

Morgan Stanley Liquidity Funds Portfolio Holdings

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Fund Name Morgan Stanley Liquidity Funds-Sterling Liquidity
Fund Type Short-Term LVNAV MMF
Reporting Currency GBP
Statement Date 31-Dec-24
WAM (days) 40
WAL (days) 62
Net Assets 6,649,350,527.97

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)
	FR0128916360	AGENCE CENTRALE DES ORGANISMES	P-1	A1+	F1+	COMMERCIAL PAPER	GOVERNMENT					GBP	100,000,000			1.47%	FRANCE	155	5-Jun-25
	XS2053161663	AGENCE CENTRALE DES ORGANISMES	P-1	A1+	F1+	COMMERCIAL PAPER	GOVERNMENT					GBP	50,000,000			0.75%	FRANCE	16	17-Jan-25
	XS2014161877	DBS BANK LTD	P-1	A1+	F1+	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.75%	SINGAPORE	6	7-Jan-25
	XS2914558833	DEKABANK DEUTSCHE GIROCENTRALE	P-1	A1+	NR	COMMERCIAL PAPER	FINANCIAL					GBP	75,000,000			1.11%	GERMANY	92	3-Apr-25
	XS2946197550	DEXIA SA	P-3	A1+	F1	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.73%	FRANCE	170	20-Jun-25
	XS2961939506	DEXIA SA	P-3	A1+	F1	COMMERCIAL PAPER	FINANCIAL					GBP	75,000,000			1.10%	FRANCE	166	16-Jun-25
	XS2899636422	DEXIA SA	P-3	A1+	F1	COMMERCIAL PAPER	FINANCIAL					GBP	100,000,000	4.93276	Variable	1.50%	FRANCE	1	6-Mar-25
	XS283098157	DNB BANK ASA	P-1	A1+	NR	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.74%	NORWAY	142	23-May-25
	XS2898163998	ERSTE ABWICKLUNGSMANSTALT	P-1	A1+	F1+	COMMERCIAL PAPER	GOVERNMENT					GBP	100,000,000			1.50%	GERMANY	8	9-Jan-25
	XS2858635977	ING BANK NV	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.75%	NETHERLANDS	7	8-Jan-25
	FR0128607415	NATIXIS SA	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.74%	FRANCE	37	7-Feb-25
	FR0128716901	NATIXIS SA	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.75%	FRANCE	16	17-Jan-25
	FR0128841204	NATIXIS SA	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.75%	FRANCE	41	11-Feb-25
	XS2947866518	NEDERLANDSE WAIRSCHEPSSBANK NV	P-1	A1+	NR	COMMERCIAL PAPER	GOVERNMENT					GBP	100,000,000			1.48%	NETHERLANDS	140	21-May-25
	XS2942384948	REPUBLIC OF AUSTRIA	P-1	A1+	F1+	COMMERCIAL PAPER	GOVERNMENT					GBP	50,000,000			0.74%	AUSTRIA	133	14-May-25
	XS2809131209	SKANDINAVISKA ENSKILDA BANKEN AB	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					GBP	25,000,000			0.37%	SWEDEN	106	17-Apr-25
	XS2893169909	TOYOTA MOTOR FINANCE (NETHERLANDS)	P-1	A1+	F1	COMMERCIAL PAPER	AUTOMOBILE					GBP	77,000,000			1.15%	JAPAN	49	19-Feb-25
	XS2934467098	TOYOTA MOTOR FINANCE (NETHERLANDS)	P-1	A1+	F1	COMMERCIAL PAPER	AUTOMOBILE					GBP	31,000,000			0.46%	JAPAN	34	4-Feb-25
	XS2808187715	UBS AG	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.75%	SWITZERLAND	19	20-Jan-25
		COMMERCIAL PAPER Total											1,183,000,000			17.59%			
	XS2875108610	COLLATERALIZED COMMERCIAL PAPER CO III	P-1	A-1	NR	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.75%	UNITED STATES	35	5-Feb-25
	XS2019116173	COLLATERALIZED COMMERCIAL PAPER CO III	P-1	A-1	NR	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					GBP	25,000,000			0.37%	UNITED STATES	98	9-Apr-25
	XS2960499304	COLLATERALIZED COMMERCIAL PAPER CO III	P-1	A-1	NR	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.74%	UNITED STATES	162	12-Jun-25
	XS2964545755	COLLATERALIZED COMMERCIAL PAPER CO III	P-1	A-1	NR	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					GBP	75,000,000			1.10%	UNITED STATES	166	16-Jun-25
	XS2960482169	LMA SA	P-1	A-1	F1+	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					GBP	50,000,000			0.75%	FRANCE	8	9-Jan-25
	XS2914669150	MATCHPOINT FINANCE PLC	P-1	A-1	NR	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					GBP	23,000,000			0.35%	FRANCE	7	8-Jan-25
	XS2948503177	MATCHPOINT FINANCE PLC	P-1	A-1	NR	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					GBP	39,000,000			0.58%	FRANCE	82	24-Mar-25
	XS2956717693	SUNDERLAND RECEIVABLES SA	P-1	A-1	F1	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					GBP	55,000,000			0.82%	UNITED KINGDOM	62	4-Mar-25
		ASSET BACKED COMMERCIAL PAPER Total											367,000,000			5.46%			
	XS2914933788	OVERSEA-CHINESE BANKING CORP	P-1	A1+	F1+	COMMERCIAL PAPER - INTEREST BEARING	FINANCIAL					GBP	75,000,000	4.91000	Variable	1.13%	SINGAPORE	1	4-Apr-25
		COMMERCIAL PAPER - INTEREST BEARING Total											75,000,000			1.13%			
	XS2904524738	ABN AMRO BANK	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	75,000,000			1.12%	NETHERLANDS	75	17-Mar-25
	XS2856774629	BANCO SANTANDER SA	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	75,000,000			1.13%	SPAIN	5	6-Mar-25
	XS2867174976	BANCO SANTANDER SA	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	40,000,000			0.60%	SPAIN	19	20-Jan-25
	XS2898164616	BANCO SANTANDER SA	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	75,000,000			1.13%	SPAIN	7	8-Jan-25
	XS2898165266	BANCO SANTANDER SA	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.75%	SPAIN	34	4-Feb-25
	XS2903432321	BANCO SANTANDER SA	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	75,000,000			1.12%	SPAIN	71	13-Mar-25
	XS2799048421	BANK OF MONTREAL	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.06526	Variable	0.75%	CANADA	1	3-Apr-25
	XS2843792593	BANK OF MONTREAL	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.35000	Fixed	0.75%	CANADA	163	13-Jun-25
	GB0080509912	BNP PARIBAS	P-1	A1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	4.96000	Fixed	0.75%	FRANCE	36	6-Feb-25
	GB0080500584	BNP PARIBAS	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	4.84000	Fixed	0.75%	FRANCE	126	7-May-25
	XS2959471363	CITIBANK NA	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	75,000,000			1.10%	UNITED STATES	159	9-Jun-25
	XS2866390979	COMMONWEALTH BANK OF AUSTRALIA	P-1	A1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.10378	Variable	0.75%	AUSTRALIA	1	18-Aug-25
	XS2914557868	CREDIT AGRICOLE CIB	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	75,000,000			1.12%	FRANCE	33	3-Feb-25
	XS2920502676	CREDIT AGRICOLE CIB	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.75%	FRANCE	41	11-Feb-25
	BE6357300112	EURORA CREDIT BANK SA/NV	NR	A1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	145,500,000			2.18%	BELGIUM	23	3-Feb-25
	XS2940390664	GOLDMAN SACHS INTERNATIONAL BANK	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.74%	UNITED STATES	128	9-May-25
	XS2920583494	HSBC BANK PLC	P-1	A1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	5.10027	Variable	0.75%	UNITED KINGDOM	1	10-Oct-25
	XS2878465926	ING BANK NV	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.75%	NETHERLANDS	40	10-Feb-25
	XS2904729386	MACQUARIE BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.74%	AUSTRALIA	75	17-Mar-25
	XS2959486809	MACQUARIE BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	100,000,000			1.48%	AUSTRALIA	128	9-May-25
	XS2905896888	MIZUHO BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	75,000,000	4.84000	Fixed	1.13%	JAPAN	82	24-Mar-25
	XS2015472891	MIZUHO BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	4.94000	Fixed	0.75%	JAPAN	8	9-Jan-25
	XS2957524247	MIZUHO BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	48,000,000			0.72%	JAPAN	63	5-Mar-25
	XS2959508461	MIZUHO BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	4.83000	Fixed	0.75%	JAPAN	68	10-Mar-25
	XS2809867042	NATIONAL AUSTRALIA BANK LTD	P-1	A1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	4.91000	Variable	0.75%	AUSTRALIA	1	18-Feb-25
	XS2939365446	NATWEST BANK	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.74%	UNITED KINGDOM	131	12-May-25
	XS2914674663	NORDEA BANK AB	P-1	A1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	75,000,000			1.13%	FINLAND	92	3-Apr-25
	XS2754076151	ROYAL BANK OF CANADA	P-1	A1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	75,000,000	5.04375	Variable	1.13%	CANADA	1	2-Jan-25
	XS2963932582	SOCIETE GENERALE	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000			0.75%	FRANCE	30	31-Jan-25
	BE6356613099	SUMITOMO MITSUI BANKING CORPORATION	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	4.86000	Fixed	0.75%	JAPAN	64	6-Mar-25
	BE6356617132	SUMITOMO MITSUI BANKING CORPORATION	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	4.86000	Fixed	0.75%	JAPAN	68	10-Mar-25
	BE6356633295	SUMITOMO MITSUI BANKING CORPORATION	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	75,000,000	4.85500	Fixed	1.13%	JAPAN	71	13-Mar-25
	BE6356640365	SUMITOMO MITSUI BANKING CORPORATION	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	75,000,000			1.12%	JAPAN	75	17-Mar-25
	GB0080509159	SUMITOMO MITSUI TRUST BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	4.87000	Fixed	0.75%	JAPAN	48	18-Feb-25
	GB0080501060	SUMITOMO MITSUI TRUST BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	50,000,000	4.88000	Fixed	0.75%	JAPAN	48	18-Feb-25
	GB0085GL7K49	SUMITOMO MITSUI TRUST BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					GBP	75,000,000	4.82000	Fixed	1.13%	JAPAN	70	12-Mar-25

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)
		SUMITOMO MITSUBI TRUST BANK LTD	P-1	A-1	F1	TIME DEPOSIT	FINANCIAL						202,629,252	4.70000	Fixed	3.05%	JAPAN	1	2-Jan-25
						TIME DEPOSIT Total							731,353,757			11.00%			
		CANADIAN IMPERIAL BANK OF COMM	P-1	A-1	F1+	TRI-PARTY REPO	FINANCIAL					GBP	300,000,000	4.73000	Fixed	4.51%	CANADA	1	2-Jan-25
		COMMONWEALTH BANK OF AUSTRALIA	P-1	A-1+	F1+	TRI-PARTY REPO	FINANCIAL					GBP	100,000,000	4.73000	Fixed	1.50%	AUSTRALIA	1	2-Jan-25
		ING BANK NV	P-1	A-1	F1+	TRI-PARTY REPO	FINANCIAL					GBP	200,000,000	4.78000	Fixed	3.01%	NETHERLANDS	1	2-Jan-25
		NATIONAL AUSTRALIA BANK LTD	P-1	A-1+	F1+	TRI-PARTY REPO	FINANCIAL					GBP	200,000,000	4.73000	Fixed	3.01%	AUSTRALIA	1	2-Jan-25
		ROYAL BANK OF CANADA	P-1	A-1+	F1+	TRI-PARTY REPO	FINANCIAL					GBP	200,000,000	4.73000	Fixed	3.01%	CANADA	1	2-Jan-25
		SOCIETE GENERALE	P-1	A-1	F1	TRI-PARTY REPO	FINANCIAL					GBP	100,000,000	4.90000	Fixed	1.50%	FRANCE	1	2-Jan-25
		TORONTO DOMINION BANK	P-1	A-1+	F1+	TRI-PARTY REPO	FINANCIAL					GBP	250,000,000	4.74000	Fixed	3.76%	CANADA	1	2-Jan-25
						TRI-PARTY REPO Total							1,350,000,000			20.30%			
		CASH				CASH	CASH					GBP	33,169,706			0.50%		1	
						Cash							33,169,706			0.50%			

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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