Diversified Capital Builder Fund - Institutional Class	American Funds® American Balanced Fund® - Class R-4	American Century Investments® Ultra® Fund - Investor Class	American Century Investments® International Growth Fund - Investor Class	Ariel Fund - Investor Class
Net investment income (loss)					
Investment income:					
Dividends	\$ 14	\$ 5	\$ —	\$ —	\$ —
Expenses:					
Mortality and expense risk charges	4	2	3	—	—
Net investment income (loss)	10	3	(3)	—	—
Realized and unrealized gain (loss)					
on investments					
Net realized gain (loss) on investments	32	2	184	—	—
Capital gains distributions	94	12	128	—	—
Total realized gain (loss) on investments					
and capital gains distributions	126	14	312	—	—
Net unrealized appreciation					
(depreciation) of investments	168	13	492	—	—
Net realized and unrealized gain (loss)					
on investments	294	27	804	—	—
Net increase (decrease) in net assets					
resulting from operations	\$ 304	\$ 30	\$ 801	\$ —	\$ —

	Baron Asset Fund - Retail Shares	American Funds® EuroPacific Growth Fund® - Class R-4	Fidelity Advisor® Equity Growth Fund - Class M	Fidelity Advisor® Equity Income Fund - Class M	Fidelity Advisor® Growth Opportunities Fund - Class M
Net investment income (loss)					
Investment income:					
Dividends	\$ —	\$ 9	\$ —	\$ 4	\$ —
Expenses:					
Mortality and expense risk charges	—	—	1	1	4
Net investment income (loss)	—	9	(1)	3	(4)
Realized and unrealized gain (loss)					
on investments					
Net realized gain (loss) on investments	3	(33)	85	—	8
Capital gains distributions	99	41	21	11	—
Total realized gain (loss) on investments					
and capital gains distributions	102	8	106	11	8
Net unrealized appreciation					
(depreciation) of investments	(48)	5	(52)	7	228
Net realized and unrealized gain (loss)					
on investments	54	13	54	18	236
Net increase (decrease) in net assets					
resulting from operations	\$ 54	\$ 22	\$ 53	\$ 21	\$ 232

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VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY
Statements of Operations
For the Period or Year Ended December 31, 2024
(In thousands)

	Goldman Sachs Mid Cap Value Fund - Class A Shares	American Funds® The Growth Fund of America® - Class R-4	Lord Abbett Mid Cap Stock Fund - Class A	Neuberger Berman Genesis Fund - Trust Class Shares	Neuberger Berman Large Cap Growth Fund - Trust Class Shares
Net investment income (loss)					
Investment income:					
Dividends	\$ —	\$ 8	\$ 3	\$ —	\$ —
Expenses:					
Mortality and expense risk charges	—	—	5	2	—
Net investment income (loss)	—	8	(2)	(2)	—
Realized and unrealized gain (loss)					
on investments					
Net realized gain (loss) on investments	—	69	5	—	—
Capital gains distributions	—	181	46	5	1
Total realized gain (loss) on investments					
and capital gains distributions	—	250	51	5	1
Net unrealized appreciation					
(depreciation) of investments	—	188	18	14	2
Net realized and unrealized gain (loss)					
on investments	—	438	69	19	3
Net increase (decrease) in net assets					
resulting from operations	\$ —	\$ 446	\$ 67	\$ 17	\$ 3

	Pioneer Equity Income Fund - Class Y Shares	Pioneer Fund - Class Y Shares	T. Rowe Price Blue Chip Growth Fund - Advisor Class	Templeton Foreign Fund - Class A	Templeton Global Bond Fund - Class A
Net investment income (loss)					
Investment income:					
Dividends	\$ 21	\$ 6	\$ —	\$ —	\$ —
Expenses:					
Mortality and expense risk charges	—	—	—	—	—
Net investment income (loss)	21	6	—	—	—
Realized and unrealized gain (loss)					
on investments					
Net realized gain (loss) on investments	(58)	—	10	—	—
Capital gains distributions	297	98	136	—	—
Total realized gain (loss) on investments					
and capital gains distributions	239	98	146	—	—
Net unrealized appreciation					
(depreciation) of investments	(157)	30	241	—	(1)
Net realized and unrealized gain (loss)					
on investments	82	128	387	—	(1)
Net increase (decrease) in net assets					
resulting from operations	\$ 103	\$ 134	\$ 387	\$ —	\$ (1)

The accompanying notes are an integral part of these financial statements.

VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY
Statements of Operations
For the Period or Year Ended December 31, 2024
(In thousands)

	Voya Corporate Leaders® 100 Fund - Class I	Voya Global Income & Growth Fund - Class I	Voya Large Cap Value Fund - Class I	Voya Small Company Fund - Class I	Voya GNMA Income Fund - Class I
Net investment income (loss)					
Investment income:					
Dividends	\$ 10	\$ 3	\$ 5	\$ 11	\$ —
Expenses:					
Mortality and expense risk charges	3	1	2	—	—
Net investment income (loss)	7	2	3	11	—
Realized and unrealized gain (loss)					
on investments					
Net realized gain (loss) on investments	1	(1)	3	6	—
Capital gains distributions	28	9	35	62	—
Total realized gain (loss) on investments					
and capital gains distributions	29	8	38	68	—
Net unrealized appreciation					
(depreciation) of investments	46	7	10	(17)	—
Net realized and unrealized gain (loss)					
on investments	75	15	48	51	—
Net increase (decrease) in net assets					
resulting from operations	\$ 82	\$ 17	\$ 51	\$ 62	\$ —

	Voya Government Money Market Fund - Class I	Voya Intermediate Bond Fund - Class I	Voya Large Cap Growth Portfolio - Institutional Class	VY® JPMorgan Small Cap Core Equity Portfolio - Service Class	VY® T. Rowe Price Capital Appreciation Portfolio - Service Class
Net investment income (loss)					
Investment income:					
Dividends	\$ 353	\$ 45	\$ —	\$ 4	\$ 40
Expenses:					
Mortality and expense risk charges	5	—	3	—	—
Net investment income (loss)	348	45	(3)	4	40
Realized and unrealized gain (loss)					
on investments					
Net realized gain (loss) on investments	—	(13)	(99)	(102)	(11)
Capital gains distributions	4	—	—	—	19
Total realized gain (loss) on investments					
and capital gains distributions	4	(13)	(99)	(102)	8
Net unrealized appreciation					
(depreciation) of investments	—	(2)	237	237	131
Net realized and unrealized gain (loss)					
on investments	4	(15)	138	135	139
Net increase (decrease) in net assets					
resulting from operations	\$ 352	\$ 30	\$ 135	\$ 139	\$ 179

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VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY
Statements of Operations
For the Period or Year Ended December 31, 2024
(In thousands)

	Voya Global Bond Portfolio - Service Class	Voya Global Insights Portfolio - Initial Class	Voya Index Solution 2025 Portfolio - Adviser Class	Voya Index Solution 2035 Portfolio - Adviser Class	Voya Index Solution 2040 Portfolio - Adviser Class
Net investment income (loss)					
Investment income:					
Dividends	\$ 26	\$ —	\$ —	\$ —	\$ —
Expenses:					
Mortality and expense risk charges	1	7	—	—	—
Net investment income (loss)	25	(7)	—	—	—
Realized and unrealized gain (loss)					
on investments					
Net realized gain (loss) on investments	(31)	5	—	—	—
Capital gains distributions	—	850	—	—	—
Total realized gain (loss) on investments					
and capital gains distributions	(31)	855	—	—	—
Net unrealized appreciation					
(depreciation) of investments	(4)	(708)	—	(5)	—
Net realized and unrealized gain (loss)					
on investments	(35)	147	—	(5)	—
Net increase (decrease) in net assets					
resulting from operations	\$ (10)	\$ 140	\$ —	\$ (5)	\$ —

	Voya Index Solution 2045 Portfolio - Adviser Class	Voya Index Solution 2055 Portfolio - Adviser Class	Voya Solution 2025 Portfolio - Adviser Class	Voya Solution 2030 Portfolio - Adviser Class	Voya Solution 2035 Portfolio - Adviser Class
Net investment income (loss)					
Investment income:					
Dividends	\$ —	\$ —	\$ 9	\$ 14	\$ 23
Expenses:					
Mortality and expense risk charges	1	—	—	—	—
Net investment income (loss)	(1)	—	9	14	23
Realized and unrealized gain (loss)					
on investments					
Net realized gain (loss) on investments	—	—	(9)	(70)	(3)
Capital gains distributions	—	—	—	—	—
Total realized gain (loss) on investments					
and capital gains distributions	—	—	(9)	(70)	(3)
Net unrealized appreciation					
(depreciation) of investments	27	—	36	136	125
Net realized and unrealized gain (loss)					
on investments	27	—	27	66	122
Net increase (decrease) in net assets					
resulting from operations	\$ 26	\$ —	\$ 36	\$ 80	\$ 145

The accompanying notes are an integral part of these financial statements.

VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY
Statements of Operations
For the Period or Year Ended December 31, 2024
(In thousands)

	Voya Solution 2040 Portfolio - Adviser Class	Voya Solution 2045 Portfolio - Adviser Class	Voya Solution 2050 Portfolio - Adviser Class	Voya Solution 2055 Portfolio - Adviser Class	Voya Solution 2060 Portfolio - Adviser Class
Net investment income (loss)					
Investment income:					
Dividends	\$ 6	\$ 15	\$ 7	\$ 5	\$ 4
Expenses:					
Mortality and expense risk charges	—	—	—	—	—
Net investment income (loss)	6	15	7	5	4
Realized and unrealized gain (loss)					
on investments					
Net realized gain (loss) on investments	(9)	(2)	1	(23)	(13)
Capital gains distributions	—	—	—	1	2
Total realized gain (loss) on investments					
and capital gains distributions	(9)	(2)	1	(22)	(11)
Net unrealized appreciation					
(depreciation) of investments	62	141	83	82	53
Net realized and unrealized gain (loss)					
on investments	53	139	84	60	42
Net increase (decrease) in net assets					
resulting from operations	\$ 59	\$ 154	\$ 91	\$ 65	\$ 46

	Voya Solution 2065 Portfolio - Adviser Class	Voya Solution Income Portfolio - Adviser Class	VY® Baron Growth Portfolio - Service Class	VY® Invesco Comstock Portfolio - Service Class	VY® JPMorgan Mid Cap Value Portfolio - Service Class
Net investment income (loss)					
Investment income:					
Dividends	\$ 2	\$ 3	\$ —	\$ —	\$ 5
Expenses:					
Mortality and expense risk charges	—	—	—	—	—
Net investment income (loss)	2	3	—	—	5
Realized and unrealized gain (loss)					
on investments					
Net realized gain (loss) on investments	3	(15)	—	—	(14)
Capital gains distributions	11	—	1	—	30
Total realized gain (loss) on investments					
and capital gains distributions	14	(15)	1	—	16
Net unrealized appreciation					
(depreciation) of investments	(3)	18	—	—	52
Net realized and unrealized gain (loss)					
on investments	11	3	1	—	68
Net increase (decrease) in net assets					
resulting from operations	\$ 13	\$ 6	\$ 1	\$ —	\$ 73

The accompanying notes are an integral part of these financial statements.

**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**
Statements of Operations
For the Period or Year Ended December 31, 2024
(In thousands)

	VY® T. Rowe Price Growth Equity Portfolio - Service Class	Voya Russell™ Mid Cap Growth Index Portfolio - Class S	Voya MidCap Opportunities Portfolio - Class S	American Funds® Washington Mutual Investors Fund SM - Class R-4
Net investment income (loss)				
Investment income:				
Dividends	\$ —	\$ —	\$ —	\$ 23
Expenses:				
Mortality and expense risk charges	—	—	—	—
Net investment income (loss)	—	—	—	23
Realized and unrealized gain (loss)				
on investments				
Net realized gain (loss) on investments	—	—	—	132
Capital gains distributions	5	—	—	146
Total realized gain (loss) on investments and capital gains distributions	5	—	—	278
Net unrealized appreciation (depreciation) of investments	10	4	—	(7)
Net realized and unrealized gain (loss) on investments	15	4	—	271
Net increase (decrease) in net assets resulting from operations	\$ 15	\$ 4	\$ —	\$ 294

The accompanying notes are an integral part of these financial statements.

**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**
Statements of Changes in Net Assets
For the Periods or Years Ended December 31, 2024 and 2023
(In thousands)

	Allspring Diversified Capital Builder Fund - Institutional Class	American Funds® American Balanced Fund® - Class R-4	American Century Investments® Ultra® Fund - Investor Class	American Century Investments® International Growth Fund - Investor Class	Ariel Fund - Investor Class
Net assets at January 1, 2023	\$ 1,038	\$ 177	\$ 2,446	\$ —	\$ 1
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	12	3	(3)	—	—
Total realized gain (loss) on investments and capital gains distributions	71	—	536	—	—
Net unrealized appreciation (depreciation) of investments	158	21	486	—	—
Net increase (decrease) in net assets resulting from operations	241	24	1,019	—	—
Changes from principal transactions:					
Total unit transactions	80	14	(751)	—	—
Increase (decrease) in net assets derived from principal transactions	80	14	(751)	—	—
Total increase (decrease) in net assets	321	38	268	—	—
Net assets at December 31, 2023	1,359	215	2,714	—	1
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	10	3	(3)	—	—
Total realized gain (loss) on investments and capital gains distributions	126	14	312	—	—
Net unrealized appreciation (depreciation) of investments	168	13	492	—	—
Net increase (decrease) in net assets resulting from operations	304	30	801	—	—
Changes from principal transactions:					
Total unit transactions	363	15	192	—	—
Increase (decrease) in net assets derived from principal transactions	363	15	192	—	—
Total increase (decrease) in net assets	667	45	993	—	—
Net assets at December 31, 2024	<u>\$ 2,026</u>	<u>\$ 260</u>	<u>\$ 3,707</u>	<u>\$ —</u>	<u>\$ 1</u>

The accompanying notes are an integral part of these financial statements.

**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**

Statements of Changes in Net Assets

For the Periods or Years Ended December 31, 2024 and 2023

(In thousands)

	Baron Asset Fund - Retail Shares	American Funds® EuroPacific Growth Fund® - Class R-4	Fidelity Advisor® Equity Growth Fund - Class M	Fidelity Advisor® Equity Income Fund - Class M	Fidelity Advisor® Growth Opportunities Fund - Class M
Net assets at January 1, 2023	\$ 472	\$ 755	\$ 334	\$ 171	\$ 436
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	—	11	(2)	3	(3)
Total realized gain (loss) on investments					
and capital gains distributions	32	32	14	4	13
Net unrealized appreciation					
(depreciation) of investments	34	66	103	10	181
Net increase (decrease) in net assets					
resulting from operations	66	109	115	17	191
Changes from principal transactions:					
Total unit transactions	(106)	(358)	(21)	(4)	(13)
Increase (decrease) in net assets					
derived from principal transactions	(106)	(358)	(21)	(4)	(13)
Total increase (decrease) in net assets	(40)	(249)	94	13	178
Net assets at December 31, 2023	432	506	428	184	614
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	—	9	(1)	3	(4)
Total realized gain (loss) on investments					
and capital gains distributions	102	8	106	11	8
Net unrealized appreciation					
(depreciation) of investments	(48)	5	(52)	7	228
Net increase (decrease) in net assets					
resulting from operations	54	22	53	21	232
Changes from principal transactions:					
Total unit transactions	130	273	(299)	21	1
Increase (decrease) in net assets					
derived from principal transactions	130	273	(299)	21	1
Total increase (decrease) in net assets	184	295	(246)	42	233
Net assets at December 31, 2024	<u>\$ 616</u>	<u>\$ 801</u>	<u>\$ 182</u>	<u>\$ 226</u>	<u>\$ 847</u>

The accompanying notes are an integral part of these financial statements.

**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**
Statements of Changes in Net Assets
For the Periods or Years Ended December 31, 2024 and 2023
(In thousands)

	Goldman Sachs Mid Cap Value Fund - Class A Shares	American Funds® The Growth Fund of America® - Class R-4	Lord Abbett Mid Cap Stock Fund - Class A	Neuberger Berman Genesis Fund - Trust Class Shares	Neuberger Berman Large Cap Growth Fund - Trust Class Shares
Net assets at January 1, 2023	\$ 1	\$ 1,053	\$ 363	\$ 182	\$ 11
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	—	7	(2)	(2)	—
Total realized gain (loss) on investments					
and capital gains distributions	—	132	3	6	1
Net unrealized appreciation					
(depreciation) of investments	—	262	58	22	3
Net increase (decrease) in net assets					
resulting from operations	—	401	59	26	4
Changes from principal transactions:					
Total unit transactions	—	(18)	39	2	(1)
Increase (decrease) in net assets					
derived from principal transactions	—	(18)	39	2	(1)
Total increase (decrease) in net assets	—	383	98	28	3
Net assets at December 31, 2023	1	1,436	461	210	14
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	—	8	(2)	(2)	—
Total realized gain (loss) on investments					
and capital gains distributions	—	250	51	5	1
Net unrealized appreciation					
(depreciation) of investments	—	188	18	14	2
Net increase (decrease) in net assets					
resulting from operations	—	446	67	17	3
Changes from principal transactions:					
Total unit transactions	—	418	20	11	1
Increase (decrease) in net assets					
derived from principal transactions	—	418	20	11	1
Total increase (decrease) in net assets	—	864	87	28	4
Net assets at December 31, 2024	<u>\$ 1</u>	<u>\$ 2,300</u>	<u>\$ 548</u>	<u>\$ 238</u>	<u>\$ 18</u>

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**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**
Statements of Changes in Net Assets
For the Periods or Years Ended December 31, 2024 and 2023
(In thousands)

	Pioneer Equity Income Fund - Class Y Shares	Pioneer Fund - Class Y Shares	T. Rowe Price Blue Chip Growth Fund - Advisor Class	Templeton Foreign Fund - Class A	Templeton Global Bond Fund - Class A
Net assets at January 1, 2023	\$ 981	\$ 206	\$ 584	\$ 3	\$ 8
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	19	3	—	—	—
Total realized gain (loss) on investments and capital gains distributions	150	(2)	60	—	—
Net unrealized appreciation (depreciation) of investments	(90)	59	276	1	—
Net increase (decrease) in net assets resulting from operations	79	60	336	1	—
Changes from principal transactions:					
Total unit transactions	74	8	143	—	—
Increase (decrease) in net assets derived from principal transactions	74	8	143	—	—
Total increase (decrease) in net assets	153	68	479	1	—
Net assets at December 31, 2023	1,134	274	1,063	4	8
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	21	6	—	—	—
Total realized gain (loss) on investments and capital gains distributions	239	98	146	—	—
Net unrealized appreciation (depreciation) of investments	(157)	30	241	—	(1)
Net increase (decrease) in net assets resulting from operations	103	134	387	—	(1)
Changes from principal transactions:					
Total unit transactions	(204)	434	178	—	1
Increase (decrease) in net assets derived from principal transactions	(204)	434	178	—	1
Total increase (decrease) in net assets	(101)	568	565	—	—
Net assets at December 31, 2024	<u>\$ 1,033</u>	<u>\$ 842</u>	<u>\$ 1,628</u>	<u>\$ 4</u>	<u>\$ 8</u>

The accompanying notes are an integral part of these financial statements.

**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**
Statements of Changes in Net Assets
For the Periods or Years Ended December 31, 2024 and 2023
(In thousands)

	Voya Corporate Leaders® 100 Fund - Class I	Voya Global Income & Growth Fund - Class I	Voya Large Cap Value Fund - Class I	Voya Small Company Fund - Class I	Voya GNMA Income Fund - Class I
Net assets at January 1, 2023	\$ 384	\$ 163	\$ 292	\$ 825	\$ —
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	5	4	3	2	—
Total realized gain (loss) on investments and capital gains distributions	13	(2)	26	(84)	—
Net unrealized appreciation (depreciation) of investments	54	22	10	176	—
Net increase (decrease) in net assets resulting from operations	72	24	39	94	—
Changes from principal transactions:					
Total unit transactions	12	(1)	8	(364)	—
Increase (decrease) in net assets derived from principal transactions	12	(1)	8	(364)	—
Total increase (decrease) in net assets	84	23	47	(270)	—
Net assets at December 31, 2023	468	186	339	555	—
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	7	2	3	11	—
Total realized gain (loss) on investments and capital gains distributions	29	8	38	68	—
Net unrealized appreciation (depreciation) of investments	46	7	10	(17)	—
Net increase (decrease) in net assets resulting from operations	82	17	51	62	—
Changes from principal transactions:					
Total unit transactions	12	(81)	(64)	3	—
Increase (decrease) in net assets derived from principal transactions	12	(81)	(64)	3	—
Total increase (decrease) in net assets	94	(64)	(13)	65	—
Net assets at December 31, 2024	\$ 562	\$ 122	\$ 326	\$ 620	\$ —

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**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**
Statements of Changes in Net Assets
For the Periods or Years Ended December 31, 2024 and 2023
(In thousands)

	Voya Government Money Market Fund - Class I	Voya Intermediate Bond Fund - Class I	Voya Large Cap Growth Portfolio - Institutional Class	VY® JPMorgan Small Cap Core Equity Portfolio - Service Class	VY® T. Rowe Price Capital Appreciation Portfolio - Service Class
Net assets at January 1, 2023	\$ 607	\$ 595	\$ 450	\$ 1,096	\$ 618
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	78	26	(3)	2	29
Total realized gain (loss) on investments and capital gains distributions	—	(4)	(17)	73	135
Net unrealized appreciation (depreciation) of investments	—	22	190	67	22
Net increase (decrease) in net assets resulting from operations	78	44	170	142	186
Changes from principal transactions:					
Total unit transactions	3,240	56	(15)	74	680
Increase (decrease) in net assets derived from principal transactions	3,240	56	(15)	74	680
Total increase (decrease) in net assets	3,318	100	155	216	866
Net assets at December 31, 2023	3,925	695	605	1,312	1,484
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	348	45	(3)	4	40
Total realized gain (loss) on investments and capital gains distributions	4	(13)	(99)	(102)	8
Net unrealized appreciation (depreciation) of investments	—	(2)	237	237	131
Net increase (decrease) in net assets resulting from operations	352	30	135	139	179
Changes from principal transactions:					
Total unit transactions	4,370	328	(255)	(112)	(71)
Increase (decrease) in net assets derived from principal transactions	4,370	328	(255)	(112)	(71)
Total increase (decrease) in net assets	4,722	358	(120)	27	108
Net assets at December 31, 2024	\$ 8,647	\$ 1,053	\$ 485	\$ 1,339	\$ 1,592

The accompanying notes are an integral part of these financial statements.

**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**
Statements of Changes in Net Assets
For the Periods or Years Ended December 31, 2024 and 2023
(In thousands)

	Voya Global Bond Portfolio - Service Class	Voya Global Insights Portfolio - Initial Class	Voya Index Solution 2025 Portfolio - Adviser Class	Voya Index Solution 2035 Portfolio - Adviser Class	Voya Index Solution 2040 Portfolio - Adviser Class
Net assets at January 1, 2023	\$ 482	\$ 1,176	\$ —	\$ —	\$ 2
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	19	(5)	—	—	—
Total realized gain (loss) on investments and capital gains distributions	(3)	158	—	—	—
Net unrealized appreciation (depreciation) of investments	18	239	—	—	—
Net increase (decrease) in net assets resulting from operations	34	392	—	—	—
Changes from principal transactions:					
Total unit transactions	126	85	6	—	—
Increase (decrease) in net assets derived from principal transactions	126	85	6	—	—
Total increase (decrease) in net assets	160	477	6	—	—
Net assets at December 31, 2023	642	1,653	6	—	2
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	25	(7)	—	—	—
Total realized gain (loss) on investments and capital gains distributions	(31)	855	—	—	—
Net unrealized appreciation (depreciation) of investments	(4)	(708)	—	(5)	—
Net increase (decrease) in net assets resulting from operations	(10)	140	—	(5)	—
Changes from principal transactions:					
Total unit transactions	(10)	(230)	1	357	—
Increase (decrease) in net assets derived from principal transactions	(10)	(230)	1	357	—
Total increase (decrease) in net assets	(20)	(90)	1	352	—
Net assets at December 31, 2024	<u>\$ 622</u>	<u>\$ 1,563</u>	<u>\$ 7</u>	<u>\$ 352</u>	<u>\$ 2</u>

The accompanying notes are an integral part of these financial statements.

**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**
Statements of Changes in Net Assets
For the Periods or Years Ended December 31, 2024 and 2023
(In thousands)

	Voya Index Solution 2045 Portfolio - Adviser Class	Voya Index Solution 2055 Portfolio - Adviser Class	Voya Solution 2025 Portfolio - Adviser Class	Voya Solution 2030 Portfolio - Adviser Class	Voya Solution 2035 Portfolio - Adviser Class
Net assets at January 1, 2023	\$ 160	\$ 1	\$ 347	\$ 559	\$ 839
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	1	—	10	18	32
Total realized gain (loss) on investments					
and capital gains distributions	14	—	5	9	31
Net unrealized appreciation					
(depreciation) of investments	15	—	36	70	94
Net increase (decrease) in net assets					
resulting from operations	30	—	51	97	157
Changes from principal transactions:					
Total unit transactions	(1)	—	48	134	125
Increase (decrease) in net assets					
derived from principal transactions	(1)	—	48	134	125
Total increase (decrease) in net assets	29	—	99	231	282
Net assets at December 31, 2023	189	1	446	790	1,121
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	(1)	—	9	14	23
Total realized gain (loss) on investments					
and capital gains distributions	—	—	(9)	(70)	(3)
Net unrealized appreciation					
(depreciation) of investments	27	—	36	136	125
Net increase (decrease) in net assets					
resulting from operations	26	—	36	80	145
Changes from principal transactions:					
Total unit transactions	—	3	19	(376)	393
Increase (decrease) in net assets					
derived from principal transactions	—	3	19	(376)	393
Total increase (decrease) in net assets	26	3	55	(296)	538
Net assets at December 31, 2024	\$ 215	\$ 4	\$ 501	\$ 494	\$ 1,659

The accompanying notes are an integral part of these financial statements.

**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**
Statements of Changes in Net Assets
For the Periods or Years Ended December 31, 2024 and 2023
(In thousands)

	Voya Solution 2040 Portfolio - Adviser Class	Voya Solution 2045 Portfolio - Adviser Class	Voya Solution 2050 Portfolio - Adviser Class	Voya Solution 2055 Portfolio - Adviser Class	Voya Solution 2060 Portfolio - Adviser Class
Net assets at January 1, 2023	\$ 191	\$ 759	\$ 432	\$ 397	\$ 188
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	11	28	16	10	7
Total realized gain (loss) on investments and capital gains distributions	9	39	11	(29)	2
Net unrealized appreciation (depreciation) of investments	30	94	69	90	35
Net increase (decrease) in net assets resulting from operations	50	161	96	71	44
Changes from principal transactions:					
Total unit transactions	173	126	66	(36)	46
Increase (decrease) in net assets derived from principal transactions	173	126	66	(36)	46
Total increase (decrease) in net assets	223	287	162	35	90
Net assets at December 31, 2023	414	1,046	594	432	278
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	6	15	7	5	4
Total realized gain (loss) on investments and capital gains distributions	(9)	(2)	1	(22)	(11)
Net unrealized appreciation (depreciation) of investments	62	141	83	82	53
Net increase (decrease) in net assets resulting from operations	59	154	91	65	46
Changes from principal transactions:					
Total unit transactions	407	175	53	55	49
Increase (decrease) in net assets derived from principal transactions	407	175	53	55	49
Total increase (decrease) in net assets	466	329	144	120	95
Net assets at December 31, 2024	<u>\$ 880</u>	<u>\$ 1,375</u>	<u>\$ 738</u>	<u>\$ 552</u>	<u>\$ 373</u>

The accompanying notes are an integral part of these financial statements.

**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**
Statements of Changes in Net Assets
For the Periods or Years Ended December 31, 2024 and 2023
(In thousands)

	Voya Solution 2065 Portfolio - Adviser Class	Voya Solution Income Portfolio - Adviser Class	VY® Baron Growth Portfolio - Service Class	VY® Invesco Comstock Portfolio - Service Class	VY® JPMorgan Mid Cap Value Portfolio - Service Class
Net assets at January 1, 2023	\$ 15	\$ 97	\$ 23	\$ 4	\$ 754
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	—	3	—	—	6
Total realized gain (loss) on investments					
and capital gains distributions	(1)	—	1	1	32
Net unrealized appreciation					
(depreciation) of investments	6	8	2	—	31
Net increase (decrease) in net assets					
resulting from operations	5	11	3	1	69
Changes from principal transactions:					
Total unit transactions	33	11	—	(1)	(84)
Increase (decrease) in net assets					
derived from principal transactions	33	11	—	(1)	(84)
Total increase (decrease) in net assets	38	22	3	—	(15)
Net assets at December 31, 2023	53	119	26	4	739
Increase (decrease) in net assets					
Operations:					
Net investment income (loss)	2	3	—	—	5
Total realized gain (loss) on investments					
and capital gains distributions	14	(15)	1	—	16
Net unrealized appreciation					
(depreciation) of investments	(3)	18	—	—	52
Net increase (decrease) in net assets					
resulting from operations	13	6	1	—	73
Changes from principal transactions:					
Total unit transactions	91	(41)	12	2	(168)
Increase (decrease) in net assets					
derived from principal transactions	91	(41)	12	2	(168)
Total increase (decrease) in net assets	104	(35)	13	2	(95)
Net assets at December 31, 2024	\$ 157	\$ 84	\$ 39	\$ 6	\$ 644

The accompanying notes are an integral part of these financial statements.

**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**
Statements of Changes in Net Assets
For the Periods or Years Ended December 31, 2024 and 2023
(In thousands)

	VY® T. Rowe Price Growth Equity Portfolio - Service Class	Voya Russell™ Mid Cap Growth Index Portfolio - Class S	Voya MidCap Opportunities Portfolio - Class S	American Funds® Washington Mutual Investors Fund SM - Class R-4
Net assets at January 1, 2023	\$ 32	\$ 15	\$ 1	\$ 1,465
Increase (decrease) in net assets				
Operations:				
Net investment income (loss)	—	—	—	25
Total realized gain (loss) on investments and capital gains distributions	(1)	—	—	92
Net unrealized appreciation (depreciation) of investments	15	4	—	110
Net increase (decrease) in net assets resulting from operations	14	4	—	227
Changes from principal transactions:				
Total unit transactions	(7)	(1)	—	102
Increase (decrease) in net assets derived from principal transactions	(7)	(1)	—	102
Total increase (decrease) in net assets	7	3	—	329
Net assets at December 31, 2023	39	18	1	1,794
Increase (decrease) in net assets				
Operations:				
Net investment income (loss)	—	—	—	23
Total realized gain (loss) on investments and capital gains distributions	5	—	—	278
Net unrealized appreciation (depreciation) of investments	10	4	—	(7)
Net increase (decrease) in net assets resulting from operations	15	4	—	294
Changes from principal transactions:				
Total unit transactions	76	—	—	(216)
Increase (decrease) in net assets derived from principal transactions	76	—	—	(216)
Total increase (decrease) in net assets	91	4	—	78
Net assets at December 31, 2024	<u>\$ 130</u>	<u>\$ 22</u>	<u>\$ 1</u>	<u>\$ 1,872</u>

The accompanying notes are an integral part of these financial statements.

VARIABLE ANNUITY ACCOUNT F OF VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY

Notes to Financial Statements

1. ORGANIZATION

Variable Annuity Account F of Voya Retirement Insurance and Annuity Company (the "Account") was established by Voya Retirement Insurance and Annuity Company ("VRIAC" or the "Company") to support the operations of variable annuity contracts ("Contracts"). The Company is an indirect, wholly owned subsidiary of Voya Financial, Inc., a holding company domiciled in the State of Delaware.

The Account is not registered as a unit investment trust with the Securities and Exchange Commission under the Investment Company Act of 1940, by virtue of the provisions of Section 3 (c)(11) thereof. VRIAC provides for variable accumulation and benefits under the Contracts by crediting annuity considerations to one or more subaccounts within the Account or an investment option in the Company's fixed account, as directed by the contract owners. The portion of the Account's assets applicable to Contracts will not be charged with liabilities arising out of any other business VRIAC may conduct, but obligations of the Account, including the promise to make benefit payments, are obligations of VRIAC. Under applicable insurance law, the assets and liabilities of the Account are clearly identified and distinguished from the other assets and liabilities of VRIAC.

The Account provides its principal products and services through one operating segment. The Director and President of the Company is the chief operating decision maker ("CODM"). The CODM assesses performance and makes resource allocation decisions based upon the Net increase (decrease) in net assets resulting from operations presented in the Statements of Operations. The measure of segment assets is reported on the Statements of Assets and Liabilities as Total assets. Significant expenses regularly provided to the CODM are consistent with those presented in the Statements of Operations.

As of December 31, 2024, the Account had 54 subaccounts, 21 of which invest in independently managed mutual funds and 33 of which invest in mutual funds managed by an affiliate, Voya Investments, LLC. The assets in each subaccount are invested in shares of a designated fund of various investment trusts (the "Trusts"). The subaccounts with asset balances at December 31, 2024 are as follows:

Allspring Funds Trust:	Pioneer Fund - Class Y Shares
Allspring Diversified Capital Builder Fund - Institutional Class	T. Rowe Price Blue Chip Growth Fund, Inc.:
American Balanced Fund:	T. Rowe Price Blue Chip Growth Fund - Advisor Class
American Funds® American Balanced Fund® - Class R-4	Templeton Funds:
American Century Mutual Funds, Inc.:	Templeton Foreign Fund - Class A
American Century Investments® Ultra® Fund - Investor Class	Templeton Income Trust:
American Century World Mutual Funds, Inc.:	Templeton Global Bond Fund - Class A
American Century Investments® International Growth Fund - Investor Class	Voya Equity Trust:
Ariel Investment Trust:	Voya Corporate Leaders® 100 Fund - Class I
Ariel Fund - Investor Class	Voya Global Income & Growth Fund - Class I
Baron Investment Funds Trust:	Voya Large Cap Value Fund - Class I
Baron Asset Fund - Retail Shares	Voya Small Company Fund - Class I
EuroPacific Growth Fund:	Voya Funds Trust:
American Funds® EuroPacific Growth Fund® - Class R-4	Voya GNMA Income Fund - Class I
Fidelity Advisor Series I:	Voya Government Money Market Fund - Class I
Fidelity Advisor® Equity Growth Fund - Class M	Voya Intermediate Bond Fund - Class I
Fidelity Advisor® Equity Income Fund - Class M	Voya Investors Trust:
Fidelity Advisor® Growth Opportunities Fund - Class M	Voya Large Cap Growth Portfolio - Institutional Class
Goldman Sachs Trust:	VY® JPMorgan Small Cap Core Equity Portfolio - Service Class
Goldman Sachs Mid Cap Value Fund - Class A Shares	VY® T. Rowe Price Capital Appreciation Portfolio - Service Class
The Growth Fund of America:	Voya Partners, Inc.:
American Funds® The Growth Fund of America® - Class R-4	Voya Global Bond Portfolio - Service Class
Lord Abbett Mid Cap Stock Fund, Inc.:	Voya Global Insights Portfolio - Initial Class
Lord Abbett Mid Cap Stock Fund - Class A	Voya Index Solution 2025 Portfolio - Adviser Class
Neuberger Berman Equity Funds:	Voya Index Solution 2035 Portfolio - Adviser Class
Neuberger Berman Genesis Fund - Trust Class Shares	Voya Index Solution 2040 Portfolio - Adviser Class
Neuberger Berman Large Cap Growth Fund - Trust Class Shares	Voya Index Solution 2045 Portfolio - Adviser Class
Pioneer Equity Income Fund:	Voya Index Solution 2055 Portfolio - Adviser Class
Pioneer Equity Income Fund - Class Y Shares	Voya Solution 2025 Portfolio - Adviser Class
Pioneer Fund:	Voya Solution 2030 Portfolio - Adviser Class

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Voya Solution 2035 Portfolio - Adviser Class	VY@ Invesco Comstock Portfolio - Service Class
Voya Solution 2040 Portfolio - Adviser Class	VY@ JPMorgan Mid Cap Value Portfolio - Service Class
Voya Solution 2045 Portfolio - Adviser Class	VY@ T. Rowe Price Growth Equity Portfolio - Service Class
Voya Solution 2050 Portfolio - Adviser Class	Voya Variable Portfolios, Inc.:
Voya Solution 2055 Portfolio - Adviser Class	Voya Russell™ Mid Cap Growth Index Portfolio - Class S
Voya Solution 2060 Portfolio - Adviser Class	Voya Variable Products Trust:
Voya Solution 2065 Portfolio - Adviser Class	Voya MidCap Opportunities Portfolio - Class S
Voya Solution Income Portfolio - Adviser Class	Washington Mutual Investors Fund:
VY@ Baron Growth Portfolio - Service Class	American Funds® Washington Mutual Investors Fund SM - Class R-4

The following subaccount was added as a new investment product during 2024. Refer to the *Financial Highlights* Note for the Fund Inception Date.

Voya Partners, Inc.:
Voya Index Solution 2035 Portfolio - Adviser Class

The following subaccount name change was made effective during 2024:

Current Name	Former Name
Voya Equity Trust:	Voya Equity Trust:
Voya Global Income & Growth Fund - Class I	Voya Global Multi-Asset Fund - Class I

2. SIGNIFICANT ACCOUNTING POLICIES

The following is a summary of the significant accounting policies of the Account:

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

Investments

Investments are made in shares of a subaccount and are recorded at fair value, determined by the net asset value per share of the respective subaccount. Investment transactions in each subaccount are recorded on the trade date. Distributions of net investment income and capital gains from each subaccount are recognized on the ex-distribution date. Realized gains and losses on redemptions of the shares of the subaccount are determined on a first-in, first-out basis. The difference between cost and current fair value of investments owned on the day of measurement is recorded as unrealized appreciation or depreciation of investments.

Federal Income Taxes

Operations of the Account form a part of, and are taxed with, the total operations of VRIAC, which is taxed as a life insurance company under the Internal Revenue Code ("IRC"). Under the current provisions of the IRC, the Company does not expect to incur federal income taxes on the earnings of the Account to the extent the earnings are credited to contract owners. Accordingly, earnings and realized capital gains of the Account attributable to the contract owners are excluded in the determination of the federal income tax liability of VRIAC, and no charge is being made to the Account for federal income taxes for these amounts. The Company will review this tax accounting in the event of changes in the tax law. Such changes in the law may result in a charge for federal income taxes. Uncertain tax positions are assessed at the parent level on a consolidated basis, including taxes of the operations of the Separate Account.

Contract Owner Reserves

The annuity reserves of the Account are represented by net assets on the Statements of Assets and Liabilities and are equal to the aggregate account values of the contract owners invested in the subaccounts. To the extent that benefits to be paid to the contract

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owners exceed their account values, VRIAC will contribute additional funds to the benefit proceeds. Conversely, if amounts allocated exceed amounts required, transfers may be made to VRIAC. All Contracts in the Account are currently in the accumulation period. Prior to the annuitization date, the Contracts are redeemable for the net cash surrender value of the Contracts.

Changes from Principal Transactions

Included in Changes from principal transactions on the Statements of Changes in Net Assets are items which relate to contract owner activity, including deposits, surrenders and withdrawals, death benefits, and contract charges. Also included are transfers between the fixed account and the subaccounts, transfers between subaccounts, and transfers to (from) VRIAC related to gains and losses resulting from actual mortality experience (the full responsibility for which is assumed by VRIAC).

Subsequent Events

The Company has evaluated all events through the date the financial statements were issued to determine whether any event required either recognition or disclosure in the financial statements. The Company is not aware of any subsequent events that would have a material effect on the financial statements of the Account.

3. FINANCIAL INSTRUMENTS

The Account invests assets in shares of open-end mutual funds, which process orders to purchase and redeem shares on a daily basis at the fund's next computed net asset values ("NAV"). The fair value of the Account's assets is based on the NAVs of mutual funds, which are obtained from the transfer agents or fund companies and reflect the fair values of the mutual fund investments. The NAV is calculated daily upon close of the New York Stock Exchange and is based on the fair values of the underlying securities.

The Account's assets are recorded at fair value on the Statements of Assets and Liabilities and are categorized as Level 1 as of December 31, 2024 based on the priority of the inputs to the valuation technique below. There were no transfers among the levels for the year ended December 31, 2024. The Account had no liabilities as of December 31, 2024.

The Account categorizes its financial instruments into a three-level hierarchy based on the priority of inputs to the valuation technique. The fair value hierarchy gives the highest priority to quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). If the inputs used to measure fair value fall within different levels of the hierarchy, the category level is based on the lowest priority level input that is significant to the fair value measurement of the instrument.

- Level 1 - Unadjusted quoted prices for identical assets or liabilities in an active market. The Account defines an active market as a market in which transactions take place with sufficient frequency and volume to provide pricing information on an ongoing basis.
- Level 2 - Quoted prices in markets that are not active or valuation techniques that require inputs that are observable either directly or indirectly for substantially the full term of the asset or liability. Level 2 inputs include the following:
 - a. Quoted prices for similar assets or liabilities in active markets;
 - b. Quoted prices for identical or similar assets or liabilities in non-active markets;
 - c. Inputs other than quoted market prices that are observable; and
 - d. Inputs that are derived principally from or corroborated by observable market data through correlation or other means.
- Level 3 - Prices or valuation techniques that require inputs that are both unobservable and significant to the overall fair value measurement. These valuations, whether derived internally or obtained from a third party, use critical assumptions that are not widely available to estimate market participant expectations in valuing the asset or liability.

4. CHARGES AND FEES

Under the terms of the Contracts, certain charges and fees are incurred by the Contracts to cover VRIAC's expenses in connection with the issuance and administration of the Contracts. Following is a summary of these charges and fees:

Mortality and Expense Risk Charges

VRIAC assumes mortality and expense risks related to the operations of the Account and, in accordance with the terms of the Contracts, deducts a daily charge from the assets of the Account. Daily charges are deducted at annual rates of up to 1.20% of the

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average daily net asset value of each subaccount of the Account to cover these risks, as specified in the Contracts. These charges are assessed through a reduction in unit values.

Asset-Based Administrative Charges

A charge to cover administrative expenses of the Account is deducted at an annual rate of up to 0.25% of the assets attributable to the Contracts. These charges are assessed through a reduction in unit values.

Contract Maintenance Charges

An annual Contract maintenance fee of up to \$30 may be deducted from the accumulation value of Contracts to cover ongoing administrative expenses, as specified in the Contract. These charges are assessed through the redemption of units.

5. RELATED PARTY TRANSACTIONS

Management fees were paid to Voya Investments, LLC, an affiliate of the Company, in its capacity as investment adviser to Voya Equity Trust, Voya Funds Trust, Voya Investors Trust, Voya Partners, Inc., Voya Variable Portfolios, Inc., and Voya Variable Products Trust. The investment advisory agreements of the Trusts provide for fees at annual rates ranging from 0.20% to 0.95% of the average net assets of each respective fund.

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6. PURCHASES AND SALES OF INVESTMENT SECURITIES

The aggregate cost of purchases and proceeds from sales of investments for the year ended December 31, 2024 follow:

	Purchases	Sales
	<i>(In thousands)</i>	
Allspring Funds Trust:		
Allspring Diversified Capital Builder Fund - Institutional Class	\$ 619	\$ 152
American Balanced Fund:		
American Funds® American Balanced Fund® - Class R-4	51	21
American Century Mutual Funds, Inc.:		
American Century Investments® Ultra® Fund - Investor Class	685	369
American Century World Mutual Funds, Inc.:		
American Century Investments® International Growth Fund - Investor Class	—	—
Ariel Investment Trust:		
Ariel Fund - Investor Class	—	—
Baron Investment Funds Trust:		
Baron Asset Fund - Retail Shares	251	22
EuroPacific Growth Fund:		
American Funds® EuroPacific Growth Fund® - Class R-4	532	209
Fidelity Advisor Series I:		
Fidelity Advisor® Equity Growth Fund - Class M	29	308
Fidelity Advisor® Equity Income Fund - Class M	42	7
Fidelity Advisor® Growth Opportunities Fund - Class M	9	12
Goldman Sachs Trust:		
Goldman Sachs Mid Cap Value Fund - Class A Shares	—	—
The Growth Fund of America:		
American Funds® The Growth Fund of America® - Class R-4	847	240
Lord Abbett Mid Cap Stock Fund, Inc.:		
Lord Abbett Mid Cap Stock Fund - Class A	86	23
Neuberger Berman Equity Funds:		
Neuberger Berman Genesis Fund - Trust Class Shares	18	4
Neuberger Berman Large Cap Growth Fund - Trust Class Shares	—	—
Pioneer Equity Income Fund:		
Pioneer Equity Income Fund - Class Y Shares	518	403
Pioneer Fund:		
Pioneer Fund - Class Y Shares	552	14
T. Rowe Price Blue Chip Growth Fund, Inc.:		
T. Rowe Price Blue Chip Growth Fund - Advisor Class	475	161
Templeton Funds:		
Templeton Foreign Fund - Class A	1	—
Templeton Income Trust:		
Templeton Global Bond Fund - Class A	1	—
Voya Equity Trust:		
Voya Corporate Leaders® 100 Fund - Class I	49	3
Voya Global Income & Growth Fund - Class I	23	92
Voya Large Cap Value Fund - Class I	64	89
Voya Small Company Fund - Class I	109	33
Voya Funds Trust:		
Voya GNMA Income Fund - Class I	—	—
Voya Government Money Market Fund - Class I	7,838	3,116
Voya Intermediate Bond Fund - Class I	464	91
Voya Investors Trust:		
Voya Large Cap Growth Portfolio - Institutional Class	7	264
VY® JPMorgan Small Cap Core Equity Portfolio - Service Class	297	404
VY® T. Rowe Price Capital Appreciation Portfolio - Service Class	108	119
Voya Partners, Inc.:		

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	Purchases	Sales
	<i>(In thousands)</i>	
Voya Global Bond Portfolio - Service Class	\$ 108	\$ 93
Voya Global Insights Portfolio - Initial Class	975	361
Voya Index Solution 2025 Portfolio - Adviser Class	—	—
Voya Index Solution 2035 Portfolio - Adviser Class	357	—
Voya Index Solution 2040 Portfolio - Adviser Class	—	—
Voya Index Solution 2045 Portfolio - Adviser Class	(1)	1
Voya Index Solution 2055 Portfolio - Adviser Class	3	—
Voya Solution 2025 Portfolio - Adviser Class	66	39
Voya Solution 2030 Portfolio - Adviser Class	88	450
Voya Solution 2035 Portfolio - Adviser Class	437	21
Voya Solution 2040 Portfolio - Adviser Class	475	62
Voya Solution 2045 Portfolio - Adviser Class	197	7
Voya Solution 2050 Portfolio - Adviser Class	104	44
Voya Solution 2055 Portfolio - Adviser Class	129	68
Voya Solution 2060 Portfolio - Adviser Class	119	64
Voya Solution 2065 Portfolio - Adviser Class	114	12
Voya Solution Income Portfolio - Adviser Class	15	54
VY® Baron Growth Portfolio - Service Class	13	—
VY® Invesco Comstock Portfolio - Service Class	1	—
VY® JPMorgan Mid Cap Value Portfolio - Service Class	125	258
VY® T. Rowe Price Growth Equity Portfolio - Service Class	82	—
Voya Variable Portfolios, Inc.:		
Voya Russell™ Mid Cap Growth Index Portfolio - Class S	—	—
Voya Variable Products Trust:		
Voya MidCap Opportunities Portfolio - Class S	—	—
Washington Mutual Investors Fund:		
American Funds® Washington Mutual Investors Fund SM - Class R-4	484	530

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7. CHANGES IN UNITS

The net changes in units outstanding follow:

	Year Ended December 31,					
	2024			2023		
	Units Issued	Units Redeemed	Net Increase (Decrease)	Units Issued	Units Redeemed	Net Increase (Decrease)
Allspring Funds Trust:						
Allspring Diversified Capital Builder Fund - Institutional Class	10,102	3,180	6,922	7,575	5,590	1,985
American Balanced Fund:						
American Funds® American Balanced Fund® - Class R-4	376	1	375	6,328	6,008	320
American Century Mutual Funds, Inc.:						
American Century Investments® Ultra® Fund - Investor Class	2,748	2,023	725	4,373	8,906	(4,533)
American Century World Mutual Funds, Inc.:						
American Century Investments® International Growth Fund - Investor Class	—	—	—	—	—	—
Ariel Investment Trust:						
Ariel Fund - Investor Class	—	—	—	—	—	—
Baron Investment Funds Trust:						
Baron Asset Fund - Retail Shares	2,075	306	1,769	418	2,113	(1,695)
EuroPacific Growth Fund:						
American Funds® EuroPacific Growth Fund® - Class R-4	12,182	5,174	7,008	3,313	13,228	(9,915)
Fidelity Advisor Series I:						
Fidelity Advisor® Equity Growth Fund - Class M	53	2,037	(1,984)	2,629	2,839	(210)
Fidelity Advisor® Equity Income Fund - Class M	311	73	238	632	702	(70)
Fidelity Advisor® Growth Opportunities Fund - Class M	70	60	10	3,620	3,841	(221)
Goldman Sachs Trust:						
Goldman Sachs Mid Cap Value Fund - Class A Shares	—	—	—	—	—	—
The Growth Fund of America:						
American Funds® The Growth Fund of America® - Class R-4	8,435	3,225	5,210	2,496	2,614	(118)
Lord Abbett Mid Cap Stock Fund, Inc.:						
Lord Abbett Mid Cap Stock Fund - Class A	995	454	541	1,662	440	1,222
Neuberger Berman Equity Funds:						
Neuberger Berman Genesis Fund - Trust Class Shares	75	15	60	75	64	11
Neuberger Berman Large Cap Growth Fund - Trust Class Shares	—	—	—	—	—	—
Pioneer Equity Income Fund:						
Pioneer Equity Income Fund - Class Y Shares	6,840	12,956	(6,116)	3,020	722	2,298
Pioneer Fund:						
Pioneer Fund - Class Y Shares	9,239	246	8,993	856	671	185
T. Rowe Price Blue Chip Growth Fund, Inc.:						
T. Rowe Price Blue Chip Growth Fund - Advisor Class	5,154	2,600	2,554	7,964	4,451	3,513
Templeton Funds:						
Templeton Foreign Fund - Class A	10	—	10	84	95	(11)
Templeton Income Trust:						
Templeton Global Bond Fund - Class A	27	—	27	227	237	(10)
Voya Equity Trust:						
Voya Corporate Leaders® 100 Fund - Class I	320	14	306	406	70	336
Voya Global Income & Growth Fund - Class I	2,431	4,357	(1,926)	447	473	(26)
Voya Large Cap Value Fund - Class I	1,581	3,778	(2,197)	9,253	8,994	259
Voya Small Company Fund - Class I	298	260	38	514	3,826	(3,312)
Voya Funds Trust:						
Voya GNMA Income Fund - Class I	—	—	—	—	—	—
Voya Government Money Market Fund - Class I	471,059	239,694	231,365	222,610	44,345	178,265
Voya Intermediate Bond Fund - Class I	21,102	4,473	16,629	4,584	1,651	2,933
Voya Investors Trust:						
Voya Large Cap Growth Portfolio - Institutional Class	243	8,714	(8,471)	11,874	12,375	(501)
VY® JPMorgan Small Cap Core Equity Portfolio - Service Class	6,871	9,130	(2,259)	2,080	302	1,778

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	Year Ended December 31,					
	2024			2023		
	Units Issued	Units Redeemed	Net Increase (Decrease)	Units Issued	Units Redeemed	Net Increase (Decrease)
VY® T. Rowe Price Capital Appreciation Portfolio - Service Class	1,074	2,696	(1,622)	17,941	119	17,822
Voya Partners, Inc.:						
Voya Global Bond Portfolio - Service Class	5,577	6,229	(652)	14,688	6,371	8,317
Voya Global Insights Portfolio - Initial Class	2,905	7,576	(4,671)	7,773	5,753	2,020
Voya Index Solution 2025 Portfolio - Adviser Class	—	—	—	490	191	299
Voya Index Solution 2035 Portfolio - Adviser Class	13,420	1	13,419	—	—	—
Voya Index Solution 2040 Portfolio - Adviser Class	—	—	—	123	124	(1)
Voya Index Solution 2045 Portfolio - Adviser Class	—	1	(1)	7,405	7,520	(115)
Voya Index Solution 2055 Portfolio - Adviser Class	98	—	98	33	33	—
Voya Solution 2025 Portfolio - Adviser Class	2,380	1,691	689	2,752	388	2,364
Voya Solution 2030 Portfolio - Adviser Class	4,258	24,558	(20,300)	9,598	974	8,624
Voya Solution 2035 Portfolio - Adviser Class	15,122	771	14,351	5,618	303	5,315
Voya Solution 2040 Portfolio - Adviser Class	24,220	3,601	20,619	11,058	501	10,557
Voya Solution 2045 Portfolio - Adviser Class	6,076	300	5,776	6,009	990	5,019
Voya Solution 2050 Portfolio - Adviser Class	4,914	2,165	2,749	7,201	3,060	4,141
Voya Solution 2055 Portfolio - Adviser Class	3,805	2,166	1,639	3,647	5,156	(1,509)
Voya Solution 2060 Portfolio - Adviser Class	5,977	3,406	2,571	4,637	1,835	2,802
Voya Solution 2065 Portfolio - Adviser Class	7,162	887	6,275	2,890	271	2,619
Voya Solution Income Portfolio - Adviser Class	633	2,646	(2,013)	793	177	616
VY® Baron Growth Portfolio - Service Class	149	—	149	113	123	(10)
VY® Invesco Comstock Portfolio - Service Class	13	—	13	102	115	(13)
VY® JPMorgan Mid Cap Value Portfolio - Service Class	1,883	5,401	(3,518)	4,366	6,159	(1,793)
VY® T. Rowe Price Growth Equity Portfolio - Service Class	1,007	—	1,007	299	430	(131)
Voya Variable Portfolios, Inc.:						
Voya Russell™ Mid Cap Growth Index Portfolio - Class S	1	—	1	8	11	(3)
Voya Variable Products Trust:						
Voya MidCap Opportunities Portfolio - Class S	—	—	—	—	—	—
Washington Mutual Investors Fund:						
American Funds® Washington Mutual Investors Fund SM - Class R-4	5,164	9,141	(3,977)	6,063	4,652	1,411

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8. FINANCIAL HIGHLIGHTS

A summary of units outstanding, unit values, net assets, investment income ratios, expense ratios and total returns for each of the five years in the period ended December 31, 2024 follows:

Fund	Unit Fair Value	Net	Investment	Total Return ^D									
Inception Date ^A	Units (000s)	Corresponding to Lowest to Highest Expense Ratio	Assets (000s)	Income Ratio ^B	Expense Ratio ^C Lowest to Highest	Corresponding to Lowest to Highest Expense Ratio							
Allspring Diversified Capital Builder Fund - Institutional Class													
2024	40	\$53.38	to	\$41.63	\$2,026	0.83%	0.00%	to	1.25%	22.21%	to	20.67%	
2023	33	\$43.68	to	\$34.49	\$1,359	1.25%	0.00%	to	1.25%	22.52%	to	21.02%	
2022	31	\$35.65	to	\$28.50	\$1,038	1.15%	0.00%	to	1.25%	-13.07%	to	-14.18%	
2021	36	\$41.01	to	\$32.11	\$1,398	0.86%	0.00%	to	1.45%	20.05%	to	18.36%	
2020	29	\$34.16	to	\$27.13	\$919	1.51%	0.00%	to	1.45%	13.04%	to	11.37%	
American Funds® American Balanced Fund® - Class R-4													
2024	7	\$39.57	to	\$35.73	\$260	2.11%	0.75%	to	1.25%	14.03%	to	13.46%	
2023	6	\$34.70	to	\$31.49	\$215	2.55%	0.75%	to	1.25%	9.22%	to	12.54%	
2022	6	\$30.12	to	\$27.98	\$177	2.17%	0.85%	to	1.25%	-12.87%	to	-13.24%	
2021	—	\$34.57	to	\$32.25	\$7	0.00%	0.85%	to	1.25%	14.74%	to	14.28%	
2020	—	\$30.13	to	\$28.22	\$5	0.00%	0.85%	to	1.25%	9.92%	to	9.51%	
American Century Investments® Ultra® Fund - Investor Class													
2024	17	\$229.10	to	\$157.51	\$3,707	0.00%	0.00%	to	1.25%	29.55%	to	27.93%	
2023	16	\$176.84	to	\$123.11	\$2,714	0.00%	0.00%	to	1.25%	43.31%	to	41.54%	
2022	21	\$123.40	to	\$86.98	\$2,446	0.00%	0.00%	to	1.25%	-32.46%	to	-33.31%	
2021	20	\$182.71	to	\$123.87	\$3,615	0.00%	0.00%	to	1.45%	23.21%	to	21.44%	
2020	26	\$148.29	to	\$102.00	\$3,695	0.00%	0.00%	to	1.45%	49.77%	to	47.61%	
American Century Investments® International Growth Fund - Investor Class													
2024	—	\$41.85		\$—	0.00%	1.05%				1.23%			
2023	—	\$41.34		\$—	0.00%	1.05%				11.13%			
2022	—	\$37.20		\$—	0.00%	1.05%				-25.76%			
2021	—	\$50.11		\$—	0.00%	1.05%				8.16%			
2020	—	\$44.40		\$—	0.00%	1.25%				24.06%			
Ariel Fund - Investor Class													
2024	—	\$67.04		\$1	0.00%	1.25%				10.41%			
2023	—	\$60.72		\$1	0.00%	1.25%				14.37%			
2022	—	\$53.09		\$1	0.00%	1.25%				-19.82%			
2021	—	\$66.21		\$1	0.00%	1.25%				28.74%			
2020	—	\$51.43		\$1	0.00%	1.25%				8.64%			
Baron Asset Fund - Retail Shares													
2024	8	\$78.07		\$616	0.00%	0.00%				10.47%			
2023	6	\$70.67		\$432	0.00%	0.00%				17.04%			
2022	8	\$60.38		\$472	0.00%	0.00%				-26.06%			
2021	7	\$81.66		\$583	0.00%	0.00%				13.94%			
2020	11	\$71.67	to	\$60.40	\$750	0.00%	0.00%	to	0.95%	32.97%	to	31.73%	
American Funds® EuroPacific Growth Fund® - Class R-4													
2024	21	\$38.78	to	\$29.78	\$801	1.38%	0.00%	to	1.25%	4.67%	to	3.40%	
2023	14	\$37.05	to	\$28.80	\$506	1.74%	0.00%	to	1.25%	15.64%	to	14.20%	
2022	24	\$32.04	to	\$25.22	\$755	1.15%	0.00%	to	1.25%	-22.98%	to	-23.97%	
2021	20	\$41.60	to	\$33.17	\$814	1.15%	0.00%	to	1.25%	2.49%	to	1.22%	
2020	27	\$40.59	to	\$32.77	\$1,096	0.19%	0.00%	to	1.25%	24.78%	to	23.29%	
Fidelity Advisor® Equity Growth Fund - Class M													
2024	1	\$185.77	to	\$169.88	\$182	0.00%	0.50%	to	0.80%	28.77%	to	28.39%	
2023	3	\$144.26	to	\$132.32	\$428	0.00%	0.50%	to	0.80%	15.38%	to	33.81%	
2022	3	\$104.55	to	\$98.89	\$334	0.00%	0.60%	to	0.80%	-25.26%	to	-25.41%	
2021	4	\$139.89	to	\$119.10	\$559	0.00%	0.60%	to	1.20%	21.72%	to	20.99%	
2020	4	\$114.93	to	\$98.44	\$460	0.00%	0.60%	to	1.20%	42.20%	to	41.36%	

**VARIABLE ANNUITY ACCOUNT F OF
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Notes to Financial Statements

Fund	Inception Date ^A	Units (000s)	Unit Fair Value Corresponding to			Net Assets (000s)	Investment Income Ratio ^B	Expense Ratio ^C			Total Return ^D		
			Lowest to Highest Expense Ratio					Lowest to Highest			Corresponding to Lowest to Highest Expense Ratio		
Fidelity Advisor® Equity Income Fund - Class M													
2024		3	\$88.41	to	\$76.17	\$226	1.95%	0.50%	to	1.00%	11.36%	to	10.81%
2023		2	\$79.39	to	\$68.74	\$184	2.25%	0.50%	to	1.00%	11.61%	to	9.79%
2022		2	\$69.98	to	\$62.61	\$171	1.35%	0.60%	to	1.00%	-2.17%	to	-2.57%
2021		4	\$71.53	to	\$64.26	\$274	1.68%	0.60%	to	1.00%	21.01%	to	20.54%
2020		3	\$59.11	to	\$50.63	\$202	2.01%	0.60%	to	1.20%	0.37%	to	-0.22%
Fidelity Advisor® Growth Opportunities Fund - Class M													
2024		5	\$165.35	to	\$160.51	\$847	0.00%	0.50%	to	0.60%	37.68%	to	37.54%
2023		5	\$120.10	to	\$116.70	\$614	0.00%	0.50%	to	0.60%	16.11%	to	43.95%
2022		5			\$81.07	\$436	0.00%		0.60%				-38.93%
2021		9	\$132.75	to	\$113.08	\$1,135	0.00%	0.60%	to	1.20%	10.48%	to	9.81%
2020		9	\$120.16	to	\$102.98	\$1,023	0.00%	0.60%	to	1.20%	67.19%	to	66.20%
Goldman Sachs Mid Cap Value Fund - Class A Shares													
2024		—			\$30.29	\$1	0.00%		1.25%				10.43%
2023		—			\$27.43	\$1	0.00%		1.25%				10.07%
2022		—			\$24.92	\$1	0.00%		1.25%				-11.76%
2021		—			\$28.24	\$1	0.00%		1.25%				28.83%
2020		—			\$21.92	\$1	0.00%		1.25%				7.03%
American Funds® The Growth Fund of America® - Class R-4													
2024		26	\$90.31	to	\$68.96	\$2,300	0.43%	0.00%	to	1.25%	28.39%	to	26.79%
2023		20	\$70.34	to	\$54.38	\$1,436	0.56%	0.00%	to	1.25%	37.17%	to	35.48%
2022		21	\$51.28	to	\$40.14	\$1,053	0.24%	0.00%	to	1.25%	-30.74%	to	-31.61%
2021		19	\$74.04	to	\$58.69	\$1,421	0.00%	0.00%	to	1.25%	19.27%	to	17.78%
2020		22	\$62.08	to	\$49.83	\$1,341	0.25%	0.00%	to	1.25%	37.80%	to	36.07%
Lord Abbett Mid Cap Stock Fund - Class A													
2024		13			\$41.26	\$548	0.59%		0.85%				14.07%
2023		13			\$36.17	\$461	0.49%		0.85%				14.53%
2022		12			\$31.58	\$363	1.04%		0.85%				-11.81%
2021		11			\$35.81	\$404	0.90%		0.85%				27.76%
2020		9			\$28.03	\$261	1.45%		0.85%				1.89%
Neuberger Berman Genesis Fund - Trust Class Shares													
2024		1	\$193.24	to	\$182.19	\$238	0.00%	0.85%	to	1.05%	8.00%	to	7.78%
2023		1	\$178.92	to	\$169.03	\$210	0.00%	0.85%	to	1.05%	14.50%	to	14.27%
2022		1	\$156.26	to	\$147.92	\$182	0.00%	0.85%	to	1.05%	-20.01%	to	-20.17%
2021		2	\$195.36	to	\$185.30	\$388	0.00%	0.85%	to	1.05%	17.05%	to	16.82%
2020		6	\$166.90	to	\$143.29	\$917	0.00%	0.85%	to	1.45%	23.68%	to	22.94%
Neuberger Berman Large Cap Growth Fund - Trust Class Shares													
2024		—			\$108.87	\$18	0.00%		1.25%				21.89%
2023		—			\$89.31	\$14	0.00%		1.25%				34.02%
2022		—			\$66.64	\$11	0.00%		1.25%				-25.44%
2021		—	\$89.38	to	\$84.71	\$20	0.00%	1.25%	to	1.45%	25.80%	to	25.53%
2020		—	\$71.05	to	\$67.48	\$16	0.00%	1.25%	to	1.45%	32.63%	to	32.39%
Pioneer Equity Income Fund - Class Y Shares													
2024		27			\$37.81	\$1,033	1.94%		0.00%				11.53%
2023		33			\$33.90	\$1,134	1.80%		0.00%				7.62%
2022		31			\$31.50	\$981	2.08%		0.00%				-8.06%
2021		30			\$34.26	\$1,041	1.52%		0.00%				25.82%
2020		39			\$27.23	\$1,063	1.74%		0.00%				0.11%

**VARIABLE ANNUITY ACCOUNT F OF
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Notes to Financial Statements

Fund	Units	Unit Fair Value			Net	Investment	Expense Ratio ^c				Total Return ^d		
Inception Date ^a	(000s)	Corresponding to			Assets	Income	Ratio ^b				Corresponding to		
		Lowest to Highest Expense Ratio			(000s)	Ratio ^b	Lowest to Highest				Lowest to Highest Expense Ratio		
Pioneer Fund - Class Y Shares													
2024	15	\$56.17			\$842	1.08%	0.00%				22.91%		
2023	6	\$45.70			\$274	1.25%	0.00%				29.10%		
2022	6	\$35.40			\$206	0.52%	0.00%				-19.25%		
2021	4	\$43.84			\$177	0.79%	0.00%				28.26%		
2020	2	\$34.18			\$76	0.00%	0.00%				24.29%		
T. Rowe Price Blue Chip Growth Fund - Advisor Class													
2024	22	\$74.52			\$1,628	0.00%	0.00%				35.27%		
2023	19	\$55.09			\$1,063	0.00%	0.00%				48.97%		
2022	16	\$36.98			\$584	0.00%	0.00%				-38.74%		
2021	18	\$60.37			\$1,075	0.00%	0.00%				17.38%		
2020	80	\$51.43	to	\$45.29	\$3,747	0.00%	0.00%	to	0.95%	34.35%	to	33.09%	
Templeton Foreign Fund - Class A													
2024	—	\$40.04	to	\$34.51	\$4	0.00%	0.75%	to	1.25%	-3.21%	to	-3.68%	
2023	—	\$41.37	to	\$35.83	\$4	0.00%	0.75%	to	1.25%	10.59%	to	18.45%	
2022	—	\$33.79	to	\$30.25	\$3	0.00%	0.85%	to	1.25%	-4.41%	to	-4.78%	
2021	2	\$35.35	to	\$30.11	\$57	3.60%	0.85%	to	1.45%	4.19%	to	3.54%	
2020	2	\$33.93	to	\$29.08	\$54	1.87%	0.85%	to	1.45%	-1.34%	to	-1.92%	
Templeton Global Bond Fund - Class A													
2024	—	\$30.76			\$8	0.00%	0.75%				-12.61%		
2023	—	\$35.20			\$8	0.00%	0.75%				2.98%		
2022	—	\$33.68			\$8	0.00%	0.85%				-6.96%		
2021	—	\$36.20			\$8	0.00%	0.85%				-5.85%		
2020	—	\$38.45			\$5	0.00%	0.85%				-5.23%		
Voya Corporate Leaders® 100 Fund - Class I													
2024	13	\$42.02			\$562	1.94%	0.60%				17.34%		
2023	13	\$35.81			\$468	1.88%	0.60%				18.65%		
2022	13	\$30.18			\$384	1.75%	0.60%				-11.44%		
2021	12	\$34.08	to	\$32.16	\$415	1.61%	0.60%	to	1.20%	27.02%	to	26.27%	
2020	12	\$26.83	to	\$25.47	\$332	1.96%	0.60%	to	1.20%	11.24%	to	10.55%	
Voya Global Income & Growth Fund - Class I													
2024	3	\$44.92	to	\$38.73	\$122	1.95%	0.50%	to	1.00%	8.79%	to	8.28%	
2023	5	\$41.29	to	\$33.78	\$186	2.87%	0.50%	to	1.20%	9.09%	to	13.93%	
2022	5	\$35.01	to	\$29.65	\$163	0.99%	0.60%	to	1.20%	-21.27%	to	-21.75%	
2021	6	\$44.47	to	\$37.89	\$240	3.47%	0.60%	to	1.20%	12.10%	to	11.41%	
2020	6	\$39.67	to	\$34.01	\$221	2.52%	0.60%	to	1.20%	12.70%	to	12.02%	
Voya Large Cap Value Fund - Class I													
2024	11	\$31.07	to	\$30.70	\$326	1.50%	0.50%	to	0.60%	16.32%	to	16.20%	
2023	13	\$26.71	to	\$26.42	\$339	1.58%	0.50%	to	0.60%	14.05%	to	12.91%	
2022	12	\$23.40			\$292	1.36%	0.60%				-3.98%		
2021	12	\$24.37	to	\$23.10	\$295	1.13%	0.60%	to	1.20%	25.94%	to	25.20%	
2020	12	\$19.35	to	\$18.45	\$237	1.76%	0.60%	to	1.20%	5.33%	to	4.71%	
Voya Small Company Fund - Class I													
2024	4	\$139.54			\$620	1.87%	0.00%				10.67%		
2023	4	\$126.09			\$555	0.29%	0.00%				17.96%		
2022	8	\$106.89			\$825	0.44%	0.00%				-16.32%		
2021	8	\$127.73	to	\$93.27	\$998	0.00%	0.00%	to	1.20%	14.38%	to	13.03%	
2020	9	\$111.67	to	\$82.52	\$984	0.11%	0.00%	to	1.20%	12.20%	to	10.85%	

**VARIABLE ANNUITY ACCOUNT F OF
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Notes to Financial Statements

Fund	Units	Unit Fair Value			Net	Investment					Total Return ^D		
Inception Date ^A	(000s)	Corresponding to			Assets	Income	Expense Ratio ^C			Corresponding to			
		Lowest to Highest Expense Ratio			(000s)	Ratio ^B	Lowest to Highest			Lowest to Highest Expense Ratio			
Voya GNMA Income Fund - Class I													
2024	—			\$14.48	\$—	0.00%			1.00%				0.77%
2023	—			\$14.37	\$—	0.00%			1.00%				4.06%
2022	—			\$13.81	\$—	0.00%			1.00%				-11.19%
2021	—			\$15.55	\$—	1.75%			1.00%				-1.71%
2020	7	\$16.56	to	\$15.82	\$114	2.87%	0.70%	to	1.00%	3.37%	to	3.06%	
Voya Government Money Market Fund - Class I													
2024	450	\$19.57	to	\$13.68	\$8,647	5.62%	0.00%	to	1.20%	4.99%	to	3.71%	
2023	218	\$18.64	to	\$13.19	\$3,925	3.62%	0.00%	to	1.20%	4.84%	to	3.53%	
2022	40	\$17.78	to	\$12.74	\$607	1.51%	0.00%	to	1.20%	1.43%	to	0.24%	
2021	39	\$17.53	to	\$12.71	\$584	0.00%	0.00%	to	1.20%	0.11%	to	-1.09%	
2020	66	\$17.51	to	\$12.85	\$985	0.23%	0.00%	to	1.20%	0.29%	to	-0.93%	
Voya Intermediate Bond Fund - Class I													
2024	52	\$20.55	to	\$16.41	\$1,053	5.15%	0.00%	to	1.00%	2.85%	to	1.86%	
2023	35	\$19.98	to	\$16.11	\$695	4.03%	0.00%	to	1.00%	7.02%	to	5.99%	
2022	32	\$18.67	to	\$15.20	\$595	2.72%	0.00%	to	1.00%	-14.24%	to	-15.08%	
2021	38	\$21.77	to	\$17.29	\$804	2.66%	0.00%	to	1.20%	-1.00%	to	-2.21%	
2020	67	\$21.99	to	\$17.68	\$1,379	3.79%	0.00%	to	1.20%	8.06%	to	6.76%	
Voya Large Cap Growth Portfolio - Institutional Class													
2024	13	\$38.36	to	\$36.40	\$485	0.00%	0.50%	to	1.00%	34.13%	to	33.48%	
2023	21	\$28.60	to	\$27.27	\$605	0.00%	0.50%	to	1.00%	14.91%	to	36.49%	
2022	22	\$20.67	to	\$19.98	\$450	0.00%	0.60%	to	1.00%	-30.92%	to	-31.20%	
2021	23	\$29.92	to	\$28.61	\$699	0.00%	0.60%	to	1.20%	18.82%	to	18.13%	
2020	23	\$25.18	to	\$24.22	\$568	0.40%	0.60%	to	1.20%	30.06%	to	29.31%	
VY® JPMorgan Small Cap Core Equity Portfolio - Service Class													
2024	27			\$50.24	\$1,339	0.30%			0.00%				10.73%
2023	29			\$45.37	\$1,312	0.17%			0.00%				12.27%
2022	27			\$40.41	\$1,096	0.00%			0.00%				-17.77%
2021	26			\$49.14	\$1,288	0.17%			0.00%				18.30%
2020	25			\$41.54	\$1,031	0.00%			0.00%				16.33%
VY® T. Rowe Price Capital Appreciation Portfolio - Service Class													
2024	34			\$47.34	\$1,592	2.60%			0.00%				12.47%
2023	35			\$42.09	\$1,484	2.76%			0.00%				18.60%
2022	17			\$35.49	\$618	1.22%			0.00%				-12.18%
2021	17			\$40.41	\$697	0.97%			0.00%				18.40%
2020	10			\$34.13	\$334	1.26%			0.00%				17.97%
Voya Global Bond Portfolio - Service Class													
2024	42	\$15.57	to	\$13.79	\$622	4.11%	0.00%	to	0.60%	-1.21%	to	-1.85%	
2023	42	\$15.76	to	\$14.05	\$642	3.56%	0.00%	to	0.60%	5.99%	to	5.32%	
2022	34	\$14.87	to	\$13.34	\$482	2.52%	0.00%	to	0.60%	-18.52%	to	-18.96%	
2021	36	\$18.25	to	\$14.85	\$631	2.67%	0.00%	to	1.20%	-5.00%	to	-6.19%	
2020	31	\$19.21	to	\$15.83	\$569	2.62%	0.00%	to	1.20%	8.84%	to	7.54%	
Voya Global Insights Portfolio - Initial Class													
2024	33	\$51.56	to	\$43.10	\$1,563	0.00%	0.00%	to	1.05%	9.31%	to	8.18%	
2023	37	\$47.17	to	\$39.84	\$1,653	0.07%	0.00%	to	1.05%	32.69%	to	31.31%	
2022	35	\$35.55	to	\$30.34	\$1,176	0.00%	0.00%	to	1.05%	-31.92%	to	-32.64%	
2021	35	\$52.22	to	\$42.06	\$1,699	0.00%	0.00%	to	1.45%	15.38%	to	13.71%	
2020	37	\$45.26	to	\$36.99	\$1,541	1.06%	0.00%	to	1.45%	27.78%	to	25.94%	

**VARIABLE ANNUITY ACCOUNT F OF
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Notes to Financial Statements

Fund	Unit Fair Value	Net	Investment	Total Return ^D										
Inception	Units	Corresponding to	Assets	Income	Expense Ratio ^C					Corresponding to				
Date ^A	(000s)	Lowest to Highest Expense Ratio	(000s)	Ratio ^B	Lowest to Highest					Lowest to Highest Expense Ratio				
Voya Index Solution 2025 Portfolio - Adviser Class														
2024		—	\$22.43	\$7	0.00%	0.50%					8.04%			
2023	06/01/2023	—	\$20.76	\$6	(d)	0.50%					(d)			
2022		(d)	(d)	(d)	(d)	(d)					(d)			
2021		(d)	(d)	(d)	(d)	(d)					(d)			
2020		(d)	(d)	(d)	(d)	(d)					(d)			
Voya Index Solution 2035 Portfolio - Adviser Class														
2024	10/15/2024	13	\$26.25	\$352	(e)	0.50%					(e)			
2023		(e)	(e)	(e)	(e)	(e)					(e)			
2022		(e)	(e)	(e)	(e)	(e)					(e)			
2021		(e)	(e)	(e)	(e)	(e)					(e)			
2020		(e)	(e)	(e)	(e)	(e)					(e)			
Voya Index Solution 2040 Portfolio - Adviser Class														
2024		—	\$19.39	\$2	0.00%	0.50%					12.41%			
2023		—	\$17.25	\$2	0.00%	0.50%					10.29%			
2022		—	\$14.55	\$2	0.00%	0.60%					-18.99%			
2021	12/23/2021	—	\$17.96	\$—	(b)	0.60%					(b)			
2020		(b)	(b)	(b)	(b)	(b)					(b)			
Voya Index Solution 2045 Portfolio - Adviser Class														
2024		7	\$29.07	\$215	0.00%	0.50%					13.60%			
2023		7	\$25.59	\$189	1.15%	0.50%					10.78%			
2022		8	\$21.26	\$160	1.12%	0.60%					-19.07%			
2021	07/16/2021	8	\$26.27	\$198	(b)	0.60%					(b)			
2020		(b)	(b)	(b)	(b)	(b)					(b)			
Voya Index Solution 2055 Portfolio - Adviser Class														
2024		—	\$32.52	\$4	0.00%	0.50%					14.23%			
2023		—	\$28.47	\$1	0.00%	0.50%					10.95%			
2022		—	\$23.60	\$1	0.00%	0.60%					-19.23%			
2021	02/08/2021	—	\$29.22	\$1	(b)	0.60%					(b)			
2020		(b)	(b)	(b)	(b)	(b)					(b)			
Voya Solution 2025 Portfolio - Adviser Class														
2024		21	\$24.41	to	\$20.31	\$501	1.90%	0.00%	to	1.00%	8.39%	to	7.29%	
2023		20	\$22.52	to	\$18.93	\$446	2.52%	0.00%	to	1.00%	13.39%	to	12.28%	
2022		17	\$19.86	to	\$16.86	\$347	4.20%	0.00%	to	1.00%	-17.70%	to	-18.47%	
2021		19	\$24.13	to	\$20.68	\$462	2.89%	0.00%	to	1.00%	10.43%	to	9.30%	
2020		14	\$21.85	to	\$18.92	\$299	1.56%	0.00%	to	1.00%	13.27%	to	12.15%	
Voya Solution 2030 Portfolio - Adviser Class														
2024		27	\$18.45		\$494	2.18%	0.00%					9.95%		
2023		47	\$16.78		\$790	2.67%	0.00%					15.33%		
2022		38	\$14.55		\$559	3.61%	0.00%					-18.07%		
2021		31	\$17.76		\$550	1.69%	0.00%					12.26%		
2020		18	\$15.82		\$278	1.20%	0.00%					13.98%		
Voya Solution 2035 Portfolio - Adviser Class														
2024		58	\$28.55	to	\$23.76	\$1,659	1.65%	0.00%	to	1.00%	11.48%	to	10.41%	
2023		44	\$25.61	to	\$21.52	\$1,121	3.27%	0.00%	to	1.00%	17.37%	to	16.20%	
2022		38	\$21.82	to	\$18.52	\$839	3.67%	0.00%	to	1.00%	-18.82%	to	-19.65%	
2021		36	\$26.88	to	\$23.05	\$957	2.14%	0.00%	to	1.00%	13.71%	to	12.60%	
2020		35	\$23.64	to	\$20.47	\$816	1.52%	0.00%	to	1.00%	14.26%	to	13.09%	

**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**

Notes to Financial Statements

Fund Inception Date ^A	Units (000s)	Unit Fair Value			Net	Investment	Expense Ratio ^C				Total Return ^D			
		Corresponding to			Assets	Income	Ratio ^C				Corresponding to			
		Lowest to Highest Expense Ratio			(000s)	Ratio ^B	Lowest to Highest				Lowest to Highest Expense Ratio			
Voya Solution 2040 Portfolio - Adviser Class														
2024	44			\$19.97	\$880	0.93%			0.00%					12.95%
2023	23			\$17.68	\$414	3.64%			0.00%					18.98%
2022	13			\$14.86	\$191	3.52%			0.00%					-19.50%
2021	8			\$18.46	\$150	0.64%			0.00%					15.81%
2020	10	\$15.94	to	\$15.36	\$163	1.51%	0.00%	to	0.70%	15.93%	to		15.23%	
Voya Solution 2045 Portfolio - Adviser Class														
2024	44			\$31.29	\$1,375	1.24%			0.00%					14.16%
2023	38			\$27.41	\$1,046	3.10%			0.00%					19.75%
2022	33			\$22.89	\$759	3.45%			0.00%					-19.74%
2021	34			\$28.52	\$980	1.52%			0.00%					16.98%
2020	30	\$24.38	to	\$22.05	\$736	1.34%	0.00%	to	0.70%	16.04%	to		15.26%	
Voya Solution 2050 Portfolio - Adviser Class														
2024	36			\$20.60	\$738	1.05%			0.00%					14.64%
2023	33			\$17.97	\$594	3.12%			0.00%					20.20%
2022	29			\$14.95	\$432	3.25%			0.00%					-19.80%
2021	26			\$18.64	\$490	1.06%			0.00%					16.79%
2020	28	\$15.96	to	\$15.37	\$450	1.33%	0.00%	to	0.70%	15.82%	to		17.69%	
Voya Solution 2055 Portfolio - Adviser Class														
2024	16			\$34.10	\$552	1.02%			0.00%					14.78%
2023	15			\$29.71	\$432	2.41%			0.00%					20.19%
2022	16			\$24.72	\$397	3.95%			0.00%					-19.92%
2021	15			\$30.87	\$463	1.84%			0.00%					17.02%
2020	16	\$26.38	to	\$24.36	\$408	1.24%	0.00%	to	0.70%	15.75%	to		14.96%	
Voya Solution 2060 Portfolio - Adviser Class														
2024	18			\$21.11	\$373	1.23%			0.00%					14.79%
2023	15			\$18.39	\$278	3.00%			0.00%					20.27%
2022	12			\$15.29	\$188	3.47%			0.00%					-19.99%
2021	8			\$19.11	\$158	0.58%			0.00%					16.88%
2020	12	\$16.35	to	\$15.78	\$186	0.67%	0.00%	to	0.70%	15.63%	to		14.85%	
Voya Solution 2065 Portfolio - Adviser Class														
2024	10			\$15.20	\$157	1.90%			0.00%					14.89%
2023	4			\$13.23	\$53	0.00%			0.00%					20.27%
2022	1			\$11.00	\$15	0.00%			0.00%					-19.94%
2021	04/28/2021	—		\$13.74	\$2	(b)			0.00%					(b)
2020		(b)		(b)	(b)	(b)			(b)					(b)
Voya Solution Income Portfolio - Adviser Class														
2024	4	\$21.10	to	\$17.55	\$84	2.96%	0.00%	to	1.00%	5.92%	to		4.84%	
2023	6	\$19.92	to	\$16.74	\$119	2.78%	0.00%	to	1.00%	10.48%	to		9.34%	
2022	5	\$18.03	to	\$15.31	\$97	3.03%	0.00%	to	1.00%	-15.31%	to		-16.16%	
2021	8	\$21.29	to	\$18.26	\$167	0.49%	0.00%	to	1.00%	6.13%	to		5.12%	
2020	58	\$20.06	to	\$17.37	\$1,061	2.04%	0.00%	to	1.00%	11.63%	to		10.50%	
VY® Baron Growth Portfolio - Service Class														
2024	—	\$78.82	to	\$70.37	\$39	0.00%	0.75%	to	1.25%	3.87%	to		3.35%	
2023	—	\$75.88	to	\$68.08	\$26	0.00%	0.75%	to	1.25%	7.81%	to		13.37%	
2022	—	\$65.23	to	\$60.05	\$23	0.00%	0.85%	to	1.25%	-24.34%	to		-24.65%	
2021	2	\$86.22	to	\$79.69	\$164	0.00%	0.85%	to	1.25%	19.42%	to		18.94%	
2020	2	\$72.20	to	\$67.00	\$136	0.00%	0.85%	to	1.25%	32.14%	to		31.60%	

**VARIABLE ANNUITY ACCOUNT F OF
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY**

Notes to Financial Statements

Fund Inception Date ^A	Units (000s)	Unit Fair Value Corresponding to Lowest to Highest Expense Ratio			Net Assets (000s)	Investment Income Ratio ^B	Expense Ratio ^C Lowest to Highest			Total Return ^D Corresponding to Lowest to Highest Expense Ratio		
VY® Invesco Comstock Portfolio - Service Class												
2024	—	\$51.29			\$6	0.00%	0.75%			13.85%		
2023	—	\$45.05			\$4	0.00%	0.75%			13.71%		
2022	—	\$39.68			\$4	0.00%	0.85%			-0.48%		
2021	—	\$39.87			\$4	0.00%	0.85%			31.85%		
2020	37	\$30.24	to	\$29.68	\$1,086	1.99%	0.85%	to	0.95%	-1.34%	to	-1.43%
VY® JPMorgan Mid Cap Value Portfolio - Service Class												
2024	11	\$61.59	to	\$52.20	\$644	0.72%	0.00%	to	0.85%	14.03%	to	13.06%
2023	14	\$54.01	to	\$46.17	\$739	0.94%	0.00%	to	0.85%	10.54%	to	9.62%
2022	16	\$48.86	to	\$42.12	\$754	1.00%	0.00%	to	0.85%	-8.62%	to	-9.40%
2021	13	\$53.47	to	\$46.49	\$649	0.74%	0.00%	to	0.85%	29.50%	to	28.43%
2020	11	\$41.29	to	\$36.20	\$435	0.98%	0.00%	to	0.85%	0.29%	to	-0.58%
VY® T. Rowe Price Growth Equity Portfolio - Service Class												
2024	2	\$80.20	to	\$72.42	\$130	0.00%	0.75%	to	1.25%	28.38%	to	27.75%
2023	1	\$62.47	to	\$56.69	\$39	0.00%	0.75%	to	1.25%	14.54%	to	44.73%
2022	1	\$42.16	to	\$39.17	\$32	0.00%	0.85%	to	1.25%	-41.27%	to	-41.50%
2021	1	\$71.79	to	\$66.96	\$79	0.00%	0.85%	to	1.25%	18.76%	to	18.28%
2020	1	\$60.45	to	\$56.61	\$61	0.00%	0.85%	to	1.25%	35.20%	to	34.66%
Voya Russell™ Mid Cap Growth Index Portfolio - Class S												
2024	—	\$69.99			\$22	0.00%	0.60%			20.55%		
2023	—	\$58.06			\$18	0.00%	0.60%			24.27%		
2022	—	\$46.72			\$15	0.00%	0.60%			-27.60%		
2021	—	\$64.53			\$19	0.00%	0.60%			11.37%		
2020	—	\$57.94			\$16	0.00%	0.60%			33.72%		
Voya MidCap Opportunities Portfolio - Class S												
2024	—	\$20.24			\$1	0.00%	1.00%			14.41%		
2023	—	\$17.69			\$1	0.00%	1.00%			22.08%		
2022	—	\$14.49			\$1	0.00%	1.00%			-25.92%		
2021	—	\$19.56			\$1	0.00%	1.00%			10.70%		
2020	—	\$17.67			\$1	0.00%	1.00%			39.35%		
American Funds® Washington Mutual Investors Fund SM - Class R-4												
2024	29	\$65.61	to	\$50.23	\$1,872	1.25%	0.00%	to	1.25%	18.94%	to	17.47%
2023	33	\$55.16	to	\$42.75	\$1,794	1.53%	0.00%	to	1.25%	17.19%	to	15.73%
2022	31	\$47.07	to	\$36.94	\$1,465	1.70%	0.00%	to	1.25%	-8.51%	to	-9.64%
2021	33	\$51.45	to	\$40.88	\$1,703	1.50%	0.00%	to	1.25%	28.43%	to	26.84%
2020	31	\$40.06	to	\$32.23	\$1,230	1.87%	0.00%	to	1.25%	7.72%	to	6.37%

A The Fund Inception Date represents the first date the fund received money.

B The Investment Income Ratio represents dividends received by the subaccount, excluding capital gains distributions, divided by the average net assets. The recognition of investment income is determined by the timing of the declaration of dividends by the underlying fund in which the subaccount invests.

C The Expense Ratio considers only the annualized contract expenses borne directly by the Account, excluding expenses charged through the redemption of units, and is equal to the mortality and expense, administrative, and other charges, as defined in the Charges and Fees Note.

D Total Return is calculated as the change in unit value for each Contract presented in the Statements of Assets and Liabilities. These percentages represent the range of total returns available as of the report date and correspond with the expense ratio lowest to highest.

(b) As subaccount had no investments until 2021, this data is not meaningful and therefore not presented.

(d) As subaccount had no investments until 2023, this data is not meaningful and therefore not presented.

(e) As subaccount had no investments until 2024, this data is not meaningful and therefore not presented.

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