

# Eaton Vance Pennsylvania Municipal Income Trust

EVP

## Morningstar Peer Group Classification

Morningstar US State Muni PA Lev nlns P

## Investment Objective

The Fund seeks current income exempt from Federal and PA income taxes through investment in investment grade PA municipal securities

## Valuation

	18 Jan 2019	12m High & Low
Price	\$11.46	\$12.31 / \$10.78
NAV	\$13.07	\$13.55 / \$12.76
Discount	-12.36%	-8.38% / -16.41%
Peer Group Discount	-13.37%	
Z-Statistic <sup>1</sup>	0.45	

Inception Date	29 Jan 1999
Exchange	NY Stock Exchange MKT LLC
NAV Ticker	XEVPX
Total Assets	\$55.449m
Net Assets	\$38.530m
Market Capitalization	\$29.805m
Common Shares Outstanding	2,601,014
Preferred Shares Amount	\$16.919m
Total Leverage Ratio <sup>2</sup>	31%
1940 Act Leverage Ratio <sup>3</sup>	31%
Non-1940 Act Leverage Ratio <sup>4</sup>	0%
Average Daily Shares Traded (1yr)	0.005m
Average Daily Value Traded (1yr)	\$0.054m
Total Expense Ratio <sup>5</sup> (2017)	1.67%
Income-only Rate (Price) <sup>6</sup>	7.14%
Inc & Cap Gains Rate (Price) <sup>7</sup>	7.14%
Total Distribution Rate (Price) <sup>8</sup>	7.14%
Tax-Equivalent Rate (Price) <sup>9</sup>	10.99%
Latest Distribution Cover <sup>10</sup>	N/A
Latest UNII per share <sup>11</sup>	\$0.0353

## Distribution Policy

The fund pays Monthly distributions under a level distribution policy

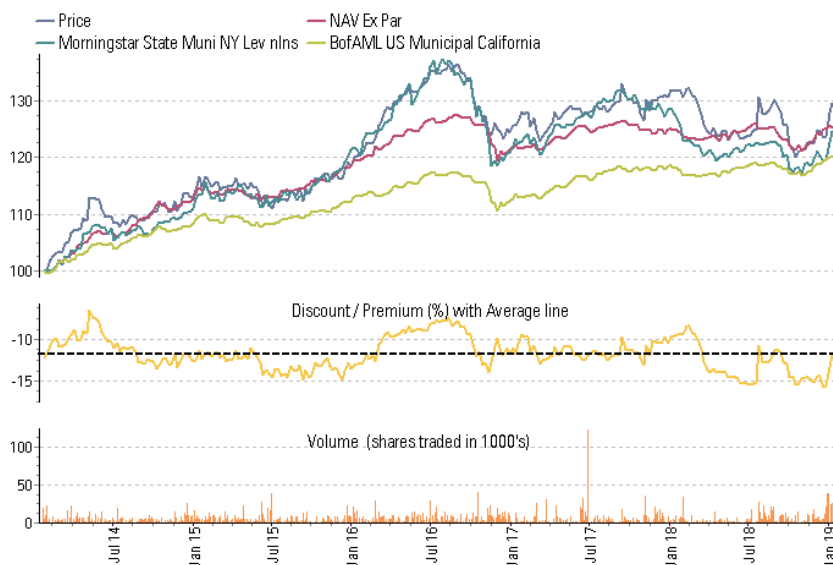
## Latest Distribution History<sup>12</sup>

Ex-Date	Income	S/T Cap	L/T Cap	Tot Cap	Rtn Cap	Total
11 Jan 2019	0.0682					0.0682
12 Dec 2018	0.0421					0.0421
08 Nov 2018	0.0421					0.0421
10 Oct 2018	0.0421					0.0421
13 Sep 2018	0.0421					0.0421
10 Aug 2018	0.0421					0.0421
11 Jul 2018	0.0421					0.0421
08 Jun 2018	0.0421					0.0421
10 May 2018	0.0421					0.0421
11 Apr 2018	0.0421					0.0421
09 Mar 2018	0.0421					0.0421
09 Feb 2018	0.0421					0.0421

## Asset Class (% Total Assets) as at 30 Sep 2018

Bonds - Municipal	100.0%
% Subject to AMT (30 Sep 2018) <sup>14</sup>	5.30%
% Insured (31 Dec 2016) <sup>15</sup>	29.12%

## Total Return Performance over 5 years (or since inception)

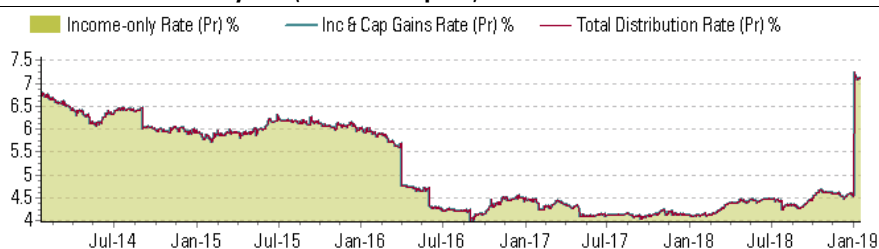


## Performance (Total Return%<sup>13</sup>)

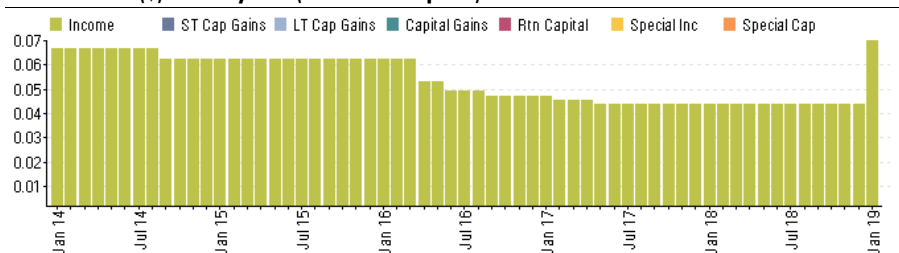
	(Annualized)							
	1 W	1 Mo	3 Mo	6 Mo	YTD	1 Yr	3 Yr	5 Yr
Price	-0.44	+3.97	+7.79	+3.35	+3.66	-1.94	+2.39	+5.33
NAV	+0.04	+0.87	+3.35	-0.47	+0.25	+0.46	+1.60	+4.83
Peer Group (Price)	-0.11	+4.05	+4.84	+1.35	+3.53	+0.92	+1.67	+5.20
Peer Group (NAV)	+0.04	+1.22	+3.42	+0.92	+0.50	+1.59	+2.17	+5.37
Benchmark	+0.00	+0.80	+2.47	+0.91	+0.34	+1.59	+1.95	+3.86

Benchmark: Bank of America ML US Municipal California  
Fund distributions reinvested on ex-dividend date<sup>8</sup>

## Distribution Rates over 5 years (or since inception)



## Distributions (\$) over 5 years (or since inception)



## Distribution History by Calendar Year<sup>12</sup>

Year	Income	S/T Cap	L/T Cap	Tot Cap	Rtn Cap	Total
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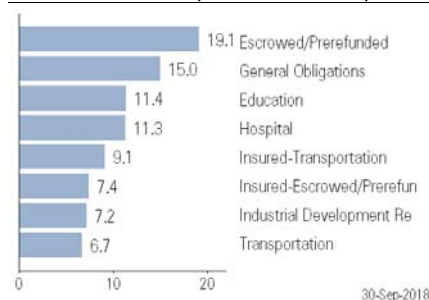
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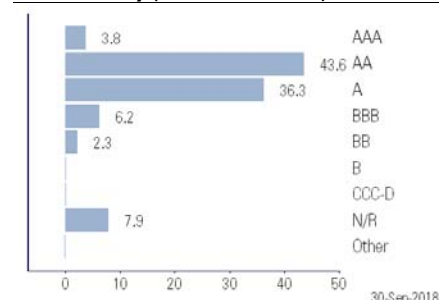
## Largest Holdings (% Portfolio) as at 30 Nov 2018

Puerto Rico ComwltH Hwy & Tran Tra	5.25%	6.0%
Westmoreland Cnty Pa Mun Auth		6.0%
Delaware Valley Pa Regl Fin Au Rev	5.75%	3.8%
CU		3.7%
Pennsylvania Econ Dev Fing Solid	5.375%	3.6%
Allegheny Cnty Pa Higher Ed BI Rev	5.5%	3.4%
Puerto Rico Elec Pwr Auth	5.25%	3.4%
TENDER OPT BD TR RCPTS / CTFS VAR STS 19		3.4%
TENDER OPT BD TR RCPTS / CTFS VAR STS 18		3.3%
Tender Opt Bd Tr Rcpts / Ctfs Ctfs		3.3%
<b>Total</b>		<b>39.7%</b>

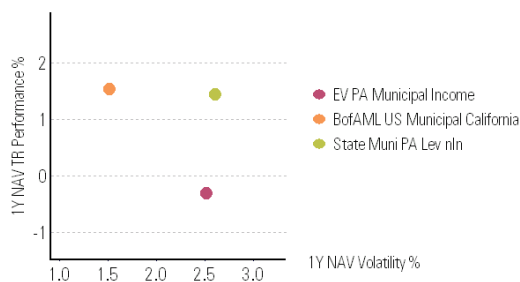
## Sector Breakdown (% of total assets)



## Credit Quality (% of total assets)



## Risk & Return



## Risk & Correlation

	3 Mo	6 Mo	1 Yr	3 Yr	5 Yr
Alpha (NAV) <sup>19</sup>	0.00	-0.01	-0.09	-0.03	0.05
Beta (NAV) <sup>20</sup>	1.60	1.69	1.25	1.03	1.12
R-squared (NAV) <sup>21</sup>	0.80	0.81	0.92	0.85	0.86
Sharpe (NAV) <sup>22</sup>	3.54	-1.35	0.03	0.48	1.33
Price Volatility <sup>23</sup>	7	9	8	8	8
NAV Volatility <sup>23</sup>	20	20	20	705	546
Benchmark Volatility <sup>23</sup>	2	2	2	2	2
Peer Group Price Volatility <sup>23</sup>	6	5	5	6	6
Peer Group NAV Volatility <sup>23</sup>	3	3	3	3	3

Benchmark: Bank of America ML US Municipal California

## Latest Earnings for 6m to 31 May 2018

EPS Pre-Prefs distributions, p/m	\$0.0411
EPS Post-Prefs distributions, p/m	\$0.0395
Last Distribution (Income), p/m	\$0.0682
Last Distribution (Inc & Cap Gns), p/m	\$0.0682
Last Distribution (Inc, Cap Gns & Rtn Cap), p/m	\$0.0682
Earnings Rate <sup>16</sup>	57.88
Distribution Cover <sup>10</sup>	N/A
UNII per Share (31 May 2018)	\$0.0353
Expected Life of UNII (months) <sup>17</sup>	19.4

## Latest Capital Gains for 6m to 31 May 2018

Realized Cap Gains per share p/m	\$0.0048
Unrealized Cap Gains per share p/m	-\$0.0240

## Capital Reserves as at 31 May 2018

Accumulated Unrealized Capital Gains per share	\$0.8331
Accumulated Unrealized Cap Gains/Current NAV <sup>18</sup>	6%

## Management Fees

Advisor fee calculated on average weekly gross assets at annual rate of 0.70%. Administration fee calculated at annual rate of 0.20%

## Fund Manager Details

Fund Manager: Adam Weigold (01 Oct 2007)

## Eaton Vance

Two International Place, Boston, MA, USA, 02110

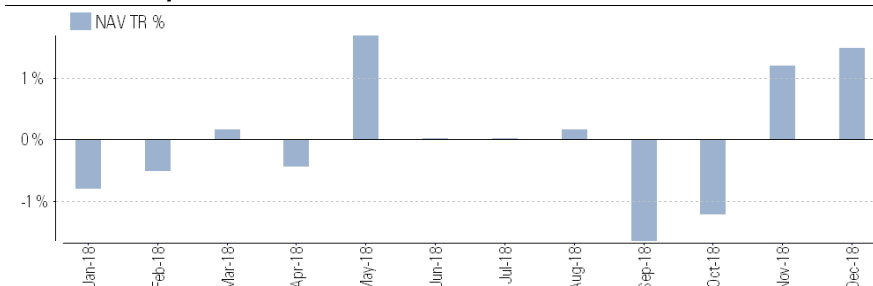
Telephone: +1 (0)800 225 6265

Website: www.eatonvance.com

## Initial Public Offering

2,300,000 Common shares at 15.00 USD on 29 Jan 1999 raising 34.5m gross and 34.4m net of expenses

## Discrete Monthly NAV Total Return %



## Additional Performance (Cumulative, i.e. Non-Annualized) Total Return %<sup>13</sup>

Period	Price	NAV	PG Price	PG NAV	FD B'mark
	#y1pri	#y1nav	#y1pgp	#y1pgn	#y1bm
2018	-1.21	+0.33	+0.80	+1.04	+1.27
2017	+4.98	+2.97	+5.57	+7.54	+5.46
2016	+5.12	+2.41	+1.35	-0.71	+0.11
2015	+5.36	+5.24	+4.13	+5.08	+3.75
2014	+16.87	+16.80	+19.72	+18.12	+11.29
Since Inception (29 Jan 1999)	+144.62	+159.52	+162.76	+176.56	+146.48
Since S&P 500 Low (5 Mar 09)	+110.97	+92.99	+108.76	+96.99	+58.98
Since Sub-Prime Crisis (20 Nov 07)	#primpri	#primnav	#primpgp	#primpgn	#primbm

## Call Profile (%) as at 30 Sep 2018

2018	2019	2020	2021	2022	<5 Yr	>5 Yr	5-10 Yr	>10 Yr	N/C
3.00	10.00	9.00	2.00	1.00					

## Maturity Breakdown (%) as at 30 Sep 2018

0-5	5+	5-10	10+	Avg Weighted	Avg Effective
28.30	71.70	2.61	69.09		14.20

## Duration (years) as at 30 Sep 2018

Weighted Duration		Effective Duration		Modified Duration	
Not Adjusted	Lev Adjusted	Not Adjusted	Lev Adjusted	Not Adj	Lev Adj
		6.47	9.70		

## Notes

- 1** Z-Statistic 1y shows whether the fund's current discount is significantly higher or lower than the average over the past year, calculated as  $(\text{Current Discount} - \text{Mean}) / \text{Std Dev}$
- 2** Total Leverage Ratio is a measure of how leveraged the fund is by the use of all types of leverage instruments. It is calculated by dividing the sum of the fund's leverage (includes Preferred Shares, Loans, Lines of Credit, Notes Payable/Commercial Paper, Tender Option Bonds, Reverse Repurchase Agreements, Securities Lending and Dollar Rolls) by the fund's Total Assets.
- 3** 1940 Act Leverage Ratio is a measure of how leveraged the fund is by the use of instruments classed as leverage under the 1940 Investment Company Act. It is calculated by dividing the sum of the fund's leverage in the form of Preferred Shares, Loans, Lines of Credit, Notes Payable & Commercial Paper, by the fund's Total Assets minus non-1940 Act Leverage.
- 4** Non-1940 Act Leverage Ratio is a measure of how leveraged the fund is by the use of instruments that are not classed as leverage under the 1940 Investment Company Act. It is calculated by dividing the sum of the fund's leverage in the form of Tender Option Bonds, Reverse Repurchase Agreement, Securities Lending & Dollar Rolls, by the fund's Total Assets minus 1940 Act Leverage.
- 5** Total Expense Ratio is calculated by dividing the total expenses for the year, minus the cost of leverage (i.e. debt servicing and Preferred distributions), by the net assets attributable to the common shares.
- 6** Income-only Rate is calculated by annualizing the income component of the latest regular distribution.
- 7** Inc & Cap Gains Rate is calculated by annualizing the income and capital gains components of the latest regular distribution.
- 8** Total Distribution Rate is calculated by annualizing the total latest distribution (income, capital gains and return of capital components). It is important to note that this Rate may include net investment income, capital gains and/or return of capital.  
(All Rates are expressed as a percentage of latest Share Price and exclude "Special" distributions. The finalized composition –i.e. % income, % capital gains, % return of capital - of distributions for previous years is sourced from the official 10-99 reports. The estimated composition of the distributions for the current calendar year is sourced from section 19a-1 notices published by the funds; these estimates are subject to change at the year-end.)
- 9** Tax-Equivalent Rate represents the Rate an investor in the highest federal tax bracket would require on a taxable fund to match the tax-exempt Rate paid by the fund. It is calculated by dividing the Income-only Rate (Price) by  $(1 \text{ minus the federal tax rate of } 35\%)$ .
- 10** Distribution Cover is calculated by dividing the latest net earnings per share per month after distributions to Preferred Shareholders by the latest total distribution paid per month. A Distribution Cover figure consistently less than 100 indicates that the fund's distribution is at least in part funded from capital gains/return of capital.
- 11** Latest UNII per share is the Undistributed Net Investment Income per share
- 12** Some or all of the distributions from income and short-term capital gains may be classed as qualified dividend income and subject to a reduced federal tax rate of 15%.
- 13** Total Return Performance is calculated by reinvesting distributions at the actual closing share price or NAV on the ex-dividend date as opposed to any dividend reinvestment plan ("DRIP") price. DRIP policies vary greatly between Funds whereas the Morningstar calculation is a pure and consistent calculation across all Funds. Therefore the Total Return performance data may vary slightly from the performance data reported by the Fund. All performance returns are calculated up to the close of business on the previous day, with the exception of the calendar year performance figures in the Additional Performance table on page 2
- 14** % Subject to AMT shows the percentage of the fund's portfolio subject to the Alternative Minimum Tax.
- 15** % Insured shows the percentage of the fund's portfolio insured against loss of principal and coupons.
- 16** Latest Earnings Rate is calculated by dividing the latest net earnings per share per month after distributions to Preferred Shareholders by the latest distribution (income component only) paid per month. An Earnings Rate of less than 100 indicates that the fund is under-earning its current distribution from income.
- 17** Expected Life of UNII (months) is calculated when the Earnings Rate is less than 100%, dividing the UNII per share by the monthly shortfall of net investment income to the latest distribution (income component only) paid per month. The statistic is not calculated if UNII is negative.
- 18** Accumulated Unrealized Capital Gains / NAV shows the accumulated capital gains since the fund's inception as a percentage of current NAV; it is effectively a measure of the store of value within a fund that could be paid out as capital gains were the investments on which gains have been made realized.
- 19** Alpha: The difference between the fund's average excess total return and the benchmark's average excess total return.
- 20** Beta: The sensitivity of the fund to broad market movements. A Beta of 0.5 would imply the fund will move by half as much as the index.
- 21** R-squared: A measure of correlation between the fund and index. A value of 0.8 means that 80% of the fund's NAV changes can be explained by changes in the index.
- 22** Sharpe: A risk-adjusted return measure, calculated by dividing the fund's average monthly excess total return over the risk-free rate by the standard deviation of those returns. The figure shown is the annualized Sharpe Ratio.
- 23** Volatility: The annualized standard deviation of the logged daily returns, adjusting for distributions.  
(Risk & Correlation: all statistics calculated on NAV using monthly values, except for volatility that uses daily values.)