

For Internal Use Only - Not For Client Distribution

Product Category				
PRODUCT CATEGORY	CURRENT VALUE(\$)	PREVIOUS CLOSE(\$)	CHANGE(\$)	% OF PORTFOLIO
SubTotal	\$0.00	\$0.00	\$0.00	
Accrued Interest ¹	0.00			0.00
Totals	\$0.00			0.00

Periodic Accumulated Income Balance: \$0.00. The actual distribution amount is subject to cash available and the date of distribution.

1. The accrued interest is based on prior day valuation. Please note that since this is not a real time calculation, it may be overstated on the Payable Date of a security, since the interest paid will also be reflected as a Change (\$) in "Cash" for that day.For floating rate securities, calculations are based on the current floating coupon rate and may not reflect historic rates within the accrual period.

Revenue Summary	
Trailing 12 Months(\$)	\$0.00
YTM (\$)	\$0.00
Last Month (\$)	\$0.00

Available Funds (Cash Loans)

Available to Invest

Unless otherwise indicated, this information is not intended to be a substitute for the official account statements that you receive from us. This information is approximate and subject to adjustment, updating and correction and is for illustrative and general reference purposes only. We are not responsible for any clerical, computational or other inaccuracies, errors or omissions. We obtain market values and other data from various standard quotation services and other sources, which we believe to be reliable. However, we do not warrant or guarantee the accuracy or completeness of any such information. The values that you actually receive in the market for any investment may be higher or lower than the values reflected herein. To the extent there are any discrepancies between your official account statement and this information, you should rely on the official account statement. This information should not be considered as the sole basis for any investment decision. The Bank Deposit Program (BDP) is a cash sweep feature whereby clients can chose to have their available free credit balances automatically deposited into interest bearing, FDIC-insured deposit accounts at up to three banks ("Program Banks"): (1) Morgan Stanley Bank, N.A. and/or Morgan Stanley Private Bank, National Association (together, the "Morgan Stanley Banks"), or (2) Citibank, N.A. The Program Banks are FDIC members. Morgan Stanley Smith Barney LLC ("Morgan Stanley") is a registered broker-dealer, not a bank. Morgan Stanley and the Morgan Stanley Banks are affiliates. Unless specifically disclosed to you in writing, other investments and services offered to you through Morgan Stanley are not insured by the FDIC, are not deposits of or other obligations of, or guaranteed by, the Program Banks and involve investment risks, including possible loss of principal amount invested.

External Assets- Certain assets listed in this view are based upon information provided by you, your client or other external sources and are not part of accounts that you manage at Morgan Stanley. Assets not held with Morgan Stanley may not be covered by SIPC protection or by additional protection under Morgan Stanley's excess insurance coverage plans. Morgan Stanley may include information about these external assets in this view solely as a service to you, and Morgan Stanley is not responsible for the accuracy of any information provided by external sources, including but not limited to, you, your client or another financial institution. You are responsible for ensuring the accuracy of such information. Generally, any financial institution that holds securities is responsible for year-end reporting (Internal Revenue Service (IRS) Form 1099) and separate periodic statements, which may vary from Morgan Stanley's information due to different tax reporting periods.

Tangible Assets- Please note that Tangible Assets are not visible in Balances.

Morgan Stanley & Co. Custodian Type- Morgan Stanley & Co. LLC ("MS & Co.") is an affiliate of Morgan Stanley Smith Barney LLC ("Morgan Stanley Wealth Management") and both are subsidiaries of Morgan Stanley, the financial holding company. MS & Co. values shown on the 3D platform may differ from the values shown in official MS & Co. statements due to, among other things, different reporting methods, delays, market conditions and interruptions. The information shown is approximate and subject to updating, correction and other changes. Information being reported by Morgan Stanley Wealth Management on assets held by other custodians, which are related to Income, Performance, Tax Lots, Total Cost, Target Asset Allocation, Asset Classification and Gain/Loss may differ from that information provided by the custodian. In performance calculations, the inception date will align with the first date on which Morgan Stanley Wealth Management received account information from the custodian. If there are discrepancies between the official MS & Co. account statement and 3D, rely on the official MS & Co. account statement.

External Accounts- "External" generally refers to accounts, assets, and/or liabilities that your client holds with financial institutions and/or which may be custodied outside of Morgan Stanley (whose subsidiaries include Morgan Stanley Smith Barney LLC and Morgan Stanley & Co.) ("External Accounts"). External Accounts are not under administration or management at Morgan Stanley and are not reflected in your Morgan Stanley account statements. Information related to External Available Cash does not include Morgan Stanley & Co. and External accounts and assets.Wealth Mgmt. Net Cash only applies to Morgan Stanley Wealth Management accounts.

Accounts is provided solely as a service to you and your client. The information reference is based upon information provided by external sources which we believe to be reliable. However, we do not independently verify this information. As such, we do not warrant or guarantee that such information is accurate or timely, and any such information may be incomplete or condensed. Information related to Income, Performance, Tax Lots, Total Cost, Target Asset Allocation, Asset Classification and Gain/Loss may differ from the information provided by your client's custodian. External information presented herein is subject to, and does not supersede, the confirmations and account statements provided by your client's custodian. Values shown in an account statement from your custodian may differ from the values shown here due to, among other things, different reporting methods, delays, market conditions and interruptions. If there are discrepancies between your client's custodian's official account statement and this material, rely on the custodian's official account statement. We are not obligated to notify you or your client if information changes. In performance calculations, the inception date referenced will reflect the first date on which Morgan Stanley received account information from the custodian. If information on an External Account cannot be reported, it will be noted. Assets not custodied with Morgan Stanley are not covered by SIPC protection at Morgan Stanley or by additional protection under Morgan Stanley's excess insurance coverage plans. However, these assets may be subject to SIPC coverage at the entity at which they are custodied.

Manually Added- "Manually Added" generally refers to accounts, assets, and/or liabilities, as applicable, that your client holds with other financial institutions and/or which may be custodied outside of Morgan Stanley (whose subsidiaries include Morgan Stanley Smith Barney LLC and Morgan Stanley & Co.) ("Manually Added External Accounts"). The Manually Added External Accounts referenced are generally not held with Morgan Stanley and are not under administration or management at Morgan Stanley. Information about such Manually Added External Accounts is manually inputted, updated and maintained solely by you and/or your client. Morgan Stanley may include information about these Manually Added External Accounts solely as a service to you and your client. We do not independently verify any information related to Manually Added External Accounts. As such, we do not warrant or guarantee that such information is accurate or timely, and any such information may be incomplete or condensed. Valuations and other information about these assets may be provided by you and/or your client and are generally based upon estimates. The information is used for position, asset allocation, and product allocation reporting purposes but is not, however, reflected in your client's Morgan Stanley account statements. Income values, including Estimated Annual Income and Projected Income, are not calculated for Manually Added External Accounts. The information being reported by Morgan Stanley on Manually Added External Accounts related to Performance, Tax Lots, Total Cost, Target Asset Allocation, Asset Classification and Gain/Loss may differ from the information provided to your client by the custodian of those assets. If there are discrepancies between your client's custodian's official account statement and this material, rely on the custodian's official account statement. The inception date referenced in this view will reflect the date on which information about the Manually Added External Accounts was input by you and/or your client. If information on a Manually Added asset cannot be reported, it will be noted. Assets not custodied with Morgan Stanley are not covered by SIPC protection at Morgan Stanley or by additional protection under Morgan Stanley's excess insurance coverage plans. However, these assets may be subject to SIPC coverage at the entity at which they are custodied.

Timing of Feeds- Account and Position data for Morgan Stanley & Co. and External Accounts is obtained from sources that we believe to be reliable. However, Morgan Stanley Wealth management does not guarantee its accuracy or timeliness as such information may be incomplete, condensed, or based on differing points of time. Please refer to the "Last Update Date" for information regarding when the data was last refreshed. You should not take any action relying upon this information without confirming its accuracy and completeness.

Previous Close- Assets held outside of Morgan Stanley Wealth Management have been included in the "Previous Close Assets" calculation for the purposes of providing an aggregated value of the client's total assets currently in view. The calculation of "Previous Close Assets" may not be priced solely as of the previous day's close, as some assets are not refreshed on a daily basis.

FX Currencies- FX Currencies (i.e., Euro, Swiss Francs, Japanese Yen, etc.) is a product type category representing the foreign currency cash position(s) held in clients' Morgan Stanley FX account(s) or held away at an external institution.

FX Forwards- FX Forwards is a product type category representing positions, held in clients' Morgan Stanley FX account(s), or held away at an external institution. The positions represent a transaction that solely involves the exchange of two different deliverable currencies on a specific future date at a fixed rate agreed upon on the inception of the contract covering the exchange.

FX Spots- FX Spots is a product type category representing positions, held in clients' Morgan Stanley FX account(s), or held away at an external institution. The positions represent a transaction that solely involves the exchange of two different currencies at an agreed rate for settlement on a spot date (up to Trade Date 2 business days).

External securities that are not held in U.S. Dollar (USD) are priced in accordance with Morgan Stanley Smith Barney's market data pricing methodologies and displayed in USD. External non-U.S. Dollar currency holdings are converted using the previous business day's closing FX market rate and will be displayed in USD.

Available Cash does not include Morgan Stanley & Co. and External accounts and assets. Wealth Mgmt. Net Cash only applies to Morgan Stanley Wealth Management accounts.