

## Morgan Stanley Liquidity Funds Portfolio Holdings

www.morganstanley.com/liquidity

Fund Name Morgan Stanley Liquidity Funds-Sterling Liquidity  
Fund Type Short-Term LVNAV MMF  
Reporting Currency GBP  
Statement Date 31-Aug-23  
WAM (days) 38  
WAL (days) 57  
Net Assets 6,566,367,108.83

CUSIP	ISIN	Security Description	Moody's	S&P	Fitch	Security Type	Industry Classification	Bank Sponsor	Sponsor Moody's	Sponsor S&P	Sponsor Fitch	Currency	Par Value	Coupon Rate	Coupon Type	%	Country	Days to Maturity (1)	Final Maturity Date (2)
	XS2596528476	BARCLAYS BANK PLC	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					GBP	45,000,000			0.68%	UNITED KINGDOM	6	6-Sep-23
	FR0128039890	BRED BANQUE POPULAIRE	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.76%	FRANCE	5	5-Sep-23
	FR0128155514	BRED BANQUE POPULAIRE	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.75%	FRANCE	70	9-Nov-23
	XS2567381386	HSBC BANK PLC	P-1	A-1+	F1+	COMMERCIAL PAPER	FINANCIAL					GBP	100,000,000			1.53%	UNITED KINGDOM	71	18-Nov-23
	XS2624471038	ING BANK NV	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.75%	NETHERLANDS	76	15-Nov-23
	XS2500691104	KREDITANSTALT FUR WIEDERAUFBAU	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					GBP	50,000,000			0.76%	GERMANY	15	15-Sep-23
	FR0128050236	NATIXIS SA	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.75%	FRANCE	124	2-Jan-24
	FR0128075209	NATIXIS SA	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.74%	FRANCE	130	8-Jan-24
	XS2621324123	NATWEST BANK	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.75%	UNITED KINGDOM	70	9-Nov-23
	XS2637887378	OP CORPORATE BANK PLC	P-1	A-1+	NR	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.75%	FINLAND	130	8-Jan-24
	XS2651845880	OVERSEA-CHINESE BANKING CORP	P-1	A-1+	F1+	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.76%	SINGAPORE	43	13-Oct-23
	XS2665867102	OVERSEA-CHINESE BANKING CORP	P-1	A-1+	F1+	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.75%	SINGAPORE	69	8-Nov-23
	XS2635235016	SKANDINAVISKA ENSKILDA BANKEN AB	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.76%	SWEDEN	4	4-Sep-23
	XS2623831307	SKANDINAVISKA ENSKILDA BANKEN AB	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.75%	SWEDEN	74	13-Nov-23
	XS2606013857	SWEDBANK AB	P-1	A-1+	F1+	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.76%	SWEDEN	27	27-Sep-23
	XS2648586233	TOYOTA FINANCE AUSTRALIA	P-1	A-1+	F1	COMMERCIAL PAPER	INDUSTRIAL					GBP	50,000,000			0.74%	AUSTRALIA	130	8-Jan-24
	XS2660416327	TOYOTA MOTOR FINANCE (NETHERLANDS)	P-1	A-1+	F1	COMMERCIAL PAPER	AUTOMOBILE					GBP	20,000,000			0.30%	JAPAN	63	2-Nov-23
		<b>COMMERCIAL PAPER Total</b>											<b>865,000,000</b>			<b>13.01%</b>			
	XS2669735602	LMA SA	P-1	A-1	F1+	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					GBP	56,000,000			0.85%	FRANCE	15	15-Sep-23
	XS2669737996	LMA SA	P-1	A-1	F1+	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					GBP	30,000,000			0.46%	FRANCE	14	14-Sep-23
		<b>ASSET BACKED COMMERCIAL PAPER Total</b>											<b>86,000,000</b>			<b>1.31%</b>			
	XS2624053208	ABN AMRO BANK	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	34,000,000			0.51%	NETHERLANDS	126	4-Jan-24
	XS2639532238	AUSTRALIA AND NEW ZEALAND BANKING	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.74%	AUSTRALIA	130	8-Jan-24
	XS2621334940	BANCO SANTANDER SA	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.76%	SPAIN	11	11-Sep-23
	XS2623663080	BANCO SANTANDER SA	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.76%	SPAIN	11	11-Sep-23
	XS2639591754	BANCO SANTANDER SA	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.76%	SPAIN	19	19-Sep-23
	GB00BP21Q559	BNP PARIBAS	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.09000	Fixed	0.75%	FRANCE	36	6-Oct-23
	GB00BP22CK29	BNP PARIBAS	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.72000	Fixed	0.76%	FRANCE	88	27-Nov-23
	GB00BP22H130	BNP PARIBAS	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.25000	Fixed	0.75%	FRANCE	8	8-Sep-23
	GB00BP225980	CITIBANK NA	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	6.00000	Fixed	0.76%	UNITED STATES	126	4-Jan-24
	GB00BP223K38	CITIBANK NA	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.51000	Fixed	0.75%	UNITED STATES	63	2-Nov-23
	GB00BP20DV43	COMMONWEALTH BANK OF AUSTRALIA	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	4.47000	Fixed	0.76%	AUSTRALIA	69	8-Nov-23
	GB00BP223V01	COMMONWEALTH BANK OF AUSTRALIA	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	25,000,000	6.60000	Fixed	0.38%	AUSTRALIA	314	10-Jul-24
	BE6345087264	EUROCLEAR BANK SA/NV	NR	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	27,500,000			0.42%	BELGIUM	42	12-Oct-23
	BE6345845083	EUROCLEAR BANK SA/NV	NR	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	65,000,000			0.98%	BELGIUM	70	9-Nov-23
	XS2644247715	GOLDMAN SACHS INTERNATIONAL BANK	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.76%	UNITED STATES	27	27-Sep-23
	XS2648594419	GOLDMAN SACHS INTERNATIONAL BANK	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.76%	UNITED STATES	36	6-Oct-23
	XS2669737053	GOLDMAN SACHS INTERNATIONAL BANK	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.75%	UNITED STATES	16	15-Nov-23
	XS2623831307	HSBC BANK PLC	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.71520	Variable	0.76%	UNITED KINGDOM	1	18-Nov-24
	XS2615569527	ING BANK NV	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	75,000,000			1.13%	NETHERLANDS	51	20-Oct-23
	BE6345597510	KBC BANK NV	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	75,000,000	5.60000	Fixed	1.14%	BELGIUM	60	31-Oct-23
	GB00BP21B802	LLOYDS BANK CORPORATE MARKETS	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	4.90000	Fixed	0.76%	UNITED KINGDOM	29	29-Sep-23
	GB00BP21RH10	LLOYDS BANK CORPORATE MARKETS	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.41000	Fixed	0.76%	UNITED KINGDOM	99	8-Dec-23
	XS2652082319	MIZUHO BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.60000	Fixed	0.76%	JAPAN	43	13-Oct-23
	XS2671679582	MIZUHO BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	75,000,000			1.14%	JAPAN	18	18-Sep-23
	XS2615379588	NATIONAL AUSTRALIA BANK LTD	P-1	A-1+	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.74%	AUSTRALIA	141	19-Jan-24
	XS2647965719	NATIONAL AUSTRALIA BANK LTD	P-1	A-1+	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.76%	AUSTRALIA	32	2-Oct-23
	GB00BP205043	NATWEST BANK	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	4.65000	Fixed	0.75%	UNITED KINGDOM	13	13-Sep-23
	GB00BP228L57	NORDEA BANK AB	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	6.00000	Fixed	0.76%	FINLAND	127	5-Jan-24
	XS2530490650	NORDEA BANK AB	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.56590	Variable	0.76%	FINLAND	1	6-Sep-23
	XS2638429790	NORDEA BANK AB	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	25,000,000			0.36%	FINLAND	291	17-Jan-24
	XS2665592916	NORDEA BANK AB	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.74%	FINLAND	160	7-Feb-24
	XS2667504711	NORDEA BANK AB	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	35,000,000			0.52%	FINLAND	167	14-Feb-24
	XS2573965683	ROYAL BANK OF CANADA	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.62590	Variable	0.76%	CANADA	1	5-Jan-24
	GB00BP20W396	SKANDINAVISKA ENSKILDA BANKEN AB	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	4.72000	Fixed	0.76%	SWEDEN	27	27-Sep-23
	GB00BP21WW14	SKANDINAVISKA ENSKILDA BANKEN AB	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	25,000,000	6.10000	Fixed	0.38%	SWEDEN	293	19-Jan-24
	GB00BP212K38	SOCTETE GENERALE	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	6.00000	Fixed	0.76%	FRANCE	124	3-Jan-24
	GB00BP22DP49	SOCTETE GENERALE	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.62000	Fixed	0.76%	FRANCE	61	31-Oct-23
	BE6344493141	SUMITOMO MITSUI BANKING CORPORATION	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.33000	Fixed	0.76%	JAPAN	4	4-Sep-23
	BE6344504251	SUMITOMO MITSUI BANKING CORPORATION	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.63000	Fixed	0.76%	JAPAN	68	7-Nov-23
	BE6344523442	SUMITOMO MITSUI BANKING CORPORATION	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.75%	JAPAN	70	9-Nov-23
	BE6344554751	SUMITOMO MITSUI BANKING CORPORATION	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.30000	Fixed	0.76%	JAPAN	14	14-Sep-23
	GB00BP22DG57	SUMITOMO MITSUI TRUST BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.61000	Fixed	0.76%	JAPAN	61	31-Oct-23
	GB00BP22GB18	SUMITOMO MITSUI TRUST BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.38000	Fixed	0.76%	JAPAN	4	4-Sep-23
	GB00BP21X178	SVENSKA HANDELSBANKEN AB	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.75%	SWEDEN	127	5-Jan-24
	GB00BP223989	SVENSKA HANDELSBANKEN AB	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.99000	Variable	0.76%	SWEDEN	130	8-Jan-24
	GB00BP20C357	TORONTO DOMINION BANK	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP							

CUSIP	ISIN	Security Description	Moody's	S&P	Fitch	Security Type	Industry Classification	Bank Sponsor	Sponsor Moody's	Sponsor S&P	Sponsor Fitch	Currency	Par Value	Coupon Rate	Coupon Type	%	Country	Days to Maturity (1)	Final Maturity Date (2)
		NATIXIS SA	P-1	A-1	F1	TIME DEPOSIT	FINANCIAL					GBP	240,570,469	5.20000	Fixed	3.66%	FRANCE	1	1-Sep-23
		ROYAL BANK OF CANADA	P-1	A-1+	F1+	TIME DEPOSIT	FINANCIAL					GBP	405,978,141	5.18000	Fixed	6.17%	CANADA	1	1-Sep-23
		SUMITOMO MITSUBI TRUST BANK LTD	P-1	A-1	F1	TIME DEPOSIT	FINANCIAL					GBP	410,994,044	5.20000	Fixed	6.25%	JAPAN	1	1-Sep-23
		<b>TIME DEPOSIT Total</b>											<b>1,912,831,711</b>			<b>29.09%</b>			
		BNP PARIBAS	P-1	A-1	F1+	TRI-PARTY REPO	FINANCIAL					GBP	350,000,000	5.18000	Fixed	5.32%	FRANCE	1	1-Sep-23
		CANADIAN IMPERIAL BANK OF COMM	P-1	A-1	F1+	TRI-PARTY REPO	FINANCIAL					GBP	325,000,000	5.18000	Fixed	4.94%	CANADA	1	1-Sep-23
		NATIONAL AUSTRALIA BANK LTD	P-1	A-1+	F1	TRI-PARTY REPO	FINANCIAL					GBP	150,000,000	5.18000	Fixed	2.28%	AUSTRALIA	1	1-Sep-23
		<b>TRI-PARTY REPO Total</b>											<b>825,000,000</b>			<b>12.54%</b>			
		CASH				CASH	CASH					GBP	33,287,294			0.51%		1	
		<b>Cash</b>											<b>33,287,294</b>			<b>0.51%</b>			

**Low Volatility Net Asset Value MMF (LVNAV)** - a Money Market Fund qualifying and authorised as a LVNAV Money Market Fund in accordance with MMF Regulation which seeks to maintain a stable NAV under the condition that the stable NAV does not deviate from the Net Asset Value per Share by more than 20 basis points. In case of a deviation of more than 20 basis points between the stable NAV and the Net Asset Value per Share, the following redemption or issue of Shares shall be undertaken at a price that is equal to the Net Asset Value per Share.

Ratings followed by an "I" are implied. Ratings are implied when no short-term rating is assigned by the rating agency.

Note: WAM and WAL (days) are based as of the trading date whereas Days to Maturity and Final Maturity Date are based as of the settlement date.

Note 1: Days to Maturity includes up to the first reset date if/where applicable (WAM use).

Note 2: Final Maturity Date represents the final/legal maturity (WAL use).

Note 3: Daily Holdings reports are available upon request from your Relationship Manager.

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