

Affects Annuity Intelligence Profile Report Only	Annuity Intelligence Current Version	AWS Disclosure Update – shortened star rating disclosure with sales load statement added.
Annuity Intelligence Report – Subaccount page glossary	<p>Morningstar Rating Disclosure Morningstar Rating is calculated for subaccounts with at least a three-year history. Please note that some Morningstar proprietary calculations, including the Morningstar Rating, are calculated based on pre-inception, adjusted historical returns (i.e. “extended performance.”). If the “extended performance” rating is in effect, the 'stars' are represented as unshaded stars.</p> <p>For each variable annuity subaccount whose underlying investment has at least a three-year history, Morningstar calculates a Morningstar Rating based on a Morningstar Risk-Adjusted Return measure that accounts for variation in a subaccount's monthly performance, placing more emphasis on downward variations and rewarding consistent performance. The top 10% of subaccounts in each category receive 5 stars, the next 22.5% receive 4 stars, the next 35% receive 3 stars, the next 22.5% receive 2 stars and the bottom 10% receive 1 star. This investment's independent Morningstar Rating metric is then compared against the variable annuity subaccount universe's actual performance breakpoints to determine its extended performance rating. The Overall Morningstar Rating for a variable annuity subaccount is derived from a weighted average of the actual performance figures associated with its three-, five- and 10-year (if applicable) Morningstar Rating metrics.</p>	<p>The Morningstar Rating™ for funds, or "star rating", is calculated for funds and separate accounts with at least a three-year history. Exchange-traded funds and open-ended mutual funds are considered a single population for comparative purposes. It is calculated based on a Morningstar Risk-Adjusted Return measure that accounts for variation in a managed product's monthly excess performance, placing more emphasis on downward variations and rewarding consistent performance. The Morningstar Rating does not include any adjustment for sales loads. The top 10% of products in each product category receive 5 stars, the next 22.5% receive 4 stars, the next 35% receive 3 stars, the next 22.5% receive 2 stars, and the bottom 10% receive 1 star. The Overall Morningstar Rating for a managed product is derived from a weighted average of the performance figures associated with its three-, five-, and 10-year (if applicable) Morningstar Rating metrics. For more information about the Morningstar Rating for funds, including its methodology, please go to global.morningstar.com/managerdisclosures/.</p>

	Annuity Intelligence Current Version	Annuity Intelligence Disclosure Update
Annuity Intelligence Report – Annuity Profile Report Disclosure	<p>Risk and Return</p> <p>The Morningstar Rating is calculated for subaccounts with at least a three-year history. It is calculated based on the Morningstar Risk-Adjusted Return measure that accounts for variation in a subaccount's monthly performance (including effects of sales charges, loads, and redemption fees), placing more emphasis on downward variations and rewarding consistent performance. The top 10% of subaccounts in each category receive 5 stars, the next 22.5% receive 4 stars, the next 35% receive 3 stars, the next 22.5% receive 2 stars, and the bottom 10% receive 1 star. The Overall Morningstar Rating for a subaccount is derived from a weighted average of the performance figures associated with its three-, five and 10-year (if applicable) Morningstar Rating metrics.</p> <p>Please note that some Morningstar proprietary calculations, including the Morningstar Rating, are calculated based on adjusted historical returns. If the extended performance rating is in effect, the "stars" are represented as unshaded stars. For each variable annuity subaccount whose underlying investment has at least a three-year history, Morningstar calculates a Morningstar Rating based on a Morningstar Risk-Adjusted Return measure that accounts for variation in a subaccount's adjusted monthly performance, placing more emphasis on downward variations and rewarding consistent performance. The top 10% of subaccounts in each category receive 5 stars, the next 22.5% receive 4 stars, the next 35% receive 3 stars, the next 22.5% receive 2 stars and the bottom 10% receive 1 star. This investment's independent Morningstar Rating metric is then compared against the variable annuity subaccount universe's actual performance breakpoints to determine its extended performance rating. The Overall Morningstar Rating for a variable annuity subaccount is derived from a weighted average of the actual performance figures associated with its three-, five- and 10-year (if applicable) Morningstar Rating metrics.</p>	<p>Risk and Return</p> <p>The Morningstar Rating™ for funds, or "star rating", is calculated for subaccounts whose underlying investments have with at least a three-year history. It is calculated based on a Morningstar Risk-Adjusted Return measure that accounts for variation in a managed product's monthly excess performance, placing more emphasis on downward variations and rewarding consistent performance. The Morningstar Rating does not include any adjustment for sales loads. The top 10% of products in each product category receive 5 stars, the next 22.5% receive 4 stars, the next 35% receive 3 stars, the next 22.5% receive 2 stars, and the bottom 10% receive 1 star. The Overall Morningstar Rating for a managed product is derived from a weighted average of the performance figures associated with its three-, five-, and 10-year (if applicable) Morningstar Rating metrics. The weights are: 100% three-year rating for 36-59 months of total returns, 60% five-year rating/40% three-year rating for 60-119 months of total returns, and 50% 10-year rating/30% five-year rating/20% three-year rating for 120 or more months of total returns. While the 10-year overall star rating formula seems to give the most weight to the 10- year period, the most recent three-year period actually has the greatest impact because it is included in all three rating periods.</p> <p>Please note that some Morningstar proprietary calculations, including the Morningstar Rating, are calculated based on adjusted historical returns. If the extended performance rating is in effect, the "stars" are represented as unshaded stars. This investment's independent Morningstar Rating metric is compared against the variable annuity subaccount universe's actual performance breakpoints to determine its extended performance rating. The Overall Morningstar Rating for a variable annuity subaccount is derived from a weighted average of the actual performance figures associated with its three-, five- and 10-year (if applicable) Morningstar Rating metrics.</p>

<p>Morningstar Return rates a subaccount's performance relative to the other subaccounts in its Morningstar Category. It is an assessment of a subaccount's excess return over a risk-free rate (the return of the 90-day Treasury Bill), after adjusting for all applicable loads and sales charges, in comparison to the subaccounts in its Morningstar Category. In each Morningstar Category, the top 10% of subaccounts earn a High Morningstar Return (HIGH), the next 22.5% Above Average (+AVG), the middle 35% Average (AVG), the next 22.5% Below Average (-AVG), and the bottom 10% Low (LOW). Morningstar Return is measured for up to three time periods (three-, five- and 10-years). These separate measures are then weighted and averaged to produce an overall measure for the subaccount. Subaccounts with less than three years of performance history are not rated.</p>	<p>Morningstar Return rates a subaccount's performance relative to the other subaccounts in its Morningstar Category. It is an assessment of a subaccount's excess return over a risk-free rate (the return of the 90-day Treasury Bill) in comparison to the subaccounts in its Morningstar Category. In each Morningstar Category, the top 10% of subaccounts earn a High Morningstar Return (HIGH), the next 22.5% Above Average (+AVG), the middle 35% Average (AVG), the next 22.5% Below Average (-AVG), and the bottom 10% Low (LOW). Morningstar Return is measured for up to three time periods (three-, five and 10-years). These separate measures are then weighted and averaged to produce an overall measure for the subaccount. Subaccounts with less than three years of performance history are not rated.</p>
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