THE GOLDMAN SACHS GROUP, INC. AND SUBSIDIARIES

Non-GAAP Financial Measures

The following is an index of non-GAAP measures disclosed in the firm's Earnings Results Presentation and Form 10-Q and Form 10-K. These non-GAAP measures may not be comparable to similar non-GAAP measures used by other companies.

Non-GAAP Measure	Earnings Results Presentation Reference(s)	Form 10-Q and Form 10-K Reference(s)
Return on average tangible common shareholders' equity (ROTE)	- Results Snapshot	- Results of Operations — Financial Overview
	- Financial Overview	
Average tangible common shareholders' equity	- Footnotes	- Results of Operations — Financial Overview
average monthly tangible common shareh	olders' equity. The reconciliation of average of in the firm's Earnings Results Presentation (arnings applicable to common shareholders by ommon shareholders' equity to average tangible in "Footnotes"), and Form 10-Q and Form 10-K
Tangible book value per common share (TBVPS)	- Capital and Balance Sheet	- Balance Sheet and Funding Sources — Balance Sheet Analysis and Metrics

For the above non-GAAP measures: TBVPS is calculated by dividing ending tangible common shareholders' equity by basic shares. The reconciliation of ending common shareholders' equity to ending tangible common shareholders' equity is available in the firm's Earnings Results Presentation (in "Footnotes") and Form 10-Q and Form 10-K (in "Balance Sheet and Funding Sources – Balance Sheet Analysis and Metrics").

The Earnings Results Presentation and Form 10-Q and Form 10-K are available on the Investor Relations section of our website at www.goldmansachs.com/investor-relations/financials/

