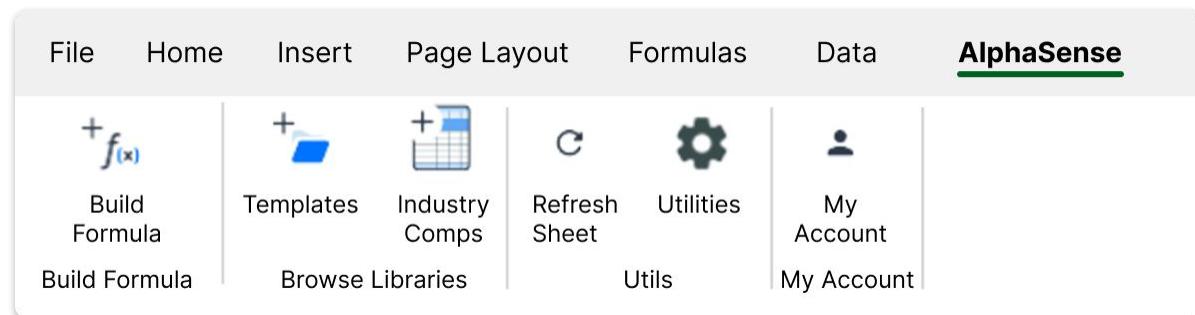




AlphaSense Formulas User Guide

Power your Excel-based analysis with the entire AlphaSense Financial Data set, with analysis templates and pre-built Industry Comps to quickly get you up and running.



What Is AlphaSense Formulas?

AlphaSense Formulas is an Excel Add-In that enables you to leverage AlphaSense's quantitative data in your Excel workflows.

AlphaSense Formulas has three primary functions:

1. Building formulas to leverage AlphaSense data in your Excel workbooks
2. Using analysis templates with AlphaSense formulas already built in
3. Downloading Canalyst Industry Comps directly from Excel

What Makes AlphaSense Formulas Powerful?



All the data you need, automatically updated

Perform quantitative research across standardized metrics like Revenue and EBITDA to industry KPIs like Rule of 40 and Same Store Sales Growth with automatic updates when new data becomes available.



Reduce errors with simplified syntax

Our simplified, intuitive formula syntax and formula builder makes it effortless to find the exact metric or data point you're looking for.



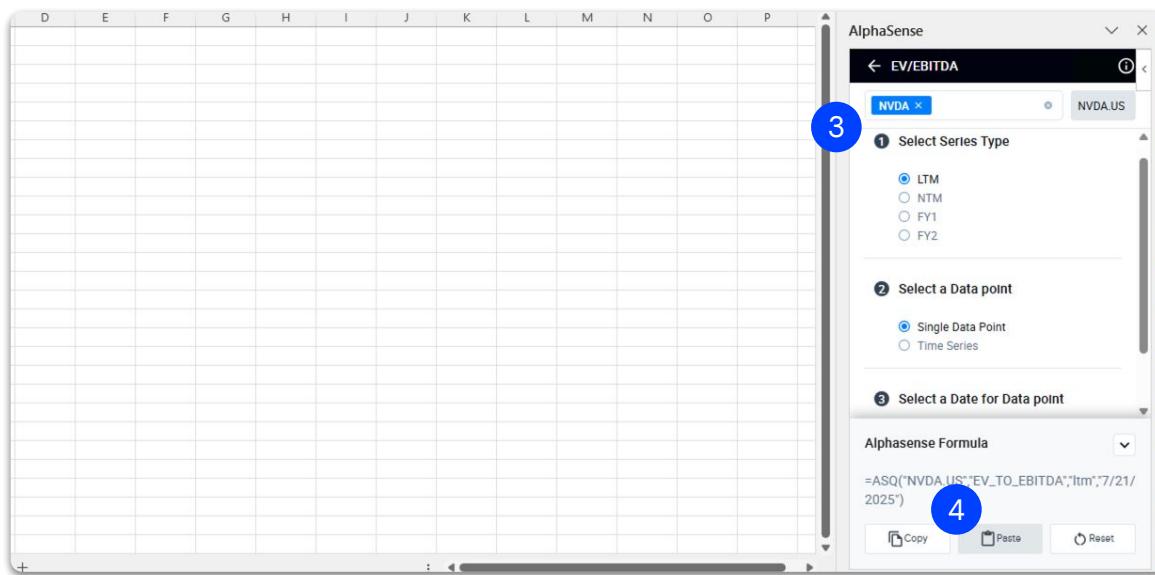
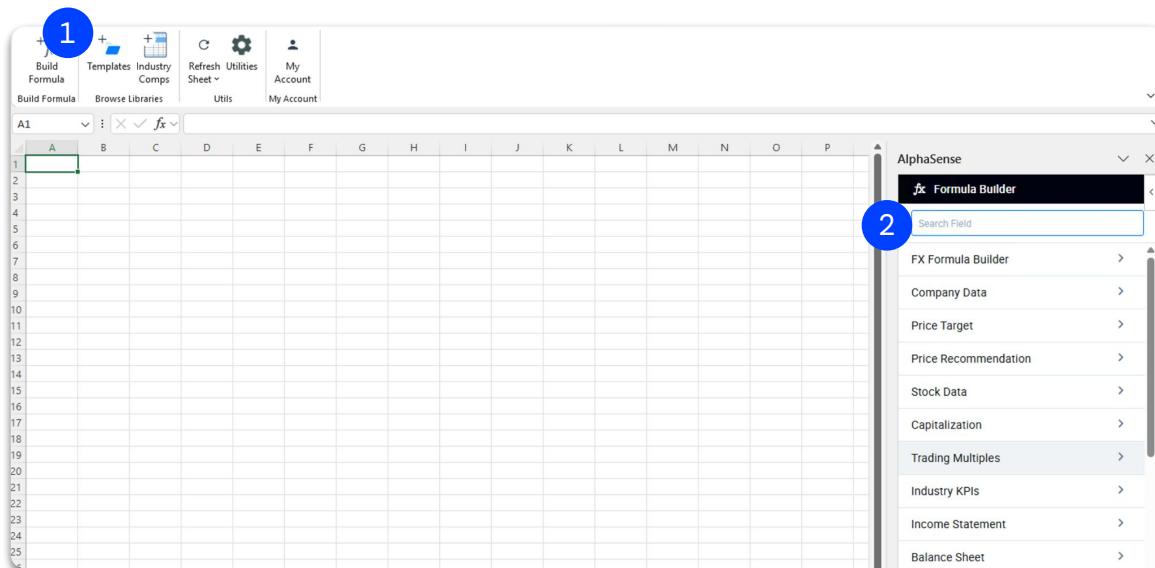
Spend more time on analysis with pre-built templates

Leverage pre-built templates enriched with up-to-date financials to complete your most common everyday analyses.



Build Formulas

1. Select Build Formula from the ribbon
2. Search for a specific metric or KPI, or browse available options
3. Once a metric is selected, choose your desired options
- a. For FX, choose desired FX conversion, spot or historicals, start date and either end date or time frame, and any aggregation
- b. For all other metrics, choose the company, single data point or time series, and the period(s) you want to see the data for
4. Choose Copy to copy your formula for use elsewhere, or choose Paste to paste your formula into the currently selected cell in your workbook





Refresh Formulas

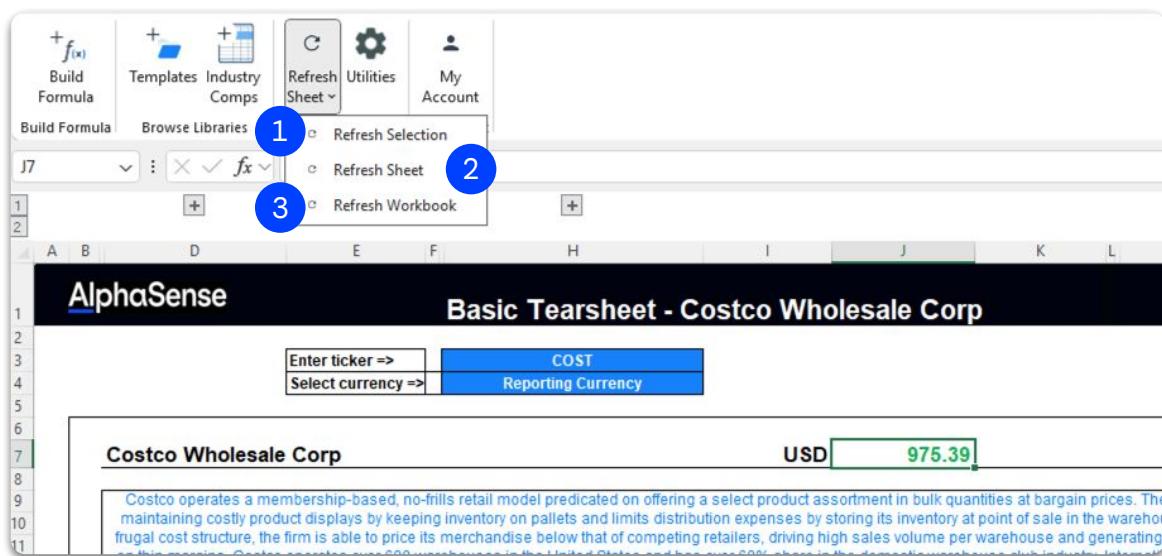
Refresh formulas to make sure that you are referencing the most recent data using the Refresh Sheet option in the ribbon.

There are three options to refresh:

1. Refresh Selection: Refreshes the formula in the currently selected cell
2. Refresh Sheet: Refreshes all formulas in the active worksheet
3. Refresh Workbook: Refreshes all formulas in the active workbook

Data can take some time to update after a company reports.

- Reported and derived fundamentals: 2-4 days from report
- Price and dynamic valuation metrics: 1-2 hours from market close
- Consensus estimates: 1 day from revisions



Data Sources

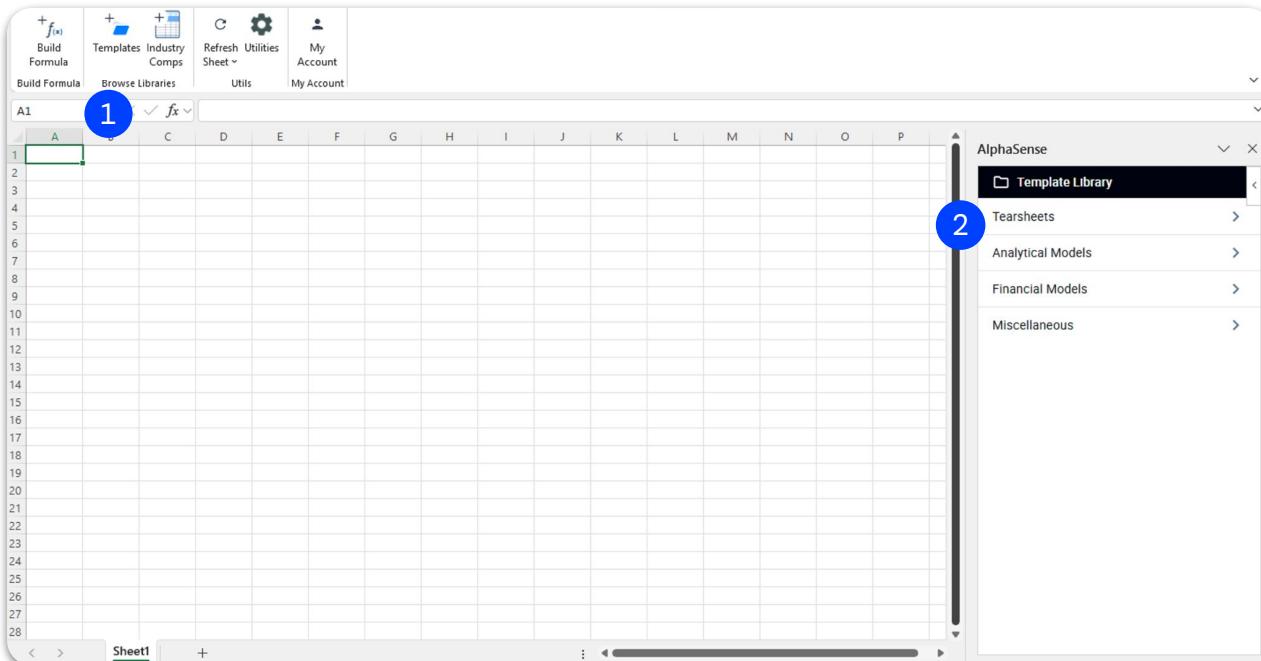
The data available within the AlphaSense Excel Add-In comes from multiple sources:

- Historical Financials: Morningstar and Visible Alpha
- Consensus Estimates: Morningstar and Visible Alpha
- Market Data: Morningstar
- Industry KPIs: Canalyst
- FX Data: Morningstar



Use Templates

1. Select Templates from the ribbon
2. Browse available templates in the template library and select your desired template
3. In the new Excel workbook, fill out any cells highlighted in blue to customize your analysis and automatically update the formulas



AlphaSense

Advanced Tearsheet - Costco Wholesale Corp

Enter Ticker >> COST
Select Currency >> Reporting Currency
Select Period >> Fiscal Year

Costco Wholesale Corp USD 947.56

Country of Incorporation	United States	Div. Yield (LTM)	0.05
Exchange	US Composite	Total Shares Outstanding	443
GICS Sector	Consumer Staples	Market Capitalization	421,725
GICS Sub-sector	Consumer Staples Merchandise Retail	Net Debt	-2,872
Reporting Currency	USD	Enterprise Value	415,055

GENERAL INFORMATION

Last Close Price	947.56	Div. Yield (LTM)	0.05
52 Week High	1,078.24	Total Shares Outstanding	443
52 Week High % Change	+12.12%	Market Capitalization	421,725
52 Week Low	793.00	Net Debt	-2,872
52 Week Low % Change	+9.49%	Enterprise Value	415,055

ESTIMATE REVISION MOMENTUM

	FY0	6mth ago	FY1	3mth ago	Todays	FY2	6mth ago	FY0	6mth ago	FY2
Consensus date	4/22/2025	4/22/2025	8/31/2023	7/22/2025	8/22/2025	4/22/2025	4/22/2025	8/31/2025	4/22/2025	8/22/2025
Revenue	254,463	274,881	274,881	274,881	294,594	294,494	294,594	294,594	294,594	294,594
% diff to today	0.00%	0.00%	0.00%	0.00%	-6.69%	-6.69%	-6.69%	-6.69%	-6.69%	-6.69%
Gross Profit	32,095	35,262	35,262	35,262	38,017	38,017	38,017	38,017	38,017	38,017
% diff to today	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adj. EBIT	9,285	10,358	10,358	10,358	11,430	11,430	11,430	11,430	11,430	11,430
% diff to today	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Adj. EBITDA	11,522	12,736	12,736	12,736	13,738	13,738	13,738	13,738	13,738	13,738
% diff to today	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Earnings Per Share - WAD	16.56	18.15	18.15	18.15	20.09	20.09	20.09	20.09	20.09	20.09
% diff to today	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

CONSOLIDATED INCOME STATEMENT

	FY-3	FY-2	FY-1	FY0	FY1	FY2
Period end date	8/31/2021	8/31/2022	8/31/2023	8/31/2025	8/31/2026	8/31/2026
Revenue	195,929	226,954	242,230	254,453	274,881	294,594
Cost of Goods Sold	179,904	196,952	210,986	222,988	235,262	252,245
Gross Profit	25,245	27,572	29,704	30,095	35,262	38,017
Selling, General and Administrative Expense	18,537	19,779	21,590	22,810	27,772	30,095
EBIT	6,708	7,793	8,114	9,285	10,417	11,538
EBIT Adjustments	00	118	391	00	00	00
Adj. EBIT	6,708	7,911	8,505	9,285	10,358	11,430
Adj. Back: D&A						
EBITDA	8,489	9,693	10,191	11,522	12,827	14,473
EBITDA Adjustments	84	195	391	00	00	00
Adj. EBITDA	8,573	9,888	10,582	11,622	12,736	13,738
Interest Income	41	61	470	533	00	00
Interest Expense	-171	-158	-160	-169	00	00
Interest Income (Expense), Net	-130	-97	310	364	00	00
Other Non-Operating Income (Expense), Net	62	64	65	61	00	00
EBIT	6,630	7,840	8,497	9,740	10,417	11,538
Tax Expense	1,601	1,925	2,195	2,373	00	00
Net Income from Continuous Operations	5,079	5,915	6,292	7,367	00	00
Net Income to NC1	-72	-71	00	00	00	00
Net Income to Common Shareholders	5,007	5,844	6,292	7,367	8,075	8,937
Net Income to Common Shareholder Adjustments	61	21	233	201	00	00

VALUATION RATIOS

	LTM	NTM	FY1	FY2
P/E	53.75x	48.78x	52.20x	47.17x
PSales	57.40x	56.51x	55.44x	54.82x
EV/FCF				
EV/Sales				
EV/Gross Prof				
EV/EBIT				
EV/EBITDA				
EV/FCF				
PDY Yield (MCAP)				

CONSOLIDATED BALANCE SHEET

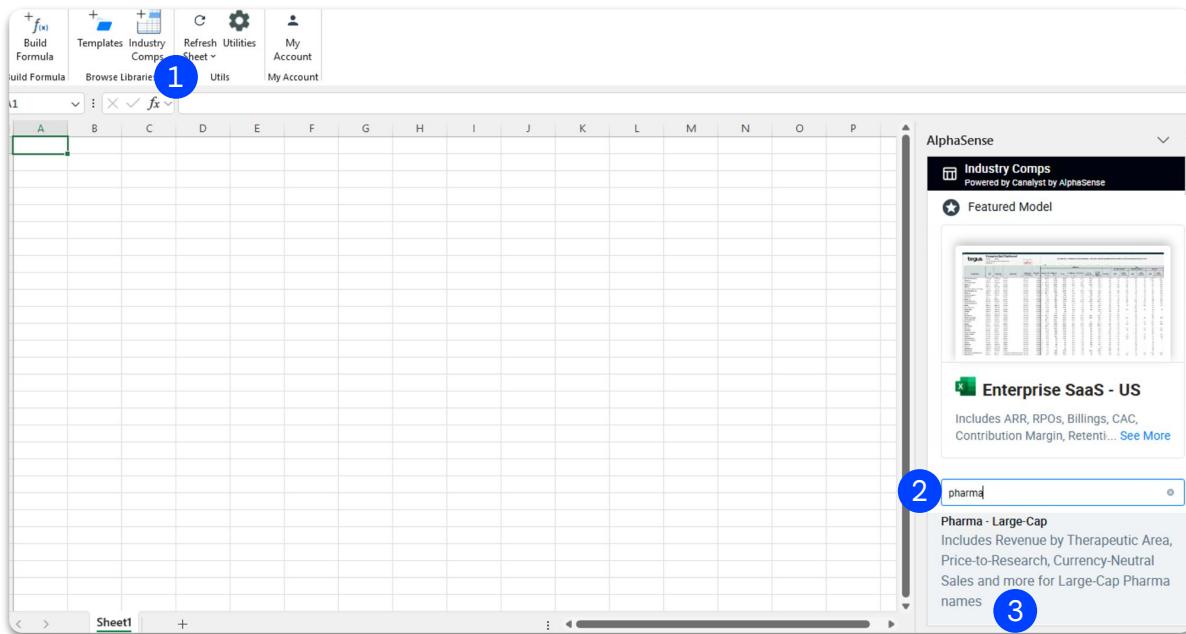
	FY-3	FY-1	FY0	FY1	FY2
Period end date	8/31/2022	8/31/2023	8/31/2024	8/31/2025	8/31/2026
Cash and Cash Equivalents and Short Term Investments	11,049	15,234	11,144	15,504	20,005
Receivables, Net	2,241	2,285	2,721	2,820	2,992
Total Inventory, Net	17,907	16,851	18,647	19,595	20,754
Other Current Assets	1,499	1,709	1,734	1,771	1,771
Total Current Assets	32,696	35,879	34,246	38,916	45,851
PPM, Net	27,420	29,397	31,649	31,828	34,475
Intangible Assets (incl. Goodwill)	4,050	3,718	3,936	3,936	3,936
Other Non-Current Assets					
Total Non-Current Assets	31,470	33,115	35,585	38,224	41,291
Total Assets	64,166	68,994	69,831	75,094	86,898
Accounts Payable and Current Accrued Expenses	24,140	23,911	26,650	26,649	28,294
Current Rent and Capital Lease Obligation	73	1,061	103	103	419
Current Deferred Liabilities	2,144	2,337	2,500	2,500	2,500
Total Current Liabilities	31,998	33,383	35,464	36,412	40,745
Long Term Debt and Capital Lease Obligation	8,966	7,803	8,169	8,266	8,111
Other Non-Current Liabilities	2,555	2,555	2,576	2,576	2,576
Total Non-Current Liabilities	33,519	34,741	36,095	37,233	40,973
Total Liabilities	43,519	43,936	46,209	49,294	51,645
Share and Additional Paid-In Capital	6,896	7,342	7,831	7,581	7,451
Retained Earnings	15,585	19,521	17,619	22,783	29,277
Other Comprehensive Income	-1,829	-1,805	-1,828	-1,828	-1,828
Total Stockholders Equity	26,642	25,658	23,622	29,122	35,684
Minority Interest	05	00	00	05	05

alphasense.ai



Download Canalyst Industry Comps

1. Select Industry Comps from the ribbon
2. Search for your desired industry
3. Click the Industry Comp you're interested in to download the Excel file



AlphaSense Formulas Syntax

AlphaSense Formulas uses a simplified syntax to make it easy to leverage AlphaSense data in your Excel workflows. All formulas use the ASQ function (=ASQ), followed by one or more parameters based on the data you want to view.

Fundamental Data

For fundamental data, the formula will use the following structure:

=ASQ("ticker","metric","period")

- **Ticker** - The AlphaSense ticker format for a given company. This can be found within the Formula Builder by selecting a company once you've chosen your metric.
- **Metric** - The name of the metric you want to pull. This can be found within the Formula Builder by searching for a metric by name or by browsing the available categories.
- **Period** - The period you want to pull the metric for. You can choose between fiscal periods, relative periods, and LTM & NTM. For relative periods, estimates for future periods are formatted as positive numbers (e.g. FY1, FQ4) and actuals for the current or prior periods are formatted as 0 or negative numbers (i.e. FY0, FQ-2).

Example: =ASQ("AAPL.US","REV","FY-1") would return Apple's prior fiscal year revenue.



Canalyst Industry KPI Data

To use industry KPI data sourced from Canalyst Models, the formula will use the following structure: **=ASQ("ticker","KPI","period")**

- **Ticker** - The AlphaSense ticker format for a given company. This can be found within the Formula Builder by selecting a company once you've chosen your Industry KPI.
- **KPI** - The name of the KPI you want to pull. This can be found within the Formula Builder by browsing KPIs within the Industry KPIs category.
- **Period** - The period you want to pull the metric for. You can choose between fiscal periods, relative periods, and LTM & NTM. For relative periods, estimates for future periods are formatted as positive numbers (e.g. FY1, FQ4) and actuals for the current or prior periods are formatted as 0 or negative numbers (i.e. FY0, FQ-2).

Example: `=ASQ("AAPL","MO_KPI_REV_Geo_Americas","FY0")` would return Apple's current fiscal year Americas revenue.

FX Data

You can pull the spot or historical time series of USD exchange rates with the following formula structure: **=ASQ("quote:CUR","rate type","time frame","aggregation")**

- **Quote** - The AlphaSense format for a given currency quote. This can be found within the Formula Builder in the FX Formula Builder section.
- **Rate Type** - While you can choose between spot rates and historicals in the Formula Builder, this part of the formula will always be "spot".
- **Time Frame** - The time frame for the quote. This can be omitted from the formula if you want a spot rate but is necessary for historical quotes. First input a start date formatted as "MM/DD/YYYY". If using an end date, then put the end date after the start date in the same format. If using a time frame, input the number of days, weeks, months, or years in the following format: "tf=5d", where this would show spot rates for the 5 days beginning on your chosen start date.
- **Aggregation** - The aggregation metric for your quotes. This can only be used in conjunction with historical time frames and will not work for single spot rates. The available metrics are mean, median, standard deviation, CAGR, max, min, and total, formatted in quotes. When using the aggregation parameter, the formula will only return the aggregation metric for your chosen quote and time frame.

Example: `=ASQ("EURUSD:CUR","spot", "06/01/2025","06/04/2025")` would return the Euro to USD rates for the four days beginning on 6/1/25 and ending on 6/4/25.