

2019 Alternative Minimum Tax Percentages (AMT%)

Putnam fund name	Fund code	AMT percentage (%)
AMT-Free Municipal Fund	0039	0.00%
CA Tax Exempt Income Fund	0015	7.41%
Intermediate-Term Municipal Income Fund	0081	18.16%
MA Tax Exempt Income Fund	0025	10.52%
Managed Municipal Income Trust	5801	10.94%
MN Tax Exempt Income Fund	0027	4.08%
Municipal Opportunities Trust	5814	12.59%
NJ Tax Exempt Income Fund	0029	13.10%
NY Tax Exempt Income Fund	0016	7.43%
OH Tax Exempt Income Fund	0028	2.30%
PA Tax Exempt Income Fund	0024	8.11%
Short-Term Municipal Income Fund	0080	8.22%
Tax Exempt Income Fund	0009	12.59%
Tax-Free High Yield Fund	0040	9.40%