

4

INCOME

The gross income of life insurance companies comes from two main sources: premiums paid by policyholders and earnings on investments. In 2020, total income of all U.S. life insurers decreased 6.8 percent to \$1 trillion (Table 4.1). Insurance premiums and annuity considerations contributed 62 percent of total income. Investment earnings contributed 29 percent. The remainder of gross income came from amortization of interest maintenance reserve, commissions and expense allowance on reinsurance ceded, and miscellaneous income.

Under statutory accounting rules, net gain from (insurance) operations is calculated prior to net income. Net gain from operations equals gross income minus operating expenditures, policyholder dividends, and federal income taxes. Capital gains, net of tax, are then added to net gain from operations to calculate (after tax) net income.

PREMIUM INCOME

Premium receipts - derived from sales of life insurance, health insurance, and annuities - decreased 8.2 percent to \$636 billion in 2020 (Table 4.2).

The mix of premiums from life insurance and annuity considerations has changed markedly over time. Prior to 1986, premium receipts from life policies were greater than annuity considerations, but starting in 1986, annuity premiums have exceeded life insurance premiums (Table 4.10). By 2020, life policies accounted for nearly a quarter of premium receipts (23%), while annuity considerations contributed almost a half (47%) (Figure 4.1).

Premiums for life insurance policies totaled \$148 billion in 2020, a 5.5 percent decrease from the previous year (Table 4.2). Individual policy premiums accounted for the largest share at \$121 billion, or 82 percent. Most were renewals, representing \$84 billion, or 70 percent, of individual premiums (Table 4.3). Group insurance was the second-largest contributor to life insurance premiums at \$27 billion, or 18 percent of the total (Table 4.2). Again, renewals constituted the largest portion at \$18 billion, or 69 percent, of all group premiums (Table 4.3). Credit life provided \$548 million of all life insurance premiums (Table 4.2). Americans spent 0.87 percent of total disposable (after-tax) personal income on direct individual life insurance in 2020 (Table 4.5).

Annuity considerations decreased 13.3 percent in 2020 to \$301 billion (Table 4.2). Individual annuities provided \$150 billion in premium receipts, decreasing 26.5 percent from 2019. Of individual annuity considerations, first-year annuity considerations constitute the largest share of this category at \$89 billion, or 59 percent, while group considerations counted renewals as the largest contributor with \$112 billion, or 74 percent (Table 4.4). Direct individual annuity considerations amounted to 1.22 percent of disposable personal income in 2020 (Table 4.5).

Premiums for accident and health insurance decreased 0.9 percent to \$186 billion in 2020 with group premiums being the largest portion at \$126 billion, down 0.8 percent from 2019 (Table 4.2). Individual accident and health premiums decreased 1.3 percent to \$60 billion, with the largest share at \$31 billion, or 52 percent, coming from guaranteed renewable contracts (Table 4.6).

INVESTMENT INCOME AND RATE OF RETURN

Net investment income of life insurance companies amounted to \$278 billion in 2020 (Table 4.7). The largest source of investment income was from bonds at \$151 billion, followed by common stock (\$76 billion) and mortgage loans (\$28 billion). Gross investment income decreased 6.8 percent in 2020 to \$293 billion. Investment expenses, taxes, and deductions totaled \$15 billion, decreasing 5.5 percent from the previous year.

As a way of tracking investment performance, life insurers routinely calculate their net rate of return on invested assets. The net rate of return on invested assets is determined by dividing net investment income by the two-year average of the net invested assets. The

gross rate of return on total fixed income assets is calculated by dividing the gross investment income on bonds by the average net investment in bonds.

In 2020, life insurers' net rate of return on total assets was 3.93 percent, down from 4.57 a year earlier (Table 4.8). This net rate is an annual average based on aggregates of all U.S. life insurance companies after investment expenses, but before federal income taxes. Excluding separate accounts, the portfolio net rate of return on general account assets was 4.28 percent in 2020, down from 4.58 percent in 2019.

The gross rate of return on fixed-income assets measures the return on bonds, preferred stocks, and mortgages. It does not account for depreciation or investment expenses and excludes equity investments (other than preferred stocks), avoiding the uneven treatment of gains in the numerator and denominator of net rate data.

Gross rate data apply to fixed-income assets of both general and separate accounts. The industry's gross rate on total fixed-income assets was 4.15 percent in 2020, down from 4.43 percent in 2019.

NET GAIN FROM OPERATIONS

Statutory accounting calculates net gain from (insurance) operations as gross income minus operating expenses, policyholder dividends, and federal income taxes (not including tax on capital gains, since capital gains are not included in gain from operations). Net gain from operations after federal income taxes decreased 31.4 percent in 2020 to \$40 billion (Table 4.9). Net gains can be calculated separately for each major line of business. Net gains from annuities decreased to \$20 billion while net gain from life insurance fell to negative \$2 billion.

Table 4.1

Income of Life Insurers

	Millions			Average annual percent change	
	2010	2019	2020	2010/2020	2019/2020
Net Premiums and considerations					
Life insurance premiums	\$104,648	\$156,623	\$147,965	3.5	-5.5
Annuity considerations	293,622	347,494	301,341	0.3	-13.3
Health insurance premiums	172,717	188,088	186,336	0.8	-0.9
Total	570,987	692,205	635,643	1.1	-8.2
Investment income	212,841	314,493	293,154	3.3	-6.8
Other income¹	78,741	87,660	91,413	1.5	4.3
Aggregate total	862,570	1,094,358	1,020,211	1.7	-6.8

Source: ACLI tabulations of National Association of Insurance Commissioners (NAIC) data, used by permission.

Notes: NAIC does not endorse any analysis or conclusions based on use of its data. Data represent U.S. life insurers and fraternal benefit societies.

¹ Includes commissions and expense allowance on reinsurance ceded. Also, includes amortization of interest maintenance reserve. Premiums are net of reinsurance business and fluctuate with reinsurance activities as well as sale changes. Please see Chapter 6 for reinsurance business.

Table 4.2

Premium Receipts of Life Insurers

	Millions			Average annual percent change	
	2010	2019	2020	2010/2020	2019/2020
NET BUSINESS					
Life insurance premiums					
Individual	\$79,621	\$125,600	\$120,706	4.2	-3.9
Group	24,191	30,352	26,711	1.0	-12.0
Credit	836	671	548	-4.1	-18.3
Total	104,648	156,623	147,965	3.5	-5.5
Annuity considerations					
Individual	189,946	204,309	150,086	-2.3	-26.5
Group	103,677	143,185	151,255	3.8	5.6
Total	293,622	347,494	301,341	0.3	-13.3
Health insurance premiums					
Individual	81,246	60,644	59,863	-3.0	-1.3
Group	90,741	126,763	125,809	3.3	-0.8
Credit	730	681	665	-0.9	-2.3
Total	172,717	188,088	186,336	0.8	-0.9
Aggregate total	570,987	692,205	635,643	1.1	-8.2
DIRECT BUSINESS					
Life insurance premiums					
Individual	\$129,503	\$153,734	\$152,832	1.7	-0.6
Group	30,459	39,748	39,210	2.6	-1.4
Credit	1,254	811	687	-5.8	-15.3
Total	161,217	194,293	192,729	1.8	-0.8
Annuity considerations					
Individual	197,148	225,401	213,742	0.8	-5.2
Group	109,573	148,120	163,163	4.1	10.2
Total	306,720	373,521	376,905	2.1	0.9
Health insurance premiums					
Individual	84,586	64,527	68,784	-2.0	6.6
Group	91,353	141,094	140,946	4.4	-0.1
Credit	947	889	725	-2.6	-18.4
Total	176,886	206,510	210,455	1.8	1.9
Aggregate total	644,823	774,324	780,089	1.9	0.7

Source: ACLI tabulations of National Association of Insurance Commissioners (NAIC) data, used by permission.

Notes: NAIC does not endorse any analysis or conclusions based on use of its data. Data represent U.S. life insurers and fraternal benefit societies. Differences between net and direct premiums are caused by reinsurance activities, as reported in Chapter 6.

Table 4.3

Individual and Group Life Insurance Net Premium Receipts, 2020 (millions)

	Individual	Percent distribution	Group	Percent distribution	Total	Percent distribution
First-year	\$18,372	15.2	\$4,028	15.1	\$22,400	15.2
Single¹	18,261	15.1	4,212	15.8	22,473	15.2
Renewal	84,072	69.7	18,472	69.2	102,544	69.6
Aggregate total	120,706	100.0	26,711	100.0	147,417	100.0

Source: ACLI tabulations of National Association of Insurance Commissioners (NAIC) data, used by permission.

Notes: NAIC does not endorse any analysis or conclusions based on use of its data. Credit life premiums on loans of 10 years' or less duration are excluded. Data represent U.S. life insurers and fraternal benefit societies.

¹ Includes dividend additions, excess premiums beyond planned periodic premiums, and single-premium riders.

Premiums are net of reinsurance business and fluctuate with reinsurance activities as well as sale changes. Please see Chapter 6 for reinsurance business.

Table 4.4

Individual and Group Annuity Considerations, 2020 (millions)

	Individual ¹	Group ¹	Total	Percent distribution
First-year	\$88,856	\$19,363	\$108,219	35.9
Single²	67,017	19,874	86,891	28.8
Renewal	-5,787	112,018	106,231	35.3
Total	150,086	151,255	301,341	100.0

Source: ACLI tabulations of National Association of Insurance Commissioners (NAIC) data, used by permission.

Notes: NAIC does not endorse any analysis or conclusions based on use of its data. Data represent U.S. life insurers and fraternal benefit societies.

¹ Excludes certain deposit-type funds from income due to codification, and includes supplementary contracts with life contingencies. Also excludes reserves for supplementary contracts without life contingencies and annuities certain, lottery payouts, structured settlements, and income payout options.

² Includes supplementary contracts with life contingencies for individual annuity considerations.

Premiums are net of reinsurance business and fluctuate with reinsurance activities as well as sale changes. Please see Chapter 6 for reinsurance business.

Table 4.5

Individual Life Premiums and Annuity Considerations as Percentage of Disposable Personal Income

	Percent		
	2010	2019	2020
Individual			
Life premiums	1.14	0.94	0.87
Annuity considerations ¹	1.74	1.38	1.22
Total	2.89	2.32	2.09

Sources: U.S. Department of Commerce; ACLI tabulations of National Association of Insurance Commissioners (NAIC) data, used by permission.

Notes: NAIC does not endorse any analysis or conclusions based on use of its data. Data represent U.S. life insurers and fraternal benefit societies. U.S. Department of Commerce data from past years may be revised.

¹ Excludes certain deposit-type funds from income due to codification, and includes supplementary contracts with life contingencies. Also excludes reserves for supplementary contracts without life contingencies and annuities certain, lottery payouts, structured settlements, and income payout options.

Beginning with 2017 edition of Fact Book, data used in this table represent direct business. Prior editions of Fact Book used net business.

Table 4.6

Accident and Health Insurance Net Premium Receipts

	Millions			Average annual percent change	
	2010	2019	2020	2010/2020	2019/2020
Group	\$90,741	\$126,763	\$125,809	3.3	-0.8
Credit	730	681	665	-0.9	-2.3
Individual					
Collectively renewable	30	12	11	-9.4	-5.6
Noncancelable	7,631	4,265	1,531	-14.8	-64.1
Guaranteed renewable	34,248	31,817	31,137	-0.9	-2.1
Nonrenewable	6,708	1,616	1,566	-13.5	-3.1
Other accident	12,900	5,638	5,849	-7.6	3.7
All other	19,730	17,296	19,769	0.0	14.3
Total	81,246	60,644	59,863	-3.0	-1.3
Aggregate total	172,717	188,088	186,336	0.8	-0.9

Source: ACLI tabulations of National Association of Insurance Commissioners (NAIC) data, used by permission.

Notes: NAIC does not endorse any analysis or conclusions based on use of its data. Premium receipts are net of reinsurance. Data represent U.S. life insurers and fraternal benefit societies.

Premiums are net of reinsurance business and fluctuate with reinsurance activities as well as sale changes. Please see Chapter 6 for reinsurance business.

Table 4.7

Net Investment Income

	Millions			Average annual percent change	
	2010	2019	2020	2010/2020	2019/2020
Gross investment income					
Bonds	\$146,062	\$152,998	\$151,232	0.3	-1.2
Preferred stock	573	756	791	3.3	4.6
Common stock	25,013	95,347	76,056	11.8	-20.2
Mortgage loans	20,024	27,320	27,628	3.3	1.1
Real estate	3,918	4,555	4,524	1.4	-0.7
Contract loans	8,041	8,239	8,175	0.2	-0.8
Cash/Short-term investments	528	3,800	1,659	12.1	-56.3
Other invested assets	7,505	18,496	17,553	8.9	-5.1
Derivative instruments	848	2,480	4,915	19.2	98.2
Other write-ins	330	502	622	6.5	23.9
Total	212,841	314,493	293,154	3.3	-6.8
Expenses, taxes, and deductions					
	10,701	16,028	15,143	3.5	-5.5
Net investment income	202,140	298,465	278,011	3.2	-6.9

Source: ACLI tabulations of National Association of Insurance Commissioners (NAIC) data, used by permission.

Notes: Data represent U.S. life insurers and fraternal benefit societies. NAIC does not endorse any analysis or conclusions based on use of its data.

NC: Not calculated.

Table 4.8

Rates of Return on Invested Assets of Life Insurers

	Percent		
	2010	2019	2020
Net rate			
Total assets	4.33	4.57	3.93
General account only	5.37	4.58	4.28
Gross rate			
Total fixed-income assets	5.68	4.43	4.15

Source: ACLI tabulations of National Association of Insurance Commissioners (NAIC) data, used by permission.

Notes: NAIC does not endorse any analysis or conclusions based on use of its data. Data represent U.S. life insurers and fraternal benefit societies.

Table 4.9

Net Gain From Operations After Federal Income Taxes

	Millions		
	2010	2019	2020
Life insurance			
Individual	\$7,525	\$5,447	-\$2,172
Group	2,077	1,880	115
Credit	151	60	41
Total	9,753	7,387	-2,016
Annuities¹			
Individual	16,657	21,917	16,916
Group	4,059	8,364	2,782
Total	20,716	30,281	19,698
Accident and health			
Total	10,978	12,651	17,674
Other²	5,513	7,440	4,295
Aggregate total	46,960	57,759	39,651

Source: ACLI tabulations of National Association of Insurance Commissioners (NAIC) data, used by permission.

Notes: NAIC does not endorse any analysis or conclusions based on use of its data. Net gain is calculated after dividends to policyholders and federal income taxes are deducted and before realized capitals gains or (losses) are added. Data represent U.S. life insurers and fraternal benefit societies.

¹Excludes certain deposit-type funds from income due to codification, and includes supplementary contracts with life contingencies. Also excludes reserves for supplementary contracts without life contingencies and annuities certain, lottery payouts, structured settlements, and income payout options.

²Includes lines of business other than life (e.g. workers compensation, aviation insurance, etc.).

NC: Not calculated.

Table 4.10

Income of Life Insurers, by Year (millions)

Year	Net Premium receipts				Investment income ¹	Other income ²	Total income
	Life insurance premiums	Annuity considerations	Health insurance premiums	Total premium receipts			
1911	\$626	\$4	--	\$630	\$182	\$24	\$836
1915	776	6	--	782	241	20	1,043
1920	1,374	7	--	1,381	341	42	1,764
1925	2,340	38	--	2,378	551	89	3,018
1930	3,416	101	--	3,517	891	186	4,594
1935	3,182	491	--	3,673	1,013	386	5,072
1940	3,501	386	--	3,887	1,231	540	5,658
1945	4,589	570	--	5,159	1,445	1,070	7,674
1950	6,249	939	\$1,001	8,189	2,075	1,073	11,337
1955	8,903	1,288	2,355	12,546	2,801	1,197	16,544
1960	11,998	1,341	4,026	17,365	4,304	1,338	23,007
1965	16,083	2,260	6,261	24,604	6,778	1,785	33,167
1970	21,679	3,721	11,367	36,767	10,144	2,143	49,054
1975	29,336	10,165	19,074	58,575	16,488	2,959	78,022
1980	40,829	22,429	29,366	92,624	33,928	4,336	130,888
1985	60,127	53,899	41,837	155,863	67,952	10,212	234,027
1990	76,692	129,064	58,254	264,010	111,853	26,337	402,200
1995	102,766	158,389	90,038	351,193	143,967	32,894	528,054
1996	107,598	178,416	92,183	378,197	152,700	30,190	561,087
1997	115,039	197,529	92,737	405,305	170,713	34,628	610,646
1998	119,897	229,493	94,881	444,271	176,801	42,311	663,383
1999	120,274	270,212	100,049	490,535	186,563	49,830	726,928
2000	130,616	306,693	105,619	542,928	220,862	47,679	811,469
2001	125,314	251,255 [^]	103,413	479,982	203,399	41,068	724,448
2002	134,483	269,296	108,703	512,482	180,855	40,676	734,013
2003	127,320	268,558	115,827	511,705	179,744	35,558	727,007
2004	139,691	276,677	125,752	542,120	186,827	27,863	756,810
2005	142,261	277,117	118,267	537,645	206,859	34,521	779,024
2006	149,223	302,727	141,198	593,149	239,669	50,779	883,597
2007	142,661	314,225	151,462	608,348	267,394	74,624	950,366
2008	147,182	328,135	165,034	640,350	260,123	40,166	940,638
2009	124,564	231,580	166,164	522,308	211,650	47,468	781,426
2010	104,648	293,622	172,717	570,987	212,841	78,741	862,570

Table 4.10, continued

Income of Life Insurers, by Year (millions), continued

Year	Net Premium receipts				Investment income ¹	Other income ²	Total income
	Life insurance premiums	Annuity considerations	Health insurance premiums	Total premium receipts			
2011	127,455	334,895	171,647	633,997	221,007	60,332	915,336
2012	135,392	348,095	172,300	655,788	228,084	68,483	952,355
2013	130,582	287,669	175,084	593,335	237,995	75,397	906,727
2014	138,308	361,586	158,391	658,285	267,486	73,579	999,351
2015	155,866	333,016	159,855	648,737	289,894	126,080	1,064,712
2016	119,334	326,795	164,002	610,131	279,101	96,614	985,845
2017	141,794	294,861	170,498	607,152	280,764	85,522	973,438
2018	150,192	279,298	185,446	614,935	312,524	80,763	1,008,222
2019	156,623	347,494	188,088	692,205	314,493	87,660	1,094,358
2020	147,965	301,341	186,336	635,643	293,154	91,413	1,020,211

Source: ACLI tabulations of National Association of Insurance Commissioners (NAIC) data, used by permission.

Notes: NAIC does not endorse any analysis or conclusions based on use of its data. Codification effective with 2001 Annual Statement filings changed the reporting of certain lines of business, particularly deposit-type contracts, as explained in footnotes. Prior to 1947, the business of health insurance departments of life insurers was not included in this series. Data represent U.S. life insurers and, as of 2003, fraternal benefit societies.

[^]Beginning in 2001, excludes certain deposit-type funds from income due to codification.

¹Beginning in 2000, represents gross investment income. Prior to 2000, figures are net of investment expenses.

²Beginning in 1975, includes commissions and expense allowance on reinsurance ceded. Beginning in 1992, includes amortization of the interest maintenance reserve.

Premiums are net of reinsurance business and fluctuate with reinsurance activities as well as sale changes. Please see Chapter 6 for reinsurance business.

Table 4.11

Individual Life Insurance Premium Receipts, by Year (millions)

Year	First-year	Single¹	Renewal	Total
1970	\$1,869	\$1,114	\$14,033	\$17,016
1975	2,705	1,505	18,125	22,335
1980	4,520	2,448	23,818	30,786
1981	5,927	2,486	27,283	35,696
1982	5,948	3,232	30,675	39,855
1983	6,910	4,221	27,913	39,044
1984	8,794	4,735	26,204	39,733
1985	10,858	6,941	29,202	47,001
1986	11,524	9,901	30,980	52,405
1987	12,484	15,610	34,584	62,678
1988	10,670	11,893	36,150	58,713
1989	10,658	8,800	38,716	58,174
1990	11,249	8,261	41,055	60,565
1991	11,398	8,445	43,521	63,364
1992	11,141	9,389	45,739	66,269
1993	13,314	11,447	50,570	75,331
1994	14,081	8,820	53,153	76,054
1995	12,081	9,945	56,453	78,479
1996	12,041	10,799	60,001	82,841
1997	14,592	11,999	60,846	87,437
1998	17,353	15,802	60,396	93,550
1999	16,784	13,540	63,029	93,354
2000	17,881	16,565	68,047	102,493
2001	17,849	19,145	58,432	95,426
2002	15,934	21,768	68,454	106,156
2003	14,650	20,463	62,795	97,907
2004	16,098	23,550	71,207	110,855
2005	16,680	25,363	69,873	111,915
2006	14,578	29,774	69,612	113,964
2007	14,145	40,291	49,044	103,479
2008	14,460	34,068	68,871	117,399
2009	12,395	17,930	68,253	98,579
2010	10,723	20,749	48,148	79,621
2011	18,150	19,740	62,874	100,763
2012	21,272	20,084	64,995	106,352
2013	17,796	13,244	72,171	103,210

Table 4.11, continued

Individual Life Insurance Premium Receipts, by Year (millions), continued				
Year	First-year	Single¹	Renewal	Total
2014	17,373	19,708	72,589	109,670
2015	16,359	19,815	88,327	124,501
2016	17,390	19,597	53,120	90,107
2017	16,984	19,584	75,507	112,075
2018	17,955	17,846	82,161	117,962
2019	19,200	19,437	86,964	125,600
2020	18,372	18,261	84,072	120,706

Source: ACLI tabulations of National Association of Insurance Commissioners (NAIC) data, used by permission.

Notes: NAIC does not endorse any analysis or conclusions based on use of its data. 1969-72 data include credit life insurance premiums. Beginning with 1973, credit life premiums on loans of 10 years' or less in duration are excluded. Data represent U.S. life insurers and, as of 2003, fraternal benefit societies.

¹ Includes dividend additions, excess premiums beyond planned periodic premiums, and single-premium riders.

Premiums are net of reinsurance business and fluctuate with reinsurance activities as well as sale changes. Please see Chapter 6 for reinsurance business.

Table 4.12

Individual Annuity Considerations, by Year (millions)

Year	First-year	Single	Renewal	Deposit-type funds ¹	Total
1970	\$183	\$230	\$547	-	\$960
1975	728	808	1,128	-	2,664
1980	839	3,033	2,424	NA	6,296
1981	1,240	6,100	2,950	NA	10,290
1982	2,863	8,769	3,564	NA	15,196
1983	2,211	7,842	3,950	NA	14,003
1984	2,385	8,673	4,648	NA	15,706
1985	3,390	11,095	6,406	NA	20,891
1986	4,683	13,281	8,153	NA	26,117
1987	6,238	18,578	8,948	NA	33,764
1988	7,875	28,053	7,856	NA	43,784
1989	5,597	20,970	6,437	\$16,403	49,407
1990	6,080	22,777	6,992	17,817	53,665
1991	5,854	21,930	6,732	17,154	51,670
1992	6,775	21,964	7,378	25,232	61,348
1993	8,793	23,393	6,513	38,288	76,987
1994	8,263	22,901	6,448	43,221	80,832
1995	7,913	22,898	8,725	37,834	77,370
1996	9,727	19,802	6,461	48,077	84,067
1997	10,806	22,441	6,781	50,145	90,174
1998	11,092	17,129	7,179	60,047	95,446
1999	14,599	19,470	6,784	74,767	115,621
2000	15,050	27,022	7,480	90,099	139,651
2001*	51,576	63,078	27,002	NA	141,656
2002	64,731	75,412	28,291	NA	168,434
2003	61,439	75,410	24,855	NA	161,704
2004	60,568	86,383	25,188	NA	172,140
2005	66,771	78,354	21,907	NA	167,032
2006	81,923	77,193	27,967	NA	187,083
2007	92,395	71,268	28,841	NA	192,503
2008	89,758	94,111	25,097	NA	208,965
2009	93,919	19,331	15,603	NA	128,853
2010	100,286	61,164	28,496	NA	189,946
2011	120,303	60,168	37,366	NA	217,837
2012	107,865	53,941	27,452	NA	189,258
2013	110,625	61,068	7,885	NA	179,578

Table 4.12, continued

Individual Annuity Considerations, by Year (millions), continued						
Year	First-year	Single	Renewal	Deposit-type funds¹	Total	
2014	106,198	109,161	32,067	NA	247,426	
2015	99,914	69,903	39,096	NA	208,913	
2016	84,440	74,089	43,783	NA	202,312	
2017	79,375	67,178	18,237	NA	164,790	
2018	91,891	47,113	15,656	NA	154,660	
2019	95,691	79,758	28,860	NA	204,309	
2020	88,856	67,017	-5,787	NA	150,086	

Source: ACLI tabulations of National Association of Insurance Commissioners (NAIC) data, used by permission.

Notes: NAIC does not endorse any analysis or conclusions based on use of its data. Codification effective with 2001 Annual Statement filings changed the reporting of certain lines of business, particularly deposit-type contracts, as explained in footnotes. Data represent U.S. life insurers and, as of 2003, fraternal benefit societies.

NA: Not available.

¹Certain deposit-type funds are excluded from income under codification, making data after 2000 incomparable.

¹First included in annual statements for 1978 and divided into first-year, single, and renewal annuity considerations through 1988.

Premiums are net of reinsurance business and fluctuate with reinsurance activities as well as sale changes. Please see Chapter 6 for reinsurance business.

Table 4.13

Rates of Return on Invested Assets of Life Insurers, by Year (percent)

Year	Net rate		Gross rate
	Total assets	General account only	Total fixed-income assets
1920	4.83	NA	NA
1925	5.11	NA	NA
1930	5.05	NA	NA
1935	3.70	NA	NA
1940	3.45	NA	NA
1945	3.11	NA	NA
1950	3.13	NA	NA
1955	3.51	NA	NA
1960	4.11	NA	NA
1965	4.61	4.61	NA
1970	5.30	5.34	5.85
1975	6.36	6.44	7.37
1980	8.02	8.06	9.26
1985	9.63	9.87	12.23
1990	8.89	9.31	10.34
1991	8.63	9.09	10.05
1992	8.08	8.58	9.44
1993	7.52	8.04	8.71
1994	7.14	7.63	8.22
1995	7.41	7.90	8.43
1996	7.25	7.75	8.17
1997	7.35	7.86	8.08
1998	6.95	7.58	8.00
1999	6.71	7.49	7.93
2000	7.05	7.40	7.91
2001	6.31	7.13	7.62
2002	5.38	6.64	7.13
2003	5.03	6.17	6.44
2004	4.80	5.93	6.03
2005	4.90	5.88	5.96
2006	5.35	5.95	5.99
2007	5.71	6.01	6.10
2008	5.70	5.63	6.01
2009	4.60	5.25	5.91
2010	4.33	5.37	5.68

Table 4.13, continued

Rates of Return on Invested Assets of Life Insurers, by Year (percent), continued

Year	Net rate		Gross rate
	Total assets	General account only	Total fixed-income assets
2011	4.35	5.29	5.73
2012	4.25	5.07	5.30
2013	4.20	5.09	4.91
2014	4.61	5.19	4.80
2015	4.81	4.91	4.64
2016	4.50	4.86	4.56
2017	4.28	4.80	4.43
2018	4.72	4.75	4.40
2019	4.57	4.58	4.43
2020	3.93	4.28	4.15

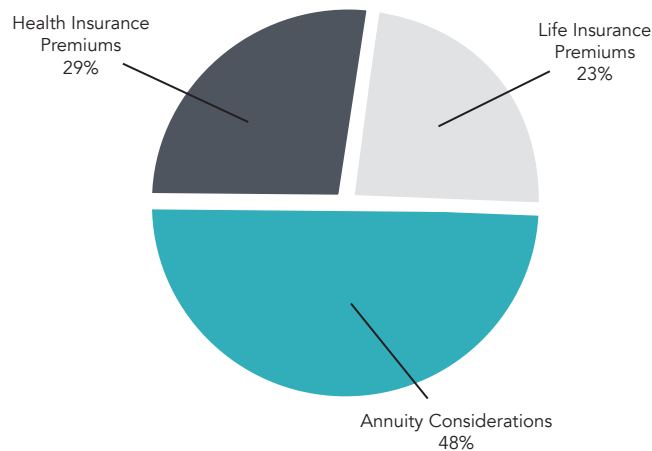
Source: ACLI tabulations of National Association of Insurance Commissioners (NAIC) data, used by permission.

Notes: NAIC does not endorse any analysis or conclusions based on use of its data. Before 1940, some federal income taxes were deducted from net investment income; beginning with 1940, rates are calculated before deducting any federal income taxes. Beginning in 1994, rates include amortization of the interest maintenance reserve. Data represent U.S. life insurers and, as of 2003, fraternal benefit societies.

NA: Not available.

Figure 4.1

Distribution of Life Insurers' Net Premium Receipts, 2020



Source: ACLI tabulations of National Association of Insurance Commissioners (NAIC) data, used by permission. NAIC does not endorse any analysis or conclusions based on use of its data.

Note: Data represent U.S. life insurers and fraternal benefit societies.