

GOLDMAN SACHS TRUST

Class A, Class C, Institutional, Service, Investor, Class R, R6 and Class P Shares of the

Goldman Sachs Large Cap Equity Fund (the “Fund”)

*Supplement dated February 13, 2026 to the
Prospectus, Summary Prospectus and Statement of Additional Information (“SAI”), each dated December 29, 2025,
as supplemented to date*

The Board of Trustees of Goldman Sachs Trust (the “Board”) recently approved a change to the Fund’s sub-classification under the Investment Company Act of 1940 from “diversified” to “non-diversified” and the elimination of any related fundamental investment restrictions.

These changes are subject to approval by the respective shareholders of the Fund at a meeting that will be held on or about June 12, 2026 (the “Meeting”). Changing the Fund’s status to “non-diversified” would provide Goldman Sachs Asset Management, L.P., the Fund’s investment adviser, with enhanced flexibility to invest a greater portion of the Fund’s assets in individual issuers. Market appreciation among issuers in certain industry segments has expanded their market capitalizations, increasing their weightings in major stock benchmarks. Given the weightings of the largest holdings in the Fund’s benchmark and the appreciation of the Fund’s largest holdings, the portfolio managers of the Fund believe that it is important to have flexibility to continue to invest in these holdings, and that they will be better able to execute the Fund’s investment strategy and other policies with this additional flexibility. If approved by shareholders of the Fund at the Meeting, the Fund, as a non-diversified fund, would be more susceptible to adverse developments affecting any single issuer held in its portfolio to the extent that the Fund accumulates a larger position in that issuer, and would be more susceptible to greater losses because of these developments.

Prior to the Meeting, shareholders of the Fund entitled to vote at the Meeting will receive a proxy statement that will contain additional information about the Fund’s diversification status and fundamental restrictions.

This supplement should be retained with your Prospectus, Summary Prospectus and SAI for future reference.

Summary Prospectus

December 29, 2025

GOLDMAN SACHS LARGE CAP EQUITY FUND

Class A: GSCGX Class C: GSPCX Institutional: GSPIX Service: GSPSX Investor: GSPTX Class R: GSPRX Class R6: GSPUX

Before you invest, you may want to review the Goldman Sachs Large Cap Equity Fund (formerly, Goldman Sachs Large Cap Core Fund) (the “Fund”) Prospectus, which contains more information about the Fund and its risks. You can find the Fund’s Prospectus, reports to shareholders and other information about the Fund online at dfinview.com/GoldmanSachs. You can also get this information at no cost by calling 800-621-2550 for Institutional, Service and Class R6 shareholders, 800-526-7384 for all other shareholders or by sending an e-mail request to gs-funds-document-requests@gs.com. The Fund’s Prospectus and Statement of Additional Information (“SAI”), both dated December 29, 2025, are incorporated by reference into this Summary Prospectus.

INVESTMENT OBJECTIVE

The Goldman Sachs Large Cap Equity Fund (the “Fund”) seeks long-term growth of capital.

FEES AND EXPENSES OF THE FUND

This table describes the fees and expenses that you may pay if you buy, hold and sell shares of the Fund. **You may pay other fees, such as brokerage commissions and other fees to financial intermediaries, which are not reflected in the table and Example below.** You may

qualify for sales charge discounts on purchases of Class A Shares if you invest at least \$50,000 in Goldman Sachs Funds. More information about these and other discounts is available from your financial professional and in “Shareholder Guide—Common Questions Applicable to the Purchase of Class A Shares” beginning on page 50 and in Appendix C—Additional Information About Sales Charge Variations, Waivers and Discounts on page 111 of the Prospectus and “Other Information Regarding Maximum Sales Charge, Purchases, Redemptions, Exchanges and Dividends” beginning on page B-134 of the Fund’s Statement of Additional Information (“SAI”).

Shareholder Fees

(fees paid directly from your investment)

	Class A	Class C	Institutional	Service	Investor	Class R	Class R6
Maximum Sales Charge (Load) Imposed on Purchases (as a percentage of offering price)	5.50%	None	None	None	None	None	None
Maximum Deferred Sales Charge (Load) (as a percentage of the lower of original purchase price or sale proceeds) ¹	None	1.00%	None	None	None	None	None

Annual Fund Operating Expenses

(expenses that you pay each year as a percentage of the value of your investment)

	Class A	Class C	Institutional	Service	Investor	Class R	Class R6
Management Fees	0.69%	0.69%	0.69%	0.69%	0.69%	0.69%	0.69%
Distribution and/or Service (12b-1) Fees	0.25%	0.75%	None	0.25%	None	0.50%	None
Other Expenses	0.20%	0.45%	0.09%	0.34%	0.20%	0.20%	0.08%
Service Fees	None	0.25%	None	None	None	None	None
Shareholder Administration Fees	None	None	None	0.25%	None	None	None
All Other Expenses	0.20%	0.20%	0.09%	0.09%	0.20%	0.20%	0.08%
Total Annual Fund Operating Expenses	1.14%	1.89%	0.78%	1.28%	0.89%	1.39%	0.77%
Fee Waiver and Expense Limitation ²	(0.14)%	(0.14)%	(0.08)%	(0.08)%	(0.14)%	(0.14)%	(0.08)%
Total Annual Fund Operating Expenses After Fee Waiver and Expense Limitation	1.00%	1.75%	0.70%	1.20%	0.75%	1.25%	0.69%

¹ A contingent deferred sales charge (“CDSC”) of 1% is imposed on Class C Shares redeemed within 12 months of purchase.

² The Investment Adviser has agreed to (i) waive a portion of its management fee in order to achieve an effective net management fee rate of 0.66% as an annual percentage of the Fund’s average daily net assets; and (ii) reduce or limit “Other Expenses” (excluding acquired fund fees and expenses, transfer agency fees and expenses, service fees, shareholder administration fees, taxes, interest, brokerage fees, expenses of shareholder meetings, litigation and indemnification, and extraordinary expenses) to 0.004% of the Fund’s average daily net assets. Additionally, Goldman Sachs & Co. LLC (“Goldman Sachs”), the Fund’s transfer agent, has agreed to waive a portion of its transfer agency fee (a component of “Other Expenses”) equal to 0.06% as an annual percentage rate of the average daily net assets attributable to Class A, Class C, Investor and Class R Shares of the Fund. These arrangements will remain in effect through at least December 29, 2026, and prior to such date the Investment Adviser and Goldman Sachs may not terminate the arrangements without the approval of the Board of Trustees.

EXPENSE EXAMPLE

This Example is intended to help you compare the cost of investing in the Fund with the cost of investing in other mutual funds.

The Example assumes that you invest \$10,000 in Class A, Class C, Institutional, Service, Investor, Class R and/or Class R6 Shares of the Fund for the time periods indicated and then redeem all of your Class A, Class C, Institutional, Service, Investor, Class R and/or Class R6 Shares at the end of those periods, unless otherwise stated. The Example also assumes that your investment has a 5% return each year and that the Fund's operating expenses remain the same (except that the Example incorporates any applicable fee waiver and/or expense limitation arrangements for only the first year). Although your actual costs may be higher or lower, based on these assumptions your costs would be:

	1 Year	3 Years	5 Years	10 Years
Class A Shares	\$646	\$879	\$1,130	\$1,848
Class C Shares	\$278	\$580	\$1,008	\$2,200
Institutional Shares	\$72	\$241	\$425	\$959
Service Shares	\$122	\$398	\$695	\$1,538
Investor Shares	\$77	\$270	\$479	\$1,083
Class R Shares	\$127	\$426	\$747	\$1,656
Class R6 Shares	\$70	\$238	\$420	\$947
Class C Shares – Assuming no redemption	\$178	\$580	\$1,008	\$2,200

PORTFOLIO TURNOVER

The Fund pays transaction costs when it buys and sells securities or instruments (*i.e.*, “turns over” its portfolio). A high rate of portfolio turnover may result in increased transaction costs, including brokerage commissions, which must be borne by the Fund and its shareholders, and is also likely to result in higher short-term capital gains for taxable shareholders. These costs are not reflected in the annual fund operating expenses or in the expense example above, but are reflected in the Fund's performance. The Fund's portfolio turnover rate for the fiscal year ended August 31, 2025 was 56% of the average value of its portfolio.

PRINCIPAL STRATEGY

The Fund invests, under normal circumstances, at least 80% of its net assets plus any borrowings for investment purposes (measured at the time of purchase) (“Net Assets”) in equity securities issued by large-cap companies. Large-cap companies are companies with relatively large market capitalizations. As of November 28, 2025, large-cap companies generally have public stock market capitalizations above \$5 billion; however, this capitalization threshold will change over time and with market conditions. The Fund may also invest in securities below the then-existing large-cap company capitalization threshold at the time of investment. Although the Fund invests primarily in publicly traded U.S. securities, it may invest up to 25% of its Total Assets in foreign securities, including securities of issuers in countries with emerging markets or economies (“emerging countries”) and securities quoted in foreign currencies.

The Fund seeks to achieve its investment objective by investing, under normal circumstances, in companies that are considered by the Investment Adviser to be positioned for long-term growth. The Fund will invest in both value and growth companies. The Fund's fundamental equity investment process involves evaluating potential

investments based on specific characteristics believed to indicate a high-quality business with sustainable growth, including strong business franchises, favorable long-term prospects, and excellent management. The Investment Adviser will also consider valuation of companies when determining whether to buy and/or sell securities. The Investment Adviser may integrate environmental, social and governance (“ESG”) factors alongside traditional fundamental factors as part of its fundamental research process. No one factor or consideration is determinative in the stock selection process. The Investment Adviser may decide to sell a position for various reasons, including when a company's fundamental outlook deteriorates because of valuation and price considerations, for risk management purposes, or when a company is deemed to be misallocating capital. In addition, the Investment Adviser may sell a position in order to meet shareholder redemptions.

The Fund may invest up to 10% of its Total Assets in fixed income securities, such as government, corporate and bank debt obligations.

The Investment Adviser measures the Fund's performance against the Russell 1000[®] Index.

PRINCIPAL RISKS OF THE FUND

Loss of money is a risk of investing in the Fund. An investment in the Fund is not a bank deposit and is not insured or guaranteed by the Federal Deposit Insurance Corporation (“FDIC”) or any government agency. The Fund should not be relied upon as a complete investment program. There can be no assurance that the Fund will achieve its investment objective. Investments in the Fund involve substantial risks which prospective investors should consider carefully before investing. The Fund's principal risks are presented below in alphabetical order, and not in the order of importance or potential exposure.

Foreign and Emerging Countries Risk. Foreign securities may be subject to risk of loss because of more or less foreign government regulation; less public information; less stringent investor protections; less stringent accounting, corporate governance, financial reporting and disclosure standards; and less economic, political and social stability in the countries in which the Fund invests. The imposition of sanctions, exchange controls (including repatriation restrictions), confiscations, trade restrictions (including tariffs) and other government restrictions by the United States and other governments, or from problems in share registration, settlement or custody, may also result in losses. The type and severity of sanctions and other similar measures, including counter sanctions and other retaliatory actions, that may be imposed could vary broadly in scope, and their impact is impossible to predict. For example, the imposition of sanctions and other similar measures could, among other things, cause a decline in the value and/or liquidity of securities issued by the sanctioned country or companies located in or economically tied to the sanctioned country and increase market volatility and disruption in the sanctioned country and throughout the world. Sanctions and other similar measures could limit or prevent the Fund from buying and selling securities (in the sanctioned country and other markets), significantly delay or prevent the settlement of securities transactions, and significantly impact the Fund's liquidity and performance. Foreign risk also involves the risk of negative foreign currency exchange rate fluctuations, which may cause the value of securities denominated in such foreign currency (or other instruments through which the Fund has exposure to foreign currencies) to decline in value. Currency exchange rates may fluctuate significantly over short periods of time. These risks are more pronounced in connection with the Fund's investments in securities of issuers located in, or otherwise economically tied to, emerging countries.

Investment Style Risk. Different investment styles (e.g., “growth”, “value” or “quantitative”) tend to shift in and out of favor depending upon market and economic conditions and investor sentiment. The Fund may outperform or underperform other funds that invest in similar asset classes but employ different investment styles.

Large Shareholder Transactions Risk. The Fund may experience adverse effects when certain large shareholders purchase or redeem large amounts of shares of the Fund. Such large shareholder redemptions, which may occur rapidly or unexpectedly, may cause the Fund to sell portfolio securities at times when it would not otherwise do so, which may negatively impact the Fund’s net asset value (“NAV”) and liquidity. Similarly, large Fund share purchases may adversely affect the Fund’s performance to the extent that the Fund is delayed in investing new cash or otherwise maintains a larger cash position than it ordinarily would. These transactions may also accelerate the realization of taxable income to shareholders if such sales of investments resulted in gains, and may also increase transaction costs. In addition, a large redemption could result in the Fund’s current expenses being allocated over a smaller asset base, leading to an increase in the Fund’s expense ratio.

Market Risk. The value of the securities in which the Fund invests may go up or down in response to the prospects of individual companies, particular sectors, governments or countries and/or general economic conditions throughout the world due to increasingly interconnected global economies and financial markets. Events such as war, military conflict, geopolitical disputes, acts of terrorism, social or political unrest, natural disasters, recessions, inflation, rapid interest rate changes, supply chain disruptions, tariffs and other restrictions on trade, sanctions or the spread of infectious illness or other public health threats, or the threat or potential of one or more such events and developments, could also significantly impact the Fund and its investments.

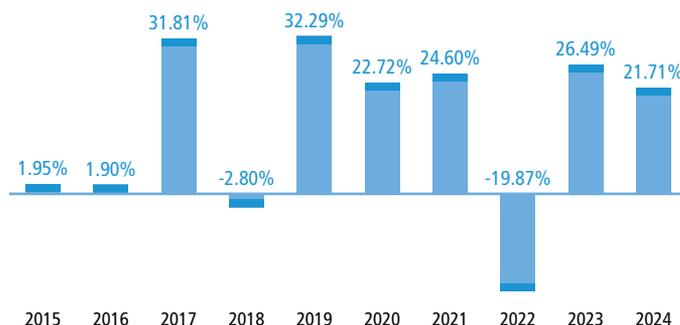
Stock Risk. Stock prices have historically risen and fallen in periodic cycles. U.S. and foreign stock markets have experienced periods of substantial price volatility in the past and may do so again in the future.

PERFORMANCE

The bar chart and table below provide an indication of the risks of investing in the Fund by showing: (a) changes in the performance of the Fund’s Class A Shares from year to year; and (b) how the average annual total returns of the Fund’s Class A, Class C, Institutional, Service, Investor, Class R and Class R6 Shares compare to those of a broad-based securities market index. Through February 11, 2022, certain of the Fund’s principal investment strategies differed. Through April 30, 2025, the Fund had been known as the Goldman Sachs Large Cap Core Fund, and certain of its strategies differed. Performance information set forth below reflects the performance resulting from the Fund’s former strategies prior to that date. The Fund’s past performance, before and after taxes, is not necessarily an indication of how the Fund will perform in the future. Updated performance information is available at no cost at am.gs.com or by calling the appropriate phone number on the back cover of the Prospectus.

The bar chart (including “Best Quarter” and “Worst Quarter” information) does not reflect the sales loads applicable to Class A Shares. If the sales loads were reflected, returns would be less. Performance reflects applicable fee waivers and/or expense limitations in effect during the periods shown.

CALENDAR YEAR (CLASS A)



	Returns	Quarter ended
Year-to-Date Return	14.28%	September 30, 2025
During the periods shown in the chart above:		
Best Quarter Return	21.25%	June 30, 2020
Worst Quarter Return	-19.10%	March 31, 2020

AVERAGE ANNUAL TOTAL RETURN

For the period ended December 31, 2024	1 Year	5 Years	10 Years	Inception Date
Class A Shares				4/20/1990
Returns Before Taxes	15.02%	12.27%	12.12%	
Returns After Taxes on Distributions	11.61%	10.34%	9.71%	
Returns After Taxes on Distributions and Sale of Fund Shares	10.82%	9.40%	9.19%	
Class C Shares				8/15/1997
Returns Before Taxes	19.55%	12.69%	11.92%*	
Institutional Shares				8/15/1997
Returns Before Taxes	22.05%	13.93%	13.17%	
Service Shares				8/15/1997
Returns Before Taxes	21.46%	13.37%	12.61%	
Investor Shares				11/30/2007
Returns Before Taxes	22.00%	13.83%	13.04%	
Class R Shares				11/30/2007
Returns	21.38%	13.26%	12.47%	
Class R6 Shares				7/31/2015
Returns Before Taxes	22.08%	13.95%	13.18%**	
Russell 1000® Index	24.44%	14.26%	12.86%	

Benchmark returns do not reflect any deductions for fees or expenses.

* Class C Shares automatically convert into Class A Shares eight years after the purchase date. The 10-Year performance for Class C Shares does not reflect the conversion to Class A Shares after the first eight years of performance.

** Class R6 Shares commenced operations on July 31, 2015. Prior to that date, the performance of Class R6 Shares shown in the table above is that of Institutional Shares. Performance has not been adjusted to reflect the lower expenses of Class R6 Shares. Class R6 Shares would have had higher returns because: (i) Institutional Shares and Class R6 Shares represent interests in the same portfolio of securities; and (ii) Class R6 Shares have lower expenses.

The after-tax returns are for Class A Shares only. The after-tax returns for Class C, Institutional, Service, Investor and Class R6 Shares, and returns for Class R Shares (which are offered exclusively to employee benefit plans), will vary. After-tax returns are calculated using the historical highest individual federal marginal income tax rates and do not reflect the impact of state and local taxes. Actual after-tax returns depend on an investor's tax situation and may differ from those shown. In addition, the after-tax returns shown are not relevant to investors who hold Fund Shares through tax-deferred arrangements such as 401(k) plans or individual retirement accounts.

PORTFOLIO MANAGEMENT

Goldman Sachs Asset Management, L.P. is the investment adviser for the Fund (the "Investment Adviser" or "GSAM").

Portfolio Managers: Kevin Martens, Managing Director, has managed the Fund since 2024; and Jenny Chang, Managing Director, has managed the Fund since 2024.

BUYING AND SELLING FUND SHARES

The minimum initial investment for Class A and Class C Shares is, generally, \$1,000. The minimum initial investment for Institutional Shares is, generally, \$1,000,000 for individual or institutional investors or certain wrap account sponsors, alone or in combination with other assets under the management of the Investment Adviser and its affiliates. There is no minimum for initial purchases of Investor, Class R and Class R6 Shares, except for certain institutional investors who purchase Class R6 Shares directly with the Fund's transfer agent for which the minimum initial investment is \$5,000,000. Those share classes with a minimum initial investment requirement do not impose it on certain employee benefit plans, and Institutional Shares do not impose it on certain investment advisers investing on behalf of other accounts.

The minimum subsequent investment for Class A and Class C shareholders is \$50, except for certain employee benefit plans, for which there is no minimum. There is no minimum subsequent investment for Institutional, Investor, Class R or Class R6 shareholders.

The Fund does not impose minimum purchase requirements for initial or subsequent investments in Service Shares, although an Intermediary (as defined below) may impose such minimums and/or establish other requirements such as a minimum account balance.

You may purchase and redeem (sell) shares of the Fund on any business day through certain intermediaries that have a relationship with Goldman Sachs & Co. LLC ("Goldman Sachs"), including banks, trust companies, brokers, registered investment advisers and other financial institutions ("Intermediaries").

TAX INFORMATION

The Fund's distributions are taxable, and will be taxed as ordinary income or capital gains, unless you are investing through a tax-deferred arrangement, such as a 401(k) plan or an individual retirement account. Investments made through tax-deferred arrangements may become taxable upon withdrawal from such arrangements.

PAYMENTS TO BROKER-DEALERS AND OTHER FINANCIAL INTERMEDIARIES

If you purchase shares of the Fund through an Intermediary, the Fund and/or its related companies may pay the Intermediary for the sale of Fund shares and related services. These payments may create a conflict of interest by influencing the Intermediary and your salesperson to recommend the Fund over another investment. Ask your salesperson or visit your Intermediary's website for more information.