
AB TAX BULLETIN 2023

This booklet is a summary of useful tax information for various AB funds. It is intended to assist you, as an investor, in the preparation of your 2023 Federal and State tax returns. **We recommend you consult your tax advisor for assistance with how this information will impact your specific tax situation.**

AB Tax Forms

1099-DIV

For investors who received dividends and/or capital gain distributions in 2023, their Form 1099-DIV could reflect one or more of the following:

- Box 1a Total ordinary dividends
- Box 1b Qualified dividends
- Box 2a Total capital gain distributions
- Box 2b Unrecap. Sec. 1250 gain
- Box 2d Collectibles (28%) gain
- Box 2e Section 897 ordinary dividends
- Box 2f Section 897 capital gain
- Box 3 Nondividend distributions
- Box 4 Federal income tax withheld
- Box 5 Section 199A dividends
- Box 6 Investment Expenses
- Box 7 Foreign tax paid
- Box 9 Cash liquidation distributions
- Box 10 Noncash liquidation distributions
- Box 11 FATCA filing requirement
- Box 12 Exempt-interest dividends
- Box 13 Specified private activity bond interest dividends
- Box 14 State
- Box 15 State identification no.
- Box 16 State tax withheld

Whether reinvested in additional shares or taken in cash, mutual fund shareholders in non-retirement accounts are responsible for taxes on all income dividends and capital gains distributions.

For federal income tax purposes, the Fund's distribution of income dividends and short-term capital gains will be taxable to you as ordinary income. Distributions of long-term capital gains generally will be taxable to you as long-term capital gains at the prevailing capital gains tax rate. Market discounts on tax-exempt bonds and swap gains are taxable as ordinary income.

Under current tax legislation, distributions from a mutual fund may be treated as "qualified dividend income" (QDI), generally taxable to individuals at the reduced maximum rate of 20%, provided that the Fund satisfies certain holding period and other requirements. In addition, an individual must meet certain holding period requirements with respect to the shares of the Fund in order to take advantage of the reduced maximum 20% qualified dividend income tax rate. QDI does not generally apply to fixed income funds.

Non-Taxable Distributions

For certain Funds, a portion of the dividends paid during the

2023 calendar year may have been designated as a nondividend distribution. These nondividend distributions are reflected in Box 3 of your 2023 Form 1099-DIV or substitute Form 1099.

In addition, the AB website has a "Tax Center" location where you may view current and historical reporting of Funds that had nondividend distributions and other Fund corporate actions that may affect a shareholder's cost basis.

Municipal Bond Funds

Market discount on tax-exempt bonds, as well as swap gains, are recognized as taxable income to shareholders. Taxable distributions will be reflected in Box 1a and/or 2a of your 2023 Form 1099-DIV or substitute Form 1099. Exempt-interest dividends and dividends subject to alternative minimum tax are reported in boxes 10 and 11, respectively, on Form 1099-DIV.

Additional Information

Some states and local municipalities allow taxpayers to exclude from their gross income calculation interest income dividends (but not capital gains distributions) derived from certain Federal obligations.

Included in this booklet is a schedule displaying the sources of the respective Fund's income dividends, which may be of use to you depending on the tax law prescribed within your individual state or local taxing authority. The appropriate percentages should be applied to the dividends received by you.

Ordering Duplicate Tax Forms

You can obtain a duplicate tax form by visiting our website at www.abfunds.com/go/login.

TurboTax® and H&R Block®

Do your taxes online! AB shareholders can utilize TurboTax and H&R Block to import 1099 data, which is viewable once logged into your account at www.abfunds.com/go/login.

TurboTax and H&R Block, among others, are registered trademarks and/or service marks in the United States and other countries.

Contact Us

If you have any questions, please contact Client Services at 800.221.5672 between 8:30 a.m. and 6:30 p.m., ET.

Visit us at www.abfunds.com.

Did You Know

Many state unclaimed property laws require shareholders to demonstrate an awareness of their accounts by maintaining a valid address and establishing contact with their mutual fund companies. To establish state-mandated contact with AB, you can log into your account at www.abfunds.com/go/login

Investment Products Offered:

- Are Not FDIC Insured
- May Lose Value
- Are Not Bank Guaranteed

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DIVIDENDS RECEIVED DEDUCTION PERCENTAGES

These percentages reflect the amount of ordinary dividends eligible for the 70% dividends received deduction for corporate shareholders.

Fund Name	Fund Number(s)	Percent Qualifying for Deduction
AB Concentrated Growth Fund	33, 433, 333	100.00%
AB Core Opportunities Fund	102, 302, 402	100.00%
AB Discovery Value Fund	157, 357, 457	100.00%
AB Equity Income Fund	9, 309, 409	100.00%
AB Global Core Equity Portfolio	147, 847, 448	89.18%
AB Global Risk Allocation Fund	96, 396, 496	4.70 %
AB International Low Volatility Equity Portfolio ¹	21, 421, 821	23.22%
AB Large Cap Growth Fund	78, 378, 478	100.00%
AB Relative Value Fund	94, 394, 494	100.00%
AB Select US Equity Portfolio	132, 376, 477	100.00%
AB Select US Long/Short Portfolio	130, 330, 430	91.27%
AB Small Cap Value Portfolio	145, 845, 435	100.00%
AB Sustainable Global Thematic Fund, Inc.	82, 382, 482	100.00%
AB Sustainable US Thematic Portfolio	196, 700, 2427	71.62%
AB Tax-Aware Fixed Income Opportunities Portfolio	107, 307, 407	3.31%
AB Value Fund	153, 353, 453	100.00%
AB Blended Style Series – Emerging Markets Portfolio	664	3.02%
AB Bernstein Fund – Small Cap Core Portfolio	452	100.00%
AB Tax-Managed Wealth Strategies - Wealth Appreciation Strategy	192, 392, 492	19.67%
AB Wealth Strategies – AB All Market Total Return	175, 375, 475	44.87%
AB Wealth Strategies – Sustainable Thematic Balanced Portfolio	187, 487, 387	73.66%
AB Wealth Strategies – Wealth Appreciation Strategy	151, 351, 451	21.22%

¹ Formerly known as, AB International Strategic Core Portfolio

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FOREIGN TAXES

The Funds listed below have qualified to "pass-through" their foreign taxes. Accordingly, the information below reflects the amount of foreign taxes that each Fund is passing through to their shareholders. You may choose to deduct your portion of the taxes in computing your taxable income. Alternatively, it may be beneficial for you to forgo the deduction and to take a credit against your tax liability. These deductions or credits may be subject to limitations under the tax law. Please consult your tax advisor regarding the appropriate treatment of foreign taxes paid.

Fund Name (Fund Numbers)	Class of Shares	Payable Date	Net Dividend Per Share	Foreign Taxes Paid Per Share*	Gross Dividend Per Share
AB Emerging Markets Multi-Asset Portfolio (99, 300, 400, 2100, 2000, 900)	Class A	06/09/23	\$ 0.0597	\$ 0.0327	\$ 0.0924
	Class C	06/09/23	\$ 0.0453	\$ 0.0327	\$ 0.0780
	Advisor Class	06/09/23	\$ 0.0642	\$ 0.0327	\$ 0.0969
	Class I	06/09/23	\$ 0.0638	\$ 0.0327	\$ 0.0965
	Class K	06/09/23	\$ 0.0594	\$ 0.0327	\$ 0.0921
	Class R	06/09/23	\$ 0.0547	\$ 0.0327	\$ 0.0874
AB Trust – AB International Value Fund (159, 359, 459, 2159, 2059, 959)	Class A	12/11/23	\$ 0.1659	\$ 0.0358	\$ 0.2017
	Class C	12/11/23	\$ 0.0518	\$ 0.0358	\$ 0.0876
	Advisor Class	12/11/23	\$ 0.2033	\$ 0.0358	\$ 0.2391
	Class I	12/11/23	\$ 0.2018	\$ 0.0358	\$ 0.2376
	Class K	12/11/23	\$ 0.1681	\$ 0.0358	\$ 0.2039
	Class R	12/11/23	\$ 0.1332	\$ 0.0358	\$ 0.1690
AB All China Equity Portfolio (182, 702)	Class A	12/19/23	\$ 0.1176	\$ 0.0239	\$ 0.1415
	Advisor Class	12/19/23	\$ 0.1531	\$ 0.0239	\$ 0.1770
AB Cap Fund, Inc. – AB International Low Volatility Equity Portfolio ¹ (21, 821, 421)	Class A	12/12/23	\$ 0.2651	\$ 0.0333	\$ 0.2984
	Class C	12/12/23	\$ 0.1840	\$ 0.0333	\$ 0.2173
	Advisor Class	12/12/23	\$ 0.2974	\$ 0.0333	\$ 0.3307
AB Bernstein – International Small Cap Portfolio (454)	Advisor Class	12/08/23	\$ 0.3304	\$ 0.0431	\$ 0.3735
AB Bernstein – International Strategic Equities Portfolio (488)	Advisor Class	12/08/23	\$ 0.3585	\$ 0.0405	\$ 0.3990

¹ Formerly known as, AB International Strategic Core Portfolio

*It may no longer be necessary for you to report the country-by-country breakdown of foreign source income and foreign taxes. Please consult your tax advisor to determine whether you require this information. If needed, you may obtain this country-by-country breakdown by contacting a Client Service Associate at 800.221.5672.

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QUALIFIED DIVIDEND INFORMATION

Below are the funds that paid qualified dividends and the qualified dividend percentage of their total ordinary dividends. *(Please note: In general, fixed income funds do not generate qualified dividends.)* If applicable, qualified dividends will be reflected in Box 1b of your Form 1099-DIV.

Fund Name	Fund Number(s)	Qualified Dividend Percentage
AB All China Equity Portfolio	182, 702	100.00%
AB Concentrated Growth Fund	33, 433, 333	100.00%
AB Core Opportunities Fund	102, 302, 402, 902	100.00%
AB Discovery Value Fund	157, 357, 457, 957	100.00%
AB Emerging Markets Multi-Asset Portfolio	99, 300, 400, 900	28.79%
AB Equity Income Fund	9, 309, 409, 909	100.00%
AB Global Core Equity Portfolio	147, 448, 847	100.00%
AB Global Risk Allocation Fund	96, 396, 496, 975	12.09%
AB International Low Volatility Equity Portfolio ¹	21, 421, 821	100.00%
AB International Value Fund	159, 359, 459, 959	100.00%
AB Large Cap Growth Fund	78, 478, 378, 978	100.00%
AB Relative Value Fund	94, 394, 494, 994	100.00%
AB Select US Equity Portfolio	132, 376, 477, 932	90.17%
AB Select US Long/Short Portfolio	130, 330, 430, 930	91.13%
AB Small Cap Value Portfolio	145, 435, 845	100.00%
AB Sustainable Global Thematic Fund, Inc.	82, 382, 482, 982	100.00%
AB Sustainable US Thematic Portfolio	196, 700, 2427	83.37%
AB Tax-Aware Fixed Income Opportunities Portfolio	107, 307, 407	3.31%
AB Value Fund	153, 353, 453, 953	100.00%
AB Blended Style Series - Emerging Markets Portfolio	664	77.69%
AB Bernstein Fund - International Small Cap Portfolio	454	83.40%
AB Bernstein Fund - International Strategic Equities Portfolio	488	80.72%
AB Bernstein Fund - Small Cap Core Portfolio	452	100.00%
AB Tax-Managed Wealth Strategies - Wealth Appreciation Strategy	192, 392, 492	94.24%
AB Wealth Strategies - All Market Total Return Portfolio	175, 375, 475, 976	73.40%
AB Wealth Strategies - Sustainable Thematic Balanced Portfolio	187, 487, 387, 987	77.60%
AB Wealth Strategies - Wealth Appreciation Strategy	151, 351, 451, 951	91.19%

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INCOME PERCENTAGES BY SECURITY TYPE

Certain AB Mutual Funds invest in obligations of the United States and obligations guaranteed by the United States or an agency or instrumentality of the United States ("Federal Obligations"). The information below summarizes the percentages of income received by various AB Mutual Funds from Federal Obligations.

Open End Fund Name*	Qualifying U.S. Government Sources:				Non-Qualifying Sources:					Totals
	U.S. Treasury Securities	FHLB Securities (a)	FFCB Securities (b)	SLMA Securities (c)	GNMA Securities (d)	FNMA Securities (e)	FHLMC Securities (f)	Other U.S. Gov't Agencies	Non-U.S. Gov't Securities	
AB Bond Fund – Short Duration Income Portfolio	34.36%	0.00%	0.00%	0.00%	0.00%	4.08%	3.76%	0.00%	57.80%	100.00%
AB Bond Fund – Bond Inflation Strategy	19.86%	0.00%	0.00%	0.00%	0.04%	2.71%	3.76%	0.00%	73.63%	100.00%
AB Bond Fund – Income Fund	47.08%	0.24%	0.00%	0.00%	0.75%	2.27%	3.34%	0.00%	46.32%	100.00%
AB Bond Fund – Short Duration High Yield Portfolio ¹	1.79%	0.00%	0.00%	0.00%	0.00%	0.07%	0.01%	0.00%	98.13%	100.00%
AB Bond Fund – Municipal Bond Inflation Strategy	0.27%	0.21%	0.08%	0.00%	0.00%	0.02%	1.09%	0.00%	98.33%	100.00%
AB Bond Fund – Tax-Aware Fixed Income Opportunities Portfolio	0.00%	0.00%	0.00%	0.00%	0.00%	0.22%	0.09%	0.00%	99.69%	100.00%
AB Bond Fund – Total Return Bond Portfolio	23.43%	0.00%	0.00%	0.00%	0.43%	14.20%	8.69%	0.00%	53.25%	100.00%
AB Cap Fund – Emerging Markets Multi-Asset Portfolio	1.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	98.75%	100.00%
AB Corporate Shares – Municipal Income Shares	1.24%	0.28%	0.11%	0.00%	0.00%	0.00%	0.16%	0.00%	98.21%	100.00%
AB Corporate Shares – Taxable Multi-Sector Income Shares	2.26%	16.57%	0.00%	0.00%	0.00%	2.56%	2.21%	0.00%	76.40%	100.00%
AB Corporate Shares – Tax-Aware Real Return Income Shares	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.15%	0.00%	98.85%	100.00%
AB Government Money Market Portfolio	11.97%	21.72%	8.39%	0.00%	0.00%	0.07%	0.01%	0.00%	57.84%	100.00%
AB Global Bond Fund	10.13%	0.00%	0.00%	0.00%	1.00%	1.04%	0.26%	0.00%	87.57%	100.00%
AB Global Risk Allocation Fund	9.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	90.19%	100.00%
AB High Income Fund	0.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	99.29%	100.00%
ABMIF II – Arizona Portfolio	0.29%	0.52%	0.20%	0.00%	0.00%	0.00%	0.00%	0.00%	98.99%	100.00%
ABMIF II – Massachusetts Portfolio	4.83%	0.61%	0.24%	0.00%	0.00%	0.00%	0.00%	0.00%	94.32%	100.00%
ABMIF II – Minnesota Portfolio	0.31%	0.56%	0.22%	0.00%	0.00%	0.00%	0.00%	0.00%	98.91%	100.00%
ABMIF II – New Jersey Portfolio	0.78%	0.57%	0.22%	0.00%	0.00%	0.00%	0.00%	0.00%	98.43%	100.00%
ABMIF II – Ohio Portfolio	0.20%	0.37%	0.14%	0.00%	0.00%	0.00%	0.00%	0.00%	99.29%	100.00%
ABMIF II – Pennsylvania Portfolio	0.24%	0.43%	0.17%	0.00%	0.00%	0.00%	0.00%	0.00%	99.16%	100.00%
ABMIF II – Virginia Portfolio	0.45%	0.81%	0.31%	0.00%	0.00%	0.00%	0.00%	0.00%	98.43%	100.00%
ABMIF – California Portfolio	1.71%	0.53%	0.20%	0.00%	0.00%	0.00%	0.49%	0.00%	97.07%	100.00%
ABMIF – High Income Portfolio	0.13%	0.24%	0.09%	0.00%	0.00%	0.00%	0.14%	0.00%	99.40%	100.00%
ABMIF – National Portfolio	0.26%	0.48%	0.18%	0.00%	0.00%	0.00%	0.42%	0.00%	98.66%	100.00%
ABMIF – New York Portfolio	0.32%	0.58%	0.22%	0.00%	0.00%	0.00%	0.00%	0.00%	98.88%	100.00%
AB Sustainable Thematic Credit Fund	0.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	99.44%	100.00%

INCOME PERCENTAGES BY SECURITY TYPE

Closed End Fund Name*	Qualifying U.S. Government Sources:				Non-Qualifying Sources:					Totals
	U.S. Treasury Securities	FHLB Securities (a)	FFCB Securities (b)	SLMA Securities (c)	GNMA Securities (d)	FNMA Securities (e)	FHLMC Securities (f)	Other U.S. Gov't Agencies	Non-U.S. Gov't Securities	
AllianceBernstein Global High Income Fund**	0.83%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	99.17%	100.00%
AllianceBernstein National Municipal Income Fund, Inc.**	0.23%	0.42%	0.16%	0.00%	0.00%	0.00%	0.00%	0.00%	99.19%	100.00%

* Funds not listed did not hold the above securities

** If you have questions, please call Computershare at 800.219.4218

(a) Federal Home Loan Bank
(b) Federal Farm Credit Bank

(c) Student Loan Marketing Association
(d) Government National Mortgage Association

(e) Federal National Mortgage Association
(f) Federal Home Loan Mortgage Corporation

¹ Formerly known as, AB Bond Fund – AB Limited Duration High Income Portfolio

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INCOME PERCENTAGES BY STATE Municipal Bond Funds

The information below summarizes the percentage of exempt interest income received by various AB Municipal Bond Funds on a state-by-state basis. These percentages may be useful in completing your state tax return. In addition, the percentage of income that represents a tax preference item (relating to tax-exempt interest income from private activity bonds) for alternative minimum tax purposes is noted below for each Portfolio or Fund on the line designated "AMT Percentage."

State	ABMIF - California Portfolio	ABMIF - New York Portfolio	ABMIF II - Arizona Portfolio	ABMIF II - Massachusetts Portfolio	ABMIF II - Minnesota Portfolio	ABMIF II - New Jersey Portfolio
Alabama	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Alaska	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
American Samoa	0.06%	0.08%	0.09%	0.07%	0.00%	0.07%
Arizona	0.00%	0.00%	84.44%	0.51%	0.00%	0.23%
Arkansas	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
California	93.45%	0.00%	0.00%	0.00%	0.00%	0.00%
Colorado	0.00%	0.00%	0.00%	0.08%	0.00%	0.00%
Connecticut	0.00%	0.00%	0.00%	0.49%	0.00%	0.00%
Delaware	0.00%	0.00%	0.56%	0.00%	0.00%	1.38%
District of Columbia	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Florida	0.00%	0.15%	0.00%	1.84%	0.00%	0.20%
Georgia	0.12%	0.18%	0.21%	0.00%	0.00%	0.00%
Guam	2.01%	2.60%	4.28%	3.45%	0.00%	3.09%
Hawaii	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Idaho	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Illinois	0.19%	0.52%	0.50%	1.31%	0.00%	0.61%
Indiana	0.19%	0.49%	0.38%	0.25%	0.00%	0.00%
Iowa	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Kansas	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Kentucky	0.00%	0.06%	1.21%	0.00%	0.00%	0.00%
Louisiana	0.03%	0.03%	1.14%	0.00%	0.00%	0.00%
Maine	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Maryland	0.00%	0.16%	0.00%	0.00%	0.00%	0.00%
Massachusetts	0.00%	0.00%	0.00%	83.92%	0.00%	0.00%
Michigan	0.04%	0.06%	0.07%	0.06%	0.00%	0.10%
Minnesota	0.00%	0.16%	0.00%	0.00%	100.00%	0.00%
Mississippi	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Missouri	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Montana	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Nebraska	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Nevada	0.00%	0.00%	0.00%	0.00%	0.00%	0.15%
New Hampshire	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
New Jersey	0.00%	0.00%	0.00%	0.69%	0.00%	88.88%
New Mexico	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
New York	0.20%	90.86%	0.95%	0.00%	0.00%	0.00%
North Carolina	0.00%	0.00%	1.13%	0.87%	0.00%	0.00%
North Dakota	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Ohio	0.00%	0.00%	0.00%	0.00%	0.00%	0.39%
Oklahoma	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Oregon	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Pennsylvania	0.00%	0.00%	0.00%	1.09%	0.00%	0.00%
Puerto Rico	2.95%	3.44%	3.87%	3.75%	0.00%	3.33%
Rhode Island	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
South Carolina	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
South Dakota	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Tennessee	0.14%	0.26%	0.27%	0.23%	0.00%	0.31%
Texas	0.23%	0.18%	0.41%	0.87%	0.00%	0.46%
Utah	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Vermont	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Virginia	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Virgin Islands	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Washington	0.07%	0.11%	0.49%	0.00%	0.00%	0.53%
West Virginia	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Wisconsin	0.32%	0.66%	0.00%	0.52%	0.00%	0.27%
Wyoming	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total Percentage	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
AMT Percentage	9.42%	16.73%	7.70%	8.68%	6.79%	21.88%

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INCOME PERCENTAGES BY STATE Municipal Bond Funds

The information below summarizes the percentage of exempt interest income received by various AB Municipal Bond Funds on a state-by-state basis. These percentages may be useful in completing your state tax return. In addition, the percentage of income that represents a tax preference item (relating to tax-exempt interest income from private activity bonds) for alternative minimum tax purposes is noted below for each Portfolio or Fund on the line designated "AMT Percentage."

State	ABMIF II - Ohio Portfolio	ABMIF II - Pennsylvania Portfolio	ABMIF II - Virginia Portfolio ¹	AB National Muni Income Fund, Inc. ²	AB Bond Fund Inc. - Municipal Bond Inflation Strategy
Alabama	0.00%	0.00%	0.00%	1.49%	3.33%
Alaska	0.00%	0.00%	0.00%	0.00%	0.14%
American Samoa	0.10%	0.09%	0.08%	0.00%	0.04%
Arizona	0.30%	0.29%	0.73%	1.86%	1.38%
Arkansas	0.00%	0.00%	0.00%	0.33%	0.14%
California	0.60%	0.00%	0.00%	7.46%	8.35%
Colorado	0.00%	0.06%	0.00%	1.45%	2.95%
Connecticut	0.85%	0.00%	0.00%	1.79%	2.21%
Delaware	0.00%	0.00%	0.00%	0.00%	0.00%
District of Columbia	0.00%	0.00%	0.00%	0.37%	2.25%
Florida	0.91%	0.00%	0.00%	5.88%	4.44%
Georgia	0.15%	0.00%	0.17%	1.79%	3.65%
Guam	2.97%	2.43%	3.38%	0.00%	0.15%
Hawaii	0.00%	0.00%	0.00%	0.52%	0.00%
Idaho	0.00%	0.00%	0.00%	0.00%	0.00%
Illinois	0.00%	0.00%	1.57%	11.18%	5.76%
Indiana	0.39%	0.00%	0.00%	0.65%	2.68%
Iowa	0.00%	0.00%	0.00%	1.20%	1.99%
Kansas	0.61%	0.00%	0.00%	0.53%	0.45%
Kentucky	0.00%	0.69%	0.00%	0.02%	3.10%
Louisiana	0.00%	0.00%	0.00%	1.11%	1.08%
Maine	0.00%	0.00%	0.00%	0.00%	0.00%
Maryland	0.00%	0.00%	0.00%	1.55%	1.04%
Massachusetts	0.00%	0.00%	0.00%	1.04%	1.41%
Michigan	0.13%	0.08%	0.06%	5.82%	1.58%
Minnesota	0.00%	0.00%	0.00%	1.85%	0.68%
Mississippi	0.00%	0.00%	0.00%	0.00%	0.13%
Missouri	0.00%	0.00%	0.00%	0.00%	0.98%
Montana	0.00%	0.00%	0.00%	0.00%	0.20%
Nebraska	0.00%	0.00%	0.00%	1.23%	1.33%
Nevada	0.00%	0.00%	0.05%	1.42%	2.19%
New Hampshire	0.00%	0.00%	0.00%	1.66%	1.53%
New Jersey	0.00%	1.02%	0.00%	7.00%	4.99%
New Mexico	0.00%	0.00%	0.00%	0.00%	0.14%
New York	1.64%	0.43%	0.98%	6.18%	10.40%
North Carolina	0.92%	0.00%	0.38%	1.92%	0.46%
North Dakota	0.00%	0.00%	0.00%	0.09%	0.00%
Ohio	85.78%	0.00%	0.00%	2.21%	2.71%
Oklahoma	0.00%	0.00%	0.00%	1.52%	0.41%
Oregon	0.00%	0.00%	0.00%	0.20%	1.20%
Pennsylvania	0.00%	91.77%	0.00%	7.32%	6.14%
Puerto Rico	3.33%	2.82%	4.29%	0.11%	1.01%
Rhode Island	0.00%	0.00%	0.00%	0.00%	0.19%
South Carolina	0.00%	0.00%	0.08%	3.15%	1.19%
South Dakota	0.00%	0.00%	0.00%	0.17%	0.00%
Tennessee	0.35%	0.32%	0.23%	0.05%	2.00%
Texas	0.97%	0.00%	1.48%	6.64%	4.37%
Utah	0.00%	0.00%	0.00%	1.21%	0.45%
Vermont	0.00%	0.00%	0.00%	0.00%	0.00%
Virginia	0.00%	0.00%	85.52%	2.27%	1.16%
Virgin Islands	0.00%	0.00%	0.00%	0.00%	0.00%
Washington	0.00%	0.00%	0.51%	0.65%	4.92%
West Virginia	0.00%	0.00%	0.00%	0.69%	0.57%
Wisconsin	0.00%	0.00%	0.49%	6.42%	2.53%
Wyoming	0.00%	0.00%	0.00%	0.00%	0.00%
Total Percentage	100.00%	100.00%	100.00%	100.00%	100.00%
AMT Percentage	14.08%	8.72%	22.00%	15.44%	23.00%

¹ 15.14% also represents income from bonds not taxed in District of Columbia or Virginia.

² If you have questions, please call Computershare at 800.219.4218

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AB TAX BULLETIN 2023

INCOME PERCENTAGES BY STATE Municipal Bond Funds

The information below summarizes the percentage of exempt interest income received by various AB Municipal Bond Funds on a state-by-state basis. These percentages may be useful in completing your state tax return. In addition, the percentage of income that represents a tax preference item (relating to tax-exempt interest income from private activity bonds) for alternative minimum tax purposes is noted below for each Portfolio or Fund on the line designated "AMT Percentage."

State	AB Municipal Income Shares	AB Tax-Managed All Market Income	Intermediate New York Muni Portfolio	Intermediate Diversified Muni Portfolio	Intermediate California Muni Portfolio
Alabama	2.70%	0.50%	0.27%	3.21%	1.32%
Alaska	0.07%	0.00%	0.00%	0.12%	0.00%
American Samoa	0.00%	0.00%	0.03%	0.00%	0.04%
Arizona	1.52%	0.00%	0.00%	1.66%	0.00%
Arkansas	0.63%	0.00%	0.00%	0.11%	0.00%
California	12.21%	9.13%	0.00%	8.93%	87.52%
Colorado	3.27%	2.59%	1.19%	2.23%	0.05%
Connecticut	1.08%	0.00%	1.87%	2.99%	0.00%
Delaware	0.18%	0.00%	0.00%	0.15%	0.00%
District of Columbia	0.73%	1.76%	0.00%	1.51%	0.00%
Florida	5.87%	9.56%	0.10%	4.09%	0.09%
Georgia	2.74%	2.94%	0.19%	2.98%	0.22%
Guam	0.45%	0.49%	1.91%	0.02%	2.22%
Hawaii	0.00%	0.00%	0.00%	0.10%	0.00%
Idaho	0.03%	0.00%	0.00%	0.03%	0.00%
Illinois	7.89%	0.00%	2.59%	6.72%	1.73%
Indiana	1.74%	2.30%	0.12%	1.36%	0.11%
Iowa	1.13%	2.05%	0.00%	0.53%	0.00%
Kansas	0.63%	1.46%	0.00%	0.10%	0.00%
Kentucky	1.56%	1.75%	0.29%	2.53%	0.49%
Louisiana	0.68%	0.47%	0.15%	1.15%	0.15%
Maine	0.16%	0.00%	0.00%	0.02%	0.00%
Maryland	1.55%	1.42%	0.00%	0.69%	0.00%
Massachusetts	0.57%	1.02%	0.00%	1.83%	0.00%
Michigan	1.27%	3.46%	1.56%	6.27%	0.25%
Minnesota	0.46%	0.77%	0.00%	0.42%	0.00%
Mississippi	0.67%	0.00%	0.00%	0.00%	0.00%
Missouri	1.06%	3.95%	0.03%	0.42%	0.03%
Montana	0.01%	0.00%	0.00%	0.26%	0.00%
Nebraska	0.23%	0.00%	0.64%	0.89%	0.00%
Nevada	0.58%	1.14%	0.11%	1.43%	0.05%
New Hampshire	1.33%	0.00%	0.00%	1.34%	0.00%
New Jersey	4.07%	5.25%	3.03%	7.87%	1.56%
New Mexico	0.28%	0.00%	0.00%	0.00%	0.00%
New York	6.50%	6.53%	80.93%	10.20%	0.75%
North Carolina	0.33%	0.24%	0.00%	0.51%	0.00%
North Dakota	0.16%	0.00%	0.00%	0.12%	0.00%
Ohio	3.74%	7.34%	0.02%	1.36%	0.07%
Oklahoma	1.03%	0.75%	0.00%	0.32%	0.00%
Oregon	0.17%	0.14%	0.00%	0.67%	0.00%
Pennsylvania	5.27%	4.29%	0.08%	8.00%	0.18%
Puerto Rico	3.51%	9.32%	2.50%	1.33%	1.65%
Rhode Island	0.02%	0.00%	0.00%	0.17%	0.00%
South Carolina	2.24%	0.00%	0.26%	1.53%	0.43%
South Dakota	0.25%	0.00%	0.00%	0.13%	0.00%
Tennessee	2.43%	2.28%	0.54%	1.72%	0.00%
Texas	6.75%	0.00%	0.68%	4.06%	0.59%
Utah	0.15%	0.36%	0.00%	0.63%	0.00%
Vermont	0.10%	1.80%	0.00%	0.07%	0.00%
Virginia	2.75%	5.20%	0.00%	0.98%	0.00%
Virgin Islands	0.00%	0.00%	0.00%	0.00%	0.00%
Washington	1.53%	3.89%	0.56%	3.30%	0.07%
West Virginia	0.52%	0.00%	0.00%	0.50%	0.00%
Wisconsin	5.20%	5.85%	0.35%	2.44%	0.43%
Wyoming	0.00%	0.00%	0.00%	0.00%	0.00%
Total Percentage	100.00%	100.00%	100.00%	100.00%	100.00%
AMT Percentage	16.27%	0.00%	14.57%	17.21%	16.24%

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AB TAX BULLETIN 2023

INCOME PERCENTAGES BY STATE Municipal Bond Funds

The information below summarizes the percentage of exempt interest income received by various AB Municipal Bond Funds on a state-by-state basis. These percentages may be useful in completing your state tax return. In addition, the percentage of income that represents a tax preference item (relating to tax-exempt interest income from private activity bonds) for alternative minimum tax purposes is noted below for each Portfolio or Fund on the line designated "AMT Percentage."

State	ABMIF - National Portfolio	ABMIF - High Income Muni Portfolio	AB Bond Fund - Tax-Aware Fixed Income Opportunities Portfolio	AB Impact Municipal Income Shares	AB Tax-Aware Real Return Income Shares
Alabama	2.34%	3.17%	5.05%	1.20%	0.00%
Alaska	0.08%	0.00%	0.21%	0.00%	6.90%
American Samoa	0.03%	0.06%	0.01%	0.02%	0.00%
Arizona	3.42%	1.76%	1.25%	4.43%	3.84%
Arkansas	0.12%	0.55%	0.44%	0.00%	0.00%
California	13.91%	10.46%	11.73%	14.36%	1.14%
Colorado	1.44%	3.41%	2.94%	0.44%	3.19%
Connecticut	1.14%	0.09%	0.68%	0.95%	11.09%
Delaware	0.03%	0.20%	0.11%	0.00%	0.00%
District of Columbia	1.40%	1.21%	0.56%	5.24%	3.19%
Florida	4.07%	4.93%	6.57%	1.77%	6.87%
Georgia	2.79%	1.41%	3.74%	0.00%	0.00%
Guam	0.34%	0.49%	0.57%	0.00%	0.00%
Hawaii	0.94%	0.00%	0.00%	0.00%	0.00%
Idaho	0.01%	0.22%	0.24%	0.00%	3.81%
Illinois	7.31%	6.57%	7.93%	7.07%	7.57%
Indiana	1.58%	2.24%	2.08%	0.26%	0.00%
Iowa	1.12%	0.81%	2.24%	0.00%	0.00%
Kansas	0.19%	0.30%	0.14%	0.06%	0.00%
Kentucky	0.75%	2.00%	0.97%	0.00%	11.14%
Louisiana	1.44%	0.77%	2.68%	0.39%	3.39%
Maine	0.00%	0.30%	0.03%	0.00%	0.00%
Maryland	1.42%	0.97%	2.04%	4.15%	0.00%
Massachusetts	1.84%	0.82%	0.90%	3.87%	0.00%
Michigan	2.18%	1.37%	2.01%	9.09%	2.09%
Minnesota	0.70%	0.53%	0.75%	0.82%	0.00%
Mississippi	0.18%	0.68%	0.56%	0.00%	0.00%
Missouri	1.14%	1.04%	0.15%	0.03%	0.00%
Montana	0.00%	0.00%	0.00%	0.00%	0.00%
Nebraska	0.26%	0.54%	0.05%	0.00%	0.00%
Nevada	1.01%	0.36%	0.45%	0.00%	0.00%
New Hampshire	1.19%	1.74%	0.87%	0.00%	0.00%
New Jersey	4.35%	3.55%	2.75%	5.60%	6.05%
New Mexico	0.00%	0.11%	0.46%	0.00%	0.00%
New York	10.16%	3.96%	6.21%	15.60%	5.08%
North Carolina	0.48%	0.17%	0.77%	1.31%	1.79%
North Dakota	0.00%	0.06%	0.30%	0.00%	0.00%
Ohio	2.92%	3.09%	3.09%	3.13%	3.63%
Oklahoma	0.57%	1.28%	1.07%	2.64%	0.00%
Oregon	0.35%	0.31%	0.46%	0.15%	0.74%
Pennsylvania	5.17%	4.50%	4.66%	7.44%	3.22%
Puerto Rico	1.72%	10.16%	3.29%	0.00%	0.00%
Rhode Island	0.00%	0.14%	0.22%	2.25%	0.00%
South Carolina	2.83%	1.89%	1.09%	0.00%	0.00%
South Dakota	0.01%	0.12%	0.01%	0.00%	0.00%
Tennessee	1.82%	1.76%	1.44%	0.00%	3.37%
Texas	6.66%	6.93%	5.35%	0.33%	4.78%
Utah	0.35%	0.29%	0.55%	0.69%	0.00%
Vermont	0.06%	0.03%	0.14%	0.00%	0.00%
Virginia	1.20%	3.47%	3.16%	0.00%	3.16%
Virgin Islands	0.00%	0.00%	0.00%	0.00%	0.00%
Washington	2.14%	1.76%	2.29%	0.82%	0.00%
West Virginia	0.38%	0.62%	0.53%	1.10%	2.99%
Wisconsin	4.46%	6.80%	4.21%	4.79%	0.97%
Wyoming	0.00%	0.00%	0.00%	0.00%	0.00%
Total Percentage	100.00%	100.00%	100.00%	100.00%	100.00%
AMT Percentage	21.54%	13.53%	15.62%	5.48%	34.29%

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