

STRUCTURED FINANCE TRANSACTIONS WHICH FITCH WAS ENGAGED TO RATE - 2020

REGION	ASSET CLASS	TRANSACTION LEGAL NAME	ANNOUNCEMENT DATE
APAC	ABS	Pepper SPARKZ Trust No. 3	08-Dec-20
APAC	ABS	Sansar Trust Nov 2020	04-Dec-20
APAC	ABS	Sansar Trust Feb 2020 II (Nov)	25-Nov-20
APAC	ABS	Silver Arrow Australia 2020-1	18-Nov-20
APAC	ABS	Fuyuan 2020-1 Retail Auto Mortgage Loan Securitization Trust	17-Nov-20
APAC	ABS	Chang Ying 2020-3 Retail Auto Mortgage Loan Securitization Trust	02-Nov-20
APAC	ABS	NFSA Master Trust No.1 - Skyline Warehouse Series	19-Oct-20
APAC	ABS	Flexi ABS Trust 2020-1	02-Oct-20
APAC	ABS	HUI JU TONG 2020-2 Retail Auto Mortgage Loan Securitization Trust	29-Sep-20
APAC	ABS	UDC Endeavour Equipment Finance Trust	31-Aug-20
APAC	ABS	UDC Endeavour Auto Finance Trust	31-Aug-20
APAC	ABS	Frontier Securitisation XXX Limited	20-Aug-20
APAC	ABS	KB Kookmin Card Seventh International Ltd.	13-Aug-20
APAC	ABS	Chang Ying 2020-2 Retail Auto Mortgage Loan Securitization Trust	02-Jul-20
APAC	ABS	Hyundai Capital Auto Funding XIII Limited	29-May-20
APAC	ABS	HUI JU TONG 2020-1 Retail Auto Mortgage Loan Securitization Trust	06-May-20
APAC	ABS	Sansar Trust March 2020	24-Mar-20
APAC	ABS	Sansar Trust Feb 2020 II	09-Mar-20
APAC	ABS	SANSAR TRUST Feb 2020	27-Feb-20
APAC	ABS	Latitude Australia Personal Loans Series 2020-1 Trust (Not Rated)	26-Feb-20
APAC	ABS	Hyundaicard Funding VIII	19-Feb-20
APAC	ABS	Hana Card 2020-1 International Ltd.	30-Jan-20
APAC	ABS	Pepper SPARKZ Trust No.2	19-Jan-20
APAC	ABS	Driver Japan nine	06-Jan-20
APAC	CVB	Kookmin Bank's Euro Mortgage Covered Bonds	30-Jun-20
APAC	RMBS	RESIMAC Premier Series 2020-3	04-Dec-20
APAC	RMBS	SMHL Securitisation Trust 2020-1	30-Nov-20
APAC	RMBS	Jianyuan 2020-12 Residential Mortgage Backed Securitization Trust	19-Nov-20
APAC	RMBS	Liberty Series 2020-3 Trust	25-Oct-20
APAC	RMBS	Firstmac Mortgage Funding Trust No.4 Series 2020-3	20-Oct-20
APAC	RMBS	Avanti RMBS 2020-1 Trust	06-Oct-20
APAC	RMBS	AFG 2020-1NCTrust - Series 2020-1NC	23-Sep-20
APAC	RMBS	RESIMAC Premier Series 2020-1	21-Sep-20
APAC	RMBS	Medallion 2015-2's A1-R Notes	07-Sep-20
APAC	RMBS	RedZed TrustSeries 2020-2	31-Aug-20
APAC	RMBS	Mortgage House RMBS Series 2020-1	31-Aug-20
APAC	RMBS	Lion Series 2020-1 Trust	24-Aug-20
APAC	RMBS	PUMA Series 2015-3's A-R and B1-R Notes	27-Jul-20
APAC	RMBS	RESIMAC Bastille Trust –RESIMAC Series 2020-1NC	20-Jul-20
APAC	RMBS	Firstmac Mortgage Funding Trust No. 4 Series 2-2020	06-Jul-20
APAC	RMBS	AFG 2020-1 Trust - Series 2020-1	06-Jul-20
APAC	RMBS	Liberty Series 2020-2 Trust	15-Jun-20
APAC	RMBS	Triton Bond Trust 2020 Series 2	01-Jun-20
APAC	RMBS	RESIMAC Triomphe Trust –RESIMAC Premier Series 2020-2	26-May-20
APAC	RMBS	Firstmac Mortgage Funding Trust No.4 Series 1-2015's A-2R Notes	12-May-20
APAC	RMBS	Firstmac Mortgage Funding Trust No.4 Series 1-2020	26-Mar-20
APAC	RMBS	Series 2015-1 REDS Trust's A-R Notes	13-Mar-20
APAC	RMBS	Medallion Trust Series 2015-1's A1-R Notes	04-Mar-20
APAC	RMBS	Triton Bond Trust 2020 Series 1	16-Feb-20
APAC	RMBS	PUMA Series 2015-1's A-R and B1-R Notes	27-Jan-20
APAC	RMBS	Series 2020-1 WST Trust	15-Jan-20
APAC	SC	SPIRE 2020-217	16-Nov-20
APAC	SC	Ascent Finance Limited SERIES 2019-1032	04-Nov-20
Canada	ABS	Canadian Credit Card Trust II, 2020-1	22-Jun-20
Canada	ABS	Glacier Credit Card Trust 2020-A	07-May-20
Canada	ABS	BMW Canada Auto Trust 2020-1	30-Jan-20
Canada	ABS	Master Credit Card Trust II, Series 2020-1	15-Jan-20
Canada	ABS	Eagle Credit Card Trust, Series 2020-1	04-Aug-20

EMEA	ABS	Noria Spain 2020 FT	11-Dec-20
EMEA	ABS	Silver Arrow S.A., Compartment Silver Arrow UK 2020-2	20-Nov-20
EMEA	ABS	Asset-Backed European Securitisation Transaction Eighteen (A-BEST 19)	17-Nov-20
EMEA	ABS	Drury Lane Funding 2020-1 plc	11-Nov-20
EMEA	ABS	Asset-Backed European Securitisation Transaction Eighteen (A-BEST 18)	11-Nov-20
EMEA	ABS	FCT Orange Bank Personal Loans	29-Oct-20
EMEA	ABS	Florence SPV Srl 2020	29-Oct-20
EMEA	ABS	VCL Multi-Compartment S.A. - Compartment VCL 31	29-Oct-20
EMEA	ABS	Red & Black Auto Lease Germany 7	28-Oct-20
EMEA	ABS	SC Germany SA Compartment Mobility 2020-1	26-Oct-20
EMEA	ABS	SC Austria Auto Finance 2020-1 DAC	22-Oct-20
EMEA	ABS	First Swiss Mobility 2020-2 AG	21-Oct-20
EMEA	ABS	SC Germany SA Compartment Consumer 2020-1	16-Oct-20
EMEA	ABS	abc SME Lease Germany SA Compartment 7	16-Oct-20
EMEA	ABS	SCF Rahoituspalvelut IX DAC (Kimi 9)	07-Oct-20
EMEA	ABS	Auto ABS Spanish Loans 2020-1 FT	02-Oct-20
EMEA	ABS	Turbo Finance 9 plc (NOT RATED)	30-Sep-20
EMEA	ABS	Newday Partnership Funding 2020-1 plc	29-Sep-20
EMEA	ABS	KIMI 9 - SCF Rahoituspalvelut IX DAC	24-Sep-20
EMEA	ABS	Red & Black Auto Lease Germany 3 (NOT RATED)	23-Sep-20
EMEA	ABS	Noria 2020 FCT (NOT RATED)	18-Sep-20
EMEA	ABS	Swiss car ABS 2020-1 AG	17-Sep-20
EMEA	ABS	Santander Consumer Spain Auto 2020-1 FT (NOT RATED)	16-Sep-20
EMEA	ABS	FCT EmeraldOne	24-Aug-20
EMEA	ABS	Cronus Finance DAC	13-Aug-20
EMEA	ABS	Delamare Cards MTN Issuer plc Series 2020-1	30-Jul-20
EMEA	ABS	Golden Bar (Securitisation) Srl Series 2020-2	30-Jul-20
EMEA	ABS	Victoria Finance No.1 (Tagus STC)	28-Jul-20
EMEA	ABS	Auto ABS Italian Rainbow Loans 2020-1 Srl	23-Jul-20
EMEA	ABS	aZul Master Credit Cards DAC, Series 2020-1	23-Jul-20
EMEA	ABS	Silk Finance No.5 (Tagus STC)	15-Jul-20
EMEA	ABS	Globaldrive Auto Receivables 2020-A BV	29-Jun-20
EMEA	ABS	Sunrise SPV z90 Srl - Sunrise 2020-1	10-Jun-20
EMEA	ABS	Revocar 2020 UG	10-Jun-20
EMEA	ABS	Bumper NL 2020-1 BV	05-Jun-20
EMEA	ABS	Swiss Credit Card Issuance 2020-1 AG	26-May-20
EMEA	ABS	Silver Arrow S.A., Compartment 11	14-May-20
EMEA	ABS	Bavarian Sky S.A., Compartment German Auto Loans 10	07-May-20
EMEA	ABS	Bavarian Sky SA Compartment German Auto Loans 2020-1	28-Apr-20
EMEA	ABS	Driver UK Multi-Compartment SA Comp Private Driver UK 2020-1	27-Apr-20
EMEA	ABS	FCT Ginkgo Personal Loans 2020-1	27-Apr-20
EMEA	ABS	FT Santander Consumo 3	02-Apr-20
EMEA	ABS	Bavarian Sky UK 3 Plc	05-Mar-20
EMEA	ABS	Swiss Auto Lease 2020-1 GmbH	03-Mar-20
EMEA	ABS	Golden Bar (Securitisation) S.r.l. - Series 2020-1	27-Feb-20
EMEA	ABS	VCL Multi-Compartment S.A. - Compartment VCL 30	26-Feb-20
EMEA	ABS	First Swiss Mobility 2020-1 AG	11-Feb-20
EMEA	ABS	Orbita Funding 2020-1 Plc	04-Feb-20
EMEA	CMBS	Pearl Finance 2020 DAC (NOT RATED)	30-Oct-20
EMEA	CMBS	Taurus 2020-2 UK plc	21-Jul-20
EMEA	CMBS	Taurus 2020-1 NL DAC	28-Feb-20
EMEA	CMBS	River Green Finance 2020 DAC	23-Jan-20
EMEA	CVB	Coventry UK BTL CVB	15-Oct-20
EMEA	CVB	Credit Agricole next bank (Suisse) SA	19-Aug-20
EMEA	CVB	Globalcaja's Mortgage Covered Bonds	19-Jun-20
EMEA	RMBS	CASPR Srl Compartment CASPR-1	01-Dec-20
EMEA	RMBS	SOL LION II RMBS, FT	25-Nov-20
EMEA	RMBS	Syon Securities 2020-2 DAC	13-Nov-20
EMEA	RMBS	Paragon Mortgages (No.28) Plc	11-Nov-20
EMEA	RMBS	FT RMBS Prado VII	30-Oct-20
EMEA	RMBS	Tulip Mortgage Funding 2020-1 BV	30-Oct-20
EMEA	RMBS	BPCE Home Loans FCT 2020	30-Sep-20

EMEA	RMBS	Harmony French Home Loans FCT 2020-2	25-Sep-20
EMEA	RMBS	Cartesian Residential Mortgages 5 S.A.	08-Sep-20
EMEA	RMBS	Canterbury Finance No.3 plc	04-Sep-20
EMEA	RMBS	Stratton Mortgage Funding 2020-1 plc	13-Aug-20
EMEA	RMBS	Elvet Mortgages 2020-1 plc	22-Jul-20
EMEA	RMBS	Residential Mortgage Securities 32 plc (RMS 32)	21-Jul-20
EMEA	RMBS	Economic Master Issuer plc Series 2020-1	20-Jul-20
EMEA	RMBS	Twin Bridges 2020-1 plc	20-Jul-20
EMEA	RMBS	Oat Hill No.2 plc	10-Jul-20
EMEA	RMBS	Finsbury Square 2020-2 plc	17-Jun-20
EMEA	RMBS	Brass No. 9 plc	15-Jun-20
EMEA	RMBS	Hypenn RMBS VII BV	11-Jun-20
EMEA	RMBS	Tudor Rose Mortgages 2020-1 plc	08-Jun-20
EMEA	RMBS	SAECURE 19 B.V.	28-May-20
EMEA	RMBS	Paragon Mortgages (No, 27) Plc	30-Apr-20
EMEA	RMBS	RMBS Green Belem No. 1 (Tagus STC)	30-Apr-20
EMEA	RMBS	Canterbury Finance No.2 Plc	27-Mar-20
EMEA	RMBS	Canada Square Funding 2020-1 plc	12-Mar-20
EMEA	RMBS	Harmony French Home Loans FCT 2020-1	11-Mar-20
EMEA	RMBS	Mortimer BTL 2020-1 plc	06-Mar-20
EMEA	RMBS	FCT Credit Agricole Habitat 2020	03-Mar-20
EMEA	RMBS	CMF 2020-1 PLC	19-Feb-20
EMEA	RMBS	Darrowby No. 5 plc	14-Feb-20
EMEA	RMBS	Towd Point Mortgage Funding 2020 - Auburn 14 plc	05-Feb-20
EMEA	RMBS	Syon Securities 2020	03-Feb-20
EMEA	RMBS	Finsbury Square 2020-1 Plc	30-Jan-20
EMEA	RMBS	Silverstone Master Issuer plc Series 2020-1	30-Jan-20
EMEA	RMBS	Lanark Master Issuer plc Series 2020-1	16-Jan-20
EMEA	RMBS	Precise Mortgage Funding 2020-1B plc	15-Jan-20
EMEA	RMBS	Storm 2020-1 B.V	10-Jan-20
EMEA	SC	CIFC European Funding CLO III DAC	11-Dec-20
EMEA	SC	Fontwell II Securities 2020 DAC	10-Dec-20
EMEA	SC	Invesco Euro CLO V DAC	03-Dec-20
EMEA	SC	FCT Bpifrance SME 2020-1	22-Nov-20
EMEA	SC	Bain Capital Euro CLO 2020-1 DAC (NOT RATED)	19-Nov-20
EMEA	SC	Bridgepoint CLO 1 (NOT RATED)	13-Nov-20
EMEA	SC	Sculptor European CLO VII DAC(NOT RATED)	30-Oct-20
EMEA	SC	Voya Euro CLO IV DAC	26-Oct-20
EMEA	SC	Palmer Square European Loan Funding 2020-2 DAC	23-Oct-20
EMEA	SC	Henley CLO III DAC	14-Oct-20
EMEA	SC	Ares European CLO XIV (NOT RATED)	09-Oct-20
EMEA	SC	BlackRock European CLO X DAC (NOT RATED)	17-Sep-20
EMEA	SC	Deer Park CLO DAC	21-Aug-20
EMEA	SC	Palmer Square European Loan Funding 2020-1 DAC	21-Aug-20
EMEA	SC	Contego CLO VIII	31-Jul-20
EMEA	SC	Aqueduct European CLO 5 - 2020 DAC	24-Jul-20
EMEA	SC	Cairn CLO XII DAC	21-Jul-20
EMEA	SC	Montmartre Euro CLO 2020-2 DAC	20-Jul-20
EMEA	SC	Arbour CLO VIII DAC	15-Jul-20
EMEA	SC	Loan Invest NV/SA Compartment SME Loan Invest 2020	10-Jul-20
EMEA	SC	Mackay Shields Euro CLO 2 DAC	26-Jun-20
EMEA	SC	Harvest CLO XXIV DAC	25-Jun-20
EMEA	SC	GoldenTree Loan Management EUR CLO 4 DAC	19-Jun-20
EMEA	SC	OCP Euro CLO 2020-4 DAC	16-Jun-20
EMEA	SC	BBAM European CLO I DAC	15-Jun-20
EMEA	SC	Vendome Funding CLO 2020-1 DAC	05-Jun-20
EMEA	SC	Aurium CLO VI DAC	03-Jun-20
EMEA	SC	Avondale Park CLO DAC	28-May-20
EMEA	SC	Henley CLO II DAC	28-May-20
EMEA	SC	Fair Oaks Loan Funding II DAC	15-May-20
EMEA	SC	Bilbao CLO III DAC	05-May-20
EMEA	SC	Avoca CLO XXIV DAC	29-Apr-20

EMEA	SC	Providus CLO IV DAC	28-Apr-20
EMEA	SC	Madison Park Euro Funding XV DAC	10-Mar-20
EMEA	SC	Vesey Park CLO DAC	09-Mar-20
EMEA	SC	Avoca CLO XXI DAC	25-Feb-20
EMEA	SC	CIFC European Funding CLO II DAC	24-Feb-20
EMEA	SC	Voya Euro CLO III DAC	21-Feb-20
EMEA	SC	Carlyle Euro CLO 2020-1 DAC	20-Feb-20
EMEA	SC	St. Paul's CLO XII DAC	18-Feb-20
EMEA	SC	Invesco Euro CLO IV DAC	07-Feb-20
EMEA	SC	Sound Point Euro CLO III Funding DAC	04-Feb-20
EMEA	SC	Harvest CLO XXIII DAC	27-Jan-20
LATAM	ABS	Ecuador DPR Funding	16-Jul-20
LATAM	ABS	Ecuador Diversified Payment Rights	20-Feb-20
LATAM	Future Flows	BAC San Jose DPR Funding Ltd's 2020	30-Dec-20
LATAM	Future Flows	Ecuador DPR Funding's Series 2020-1 Loan	20-Oct-20
LATAM	Future Flows	Jamaica Diversified Payment Rights	30-Sep-20
LATAM	Future Flows	Industrial DPR Funding's	17-Jun-20
LATAM	SC	CIMA Finance DAC Series 2020-6's	30-Nov-20
LATAM	SC	Ecuador Social Bond S.a.r.l.'s Repack Notes Issuance	30-Jan-20
NA	ABCP	La Fayette Asset Securitization LLC	30-Jun-20
NA	ABCP	Cedar Springs Capital Company, LLC	17-Jun-20
NA	ABS	Volkswagen Auto Lease Trust 2020-A	19-Nov-20
NA	ABS	Citibank Omni Issuance Trust Series 2019 and Omni Ireland Credit Card Securitization 13 DAC	16-Nov-20
NA	ABS	Madison Avenue Secured Funding Trust, Series 2020-1	12-Nov-20
NA	ABS	Santander Drive Auto Receivables Trust 2020-4	12-Nov-20
NA	ABS	Chase Auto Credit Linked Notes, Series 2020-2	12-Nov-20
NA	ABS	ECMC Group Student Loan Trust 2020-3	12-Nov-20
NA	ABS	Navient Private Education Refi Loan Trust 2020-H	28-Oct-20
NA	ABS	Station Place 2020-15	26-Oct-20
NA	ABS	Verizon Owner Trust 2020-C	22-Oct-20
NA	ABS	Santander Retail Auto Lease Trust 2020-B	15-Oct-20
NA	ABS	Hyundai Auto Receivables Trust 2020-C	15-Oct-20
NA	ABS	GMF Floorplan Owner Revolving Trust, Series 2020-2	15-Oct-20
NA	ABS	Station Place 2020-14	15-Oct-20
NA	ABS	Station Place Loan Trust I	09-Oct-20
NA	ABS	CarMax Auto Owner Trust 2020-4	08-Oct-20
NA	ABS	Conn's Receivables Funding 2020-A, LLC	06-Oct-20
NA	ABS	Ford Credit Auto Owner Trust 2020-REV2	01-Oct-20
NA	ABS	Toyota Auto Receivables 2020-D Owner Trust	01-Oct-20
NA	ABS	GM Financial Consumer Automobile Receivables Trust 2020-4	01-Oct-20
NA	ABS	World Omni Automobile Lease Securitization Trust 2020-B	01-Oct-20
NA	ABS	Enterprise Fleet Financing 2020-2, LLC	17-Sep-20
NA	ABS	Honda Auto Receivables 2020-3 Owner Trust	17-Sep-20
NA	ABS	SkyMiles IP Ltd./Delta Air Lines	14-Sep-20
NA	ABS	Ford Credit Floorplan Master Owner Trust A, Series 2020-1 and Series 2020-2	10-Sep-20
NA	ABS	Santander Drive Auto Receivables Trust 2020-3	10-Sep-20
NA	ABS	Mercedes-Benz Auto Lease Trust 2020-B	10-Sep-20
NA	ABS	Volvo Financial Equipment LLC, 2020-1	10-Sep-20
NA	ABS	Station Place 2020-12	10-Sep-20
NA	ABS	Station Place 2020-13	10-Sep-20
NA	ABS	Dell Equipment Finance Trust 2020-2	09-Sep-20
NA	ABS	Wheels SPV 2, LLC, Series 2020-1	08-Sep-20
NA	ABS	MMAF Equipment Finance LLC 2020-B	08-Sep-20
NA	ABS	World Omni Select Auto Trust 2020-A	02-Sep-20
NA	ABS	HIN Timeshare Trust 2020-A	02-Sep-20
NA	ABS	Station Place 2020-11	28-Aug-20
NA	ABS	Navient Private Education Refi Loan Trust 2020-G	26-Aug-20
NA	ABS	ECMC Group Student Loan Trust 2020-2	26-Aug-20
NA	ABS	Station Place 2020-10	21-Aug-20
NA	ABS	Chase Auto Credit Linked Notes, Series 2020-1	20-Aug-20
NA	ABS	Station Place 2020-9	17-Aug-20
NA	ABS	Santander Consumer Auto Receivables Trust 2020-B	13-Aug-20

NA	ABS	GM Financial Consumer Automobile Receivables Trust 2020-3	06-Aug-20
NA	ABS	World Omni Auto Receivables Trust 2020-C	06-Aug-20
NA	ABS	Verizon Owner Trust 2020-B	30-Jul-20
NA	ABS	CCG Receivables Trust 2020-1	30-Jul-20
NA	ABS	Sierra Timeshare 2020-2 Receivables Funding LLC	30-Jul-20
NA	ABS	Kubota Credit Owner Trust 2020-2	16-Jul-20
NA	ABS	Navient Private Education Refi Loan Trust 2020-F	15-Jul-20
NA	ABS	Navistar Financial Dealer Note Master Owner Trust II, Series 2020-1	14-Jul-20
NA	ABS	Chesapeake Funding II LLC, Series 2020-1	10-Jul-20
NA	ABS	Hyundai Auto Receivables Trust 2020-B	09-Jul-20
NA	ABS	CarMax Auto Owner Trust 2020-3	09-Jul-20
NA	ABS	John Deere Owner Trust 2020-B	09-Jul-20
NA	ABS	Santander Drive Auto Receivables Trust 2020-2	08-Jul-20
NA	ABS	AmeriCredit Automobile Receivables Trust 2020-2	08-Jul-20
NA	ABS	MVW 2020-1 LLC	08-Jul-20
NA	ABS	BMW Vehicle Owner Trust 2020-A	06-Jul-20
NA	ABS	AT&T Receivables Funding, LLC June 2020	26-Jun-20
NA	ABS	Station Place 2020-6	25-Jun-20
NA	ABS	Station Place 2020-7	25-Jun-20
NA	ABS	Station Place 2020-8	25-Jun-20
NA	ABS	Navient Private Education Refi Loan Trust 2020-E	15-Jun-20
NA	ABS	Ford Credit Auto Owner Trust 2020-B	11-Jun-20
NA	ABS	Mercedes-Benz Auto Receivables Trust 2020-1	11-Jun-20
NA	ABS	World Omni Auto Receivables Trust 2020-B	10-Jun-20
NA	ABS	Vermont Student Assistance Corporation, Series 2020	04-Jun-20
NA	ABS	MMAF Equipment Finance LLC 2020-A	03-Jun-20
NA	ABS	Hilton Grand Vacations Trust 2020-A	28-May-20
NA	ABS	Station Place 2020-5	27-May-20
NA	ABS	Ridgefield Funding Company, LLC	21-May-20
NA	ABS	Great Bridge Capital Company, LLC	21-May-20
NA	ABS	Crown Point Capital Company, LLC	21-May-20
NA	ABS	Bennington Stark Capital Company, LLC	21-May-20
NA	ABS	Harley-Davidson Motorcycle Trust 2020-B	12-May-20
NA	ABS	Rhode Island Student Loan Authority 2020 Senior Series A and Senior Series B	11-May-20
NA	ABS	Volkswagen Auto Loan Enhanced Trust 2020-1	07-May-20
NA	ABS	ECMC Group Student Loan Trust 2020-1	05-May-20
NA	ABS	Ford Credit Auto Owner Trust 2020-A	04-May-20
NA	ABS	Kubota Credit Owner Trust 2020-1	22-Apr-20
NA	ABS	CarMax Auto Owner Trust 2020-2	20-Apr-20
NA	ABS	Hyundai Auto Receivables Trust 2020-A	16-Apr-20
NA	ABS	Dell Equipment Finance Trust 2020-1	16-Apr-20
NA	ABS	GM Financial Consumer Automobile Receivables Trust 2020-2	13-Apr-20
NA	ABS	Station Place 2020-3	13-Mar-20
NA	ABS	Daimler Trucks Retail Trust 2020-1	05-Mar-20
NA	ABS	Nelnet Student Loan Trust 2020-2	03-Mar-20
NA	ABS	World Omni Auto Receivables Trust 2020-A	02-Mar-20
NA	ABS	John Deere Owner Trust 2020	02-Mar-20
NA	ABS	AmeriCredit Automobile Receivables Trust 2020-1	02-Mar-20
NA	ABS	Station Place 2020-2	26-Feb-20
NA	ABS	Willis Engine Structured Trust V	13-Feb-20
NA	ABS	Honda Auto Receivables 2020-1 Owner Trust	13-Feb-20
NA	ABS	Lunar Aircraft 2020-1 Limited	12-Feb-20
NA	ABS	ARI Fleet Lease Trust 2020-A	12-Feb-20
NA	ABS	Chase Issuance Trust, Class A 2020-1	10-Feb-20
NA	ABS	GM Financial Automobile Leasing Trust 2020-1	06-Feb-20
NA	ABS	Enterprise Fleet Financing 2020-1, LLC	06-Feb-20
NA	ABS	Capital One Prime Auto Receivables Trust 2020-1	05-Feb-20
NA	ABS	Santander Retail Auto Lease Trust 2020-A	05-Feb-20
NA	ABS	Sapphire Aviation Finance II Limited	03-Feb-20
NA	ABS	GreatAmerica Leasing Receivables Funding LLC Series 2020-1	30-Jan-20
NA	ABS	World Omni Automobile Lease Securitization Trust 2020-A	30-Jan-20
NA	ABS	Station Place 2020-1	30-Jan-20

NA	ABS	AASET 2020-1 Trust	29-Jan-20
NA	ABS	Stratosphere Re Ltd., 2020-1	24-Jan-20
NA	ABS	Avis Budget Rental Car Funding LLC, 2020-1	16-Jan-20
NA	ABS	Ford Credit Auto Lease Trust 2020-A	16-Jan-20
NA	ABS	CarMax Auto Owner Trust 2020-1	09-Jan-20
NA	CMBS	Benchmark 2020-B22	15-Dec-20
NA	CMBS	COMM 2020-SBX	15-Dec-20
NA	CMBS	Goldman Sachs Mortgage Securities Trust 2020-GSA2Mortgage Trust	14-Dec-20
NA	CMBS	BFLD 2020-1NYP	14-Dec-20
NA	CMBS	BANK 2020-BNK30 (Commercial Mortgage Pass-Through Certificates) (US CMBS)	08-Dec-20
NA	CMBS	BANK 2020-BNK30	08-Dec-20
NA	CMBS	FREMF 2020-K122 (US CMBS)	07-Dec-20
NA	CMBS	CoreVest American Finance 2020-4 Trust (US CMBS)	04-Dec-20
NA	CMBS	Wells Fargo Commercial Mortgage Trust 2020-C58	30-Nov-20
NA	CMBS	FREMF 2020-K121	30-Nov-20
NA	CMBS	Benchmark 2020-B21 Mortgage Trust	17-Nov-20
NA	CMBS	BANK 2020-BNK29	17-Nov-20
NA	CMBS	FREMF 2020-K120	16-Nov-20
NA	CMBS	Grace Trust 2020-GRCE	04-Nov-20
NA	CMBS	FREMF 2020-K119	29-Oct-20
NA	CMBS	DNZN Commercial Mortgage Trust 2020-DNZN	28-Oct-20
NA	CMBS	BAMLL Commercial Mortgage Securities Trust 2020-jgdn	28-Oct-20
NA	CMBS	BFLD Trust 2020-OBK Commercial Mortgage Pass-Through Certificates	26-Oct-20
NA	CMBS	FREMF 2020-K739	26-Oct-20
NA	CMBS	BX Commercial Mortgage Trust 2020-FOX	22-Oct-20
NA	CMBS	FREMF 2020-K118	19-Oct-20
NA	CMBS	Benchmark 2020-B20 Mortgage Trust	13-Oct-20
NA	CMBS	BBCMS Mortgage Trust 2020-C8	06-Oct-20
NA	CMBS	FREMF 2020-K117	29-Sep-20
NA	CMBS	BANK 2020-BNK28	16-Sep-20
NA	CMBS	Benchmark 2020-B19 Mortgage Trust	16-Sep-20
NA	CMBS	Key Commercial Mortgage Trust 2020-S3	15-Sep-20
NA	CMBS	BX Commercial Mortgage Trust 2020-VKNG	15-Sep-20
NA	CMBS	CoreVest American Finance 2020-3 Trust	14-Sep-20
NA	CMBS	InSite Issuer LLC and InSite Co-Issuer Corp.Series 2020-1, 2018-1 and 2016-1	08-Sep-20
NA	CMBS	FREMF 2020-K115	08-Sep-20
NA	CMBS	DBJPM 2020-C9	17-Aug-20
NA	CMBS	WFCM 2020-C57	12-Aug-20
NA	CMBS	FREMF 2020-K114	10-Aug-20
NA	CMBS	FREMF 2020-K113	27-Jul-20
NA	CMBS	Morgan Stanley Capital I Trust 2020-HR8	20-Jul-20
NA	CMBS	FREMF 2020-K112	20-Jul-20
NA	CMBS	Benchmark 2020-B18	20-Jul-20
NA	CMBS	Citigroup Commercial Mortgage Trust 2020-WSS	06-Jul-20
NA	CMBS	FREMF 2020-K111	06-Jul-20
NA	CMBS	SBA 2020-1	06-Jul-20
NA	CMBS	JPMD 2020-COR7	17-Jun-20
NA	CMBS	FREMF 2020-K110	15-Jun-20
NA	CMBS	BANK 2020-BNK27	15-Jun-20
NA	CMBS	BBCMS Mortgage Trust 2020-C7	08-Jun-20
NA	CMBS	WFCM 2020-C56	21-May-20
NA	CMBS	Benchmark 2020-IG3 Mortgage Trust	19-May-20
NA	CMBS	FREMF 2020-K109	18-May-20
NA	CMBS	Arbor Multifamily Mortgage Securities Trust 2020-MF1	13-May-20
NA	CMBS	Benchmark 2020-IG2 Mortgage Trust	11-May-20
NA	CMBS	CoreVest American Finance 2020-2	11-May-20
NA	CMBS	Vertical Bridge Secured Tower Revenue Notes, Series 2020-1	06-May-20
NA	CMBS	MSC 2020-CNP	05-May-20
NA	CMBS	BX Commercial Mortgage Trust 2020-VIVA	05-May-20
NA	CMBS	GS Mortgage Securities Trust 2020-GC47	04-May-20
NA	CMBS	FREMF 2020-K738 Mortgage Trust	04-May-20
NA	CMBS	FREMF 2020-K108	27-Apr-20

NA	CMBS	FREMF 2020-K107	13-Apr-20
NA	CMBS	FREMF 2020-K106 Mortgage Trust	16-Mar-20
NA	CMBS	Taurus 2020-1 NL DAC	12-Mar-20
NA	CMBS	BX Commercial Mortgage Trust 2020-VIVA	05-Mar-20
NA	CMBS	CSAIL 2020-C19 Commercial Mortgage Trust	03-Mar-20
NA	CMBS	FREMF 2020-K105 Mortgage Trust	02-Mar-20
NA	CMBS	CoreVest American Finance 2020-1 Trust	02-Mar-20
NA	CMBS	Citigroup Commercial Mortgage Trust 2020-WSS	28-Feb-20
NA	CMBS	Benchmark 2020-B17	27-Feb-20
NA	CMBS	BANK 2020-BNK26	26-Feb-20
NA	CMBS	Taurus 2020-1 NL DAC	24-Feb-20
NA	CMBS	SGCMS 2020-COVE	24-Feb-20
NA	CMBS	Wells Fargo Commercial Mortgage Trust 2020-SDAL	18-Feb-20
NA	CMBS	FREMF 2020-K104	18-Feb-20
NA	CMBS	Citigroup Commercial Mortgage Trust 2020-555	18-Feb-20
NA	CMBS	SBALR Commercial Mortgage 2020-RR1 Trust	18-Feb-20
NA	CMBS	J.P. Morgan Chase Commercial Mortgage Securities Trust 2020-NNN	10-Feb-20
NA	CMBS	BAMLL Commercial Mortgage Securities Trust 2020-BOC	06-Feb-20
NA	CMBS	MKT 2020-525M	06-Feb-20
NA	CMBS	Citigroup Commercial Mortgage Trust 2020-GC46	06-Feb-20
NA	CMBS	MSC 2020-L4	04-Feb-20
NA	CMBS	Benchmark 2020-IG1	03-Feb-20
NA	CMBS	WFCM 2020-C55	03-Feb-20
NA	CMBS	CSMC 2020-WEST Mortgage Trust	29-Jan-20
NA	CMBS	COMM 2020-CBM	28-Jan-20
NA	CMBS	REAL-T 2020-1 (US CMBS)	28-Jan-20
NA	CMBS	BBCMS Mortgage Trust 2020-C6	24-Jan-20
NA	CMBS	Wells Fargo Commercial Mortgage Trust 2020-SOP	23-Jan-20
NA	CMBS	BANK 2020-BNK25	22-Jan-20
NA	CMBS	BX Commercial Mortgage Trust 2020-BXLP	21-Jan-20
NA	CMBS	FREMF 2020-K737	21-Jan-20
NA	CMBS	Benchmark 2020-B16 Mortgage Trust	21-Jan-20
NA	CMBS	JPMCC 2020-LOOP Mortgage Trust	15-Jan-20
NA	CMBS	GS Mortgage Securities Trust 2020-GC45	06-Jan-20
NA	RMBS	Angel Oak Mortgage Trust 2020-R1	17-Dec-20
NA	RMBS	GS Mortgage-Backed Securities Trust 2020-PJ6	10-Dec-20
NA	RMBS	CIM Trust 2020-J2	10-Dec-20
NA	RMBS	Starwood Residential Mortgage Trust 2020-2	04-Dec-20
NA	RMBS	Morgan Stanley Residential Mortgage Loan Trust 2020-1	03-Dec-20
NA	RMBS	Citigroup Mortgage Loan Trust 2020-RP2	24-Nov-20
NA	RMBS	LMAT 2018-RPL5	19-Nov-20
NA	RMBS	FKMF 2020-ML1	28-Oct-20
NA	RMBS	JPMMT 2020-8	27-Oct-20
NA	RMBS	COLT 2020-2R	27-Oct-20
NA	RMBS	CSMC 2020-RPL1	27-Oct-20
NA	RMBS	Citigroup Mortgage Loan Trust 2020-EXP2	26-Oct-20
NA	RMBS	Seasoned Credit Risk Transfer Trust 2020-3	26-Oct-20
NA	RMBS	BRAVO Residential Funding Trust 2020-RPL2	22-Oct-20
NA	RMBS	PSMC 2020-3 Trust	21-Oct-20
NA	RMBS	Ellington Financial Mortgage Trust 2020-2	21-Oct-20
NA	RMBS	Sequoia Mortgage Trust 2020-4	19-Oct-20
NA	RMBS	SG Residential Mortgage Trust 2020-2	19-Oct-20
NA	RMBS	BRAVO Residential Funding Trust 2020-TAC1	14-Oct-20
NA	RMBS	GS Mortgage-Backed Securities Trust 2020-PJ5	13-Oct-20
NA	RMBS	Towd Point Mortgage Trust 2020-4	07-Oct-20
NA	RMBS	COLT 2020-RPL1	02-Oct-20
NA	RMBS	Wells Fargo Mortgage Backed Securities 2020-5	02-Oct-20
NA	RMBS	CSMC 2020-RPL4	28-Sep-20
NA	RMBS	CSMC 2020-NQM1	28-Sep-20
NA	RMBS	JPMMT 2020-LTV2 (NOT RATED)	24-Sep-20
NA	RMBS	Citigroup Mortgage Loan Trust 2020-RP1	24-Sep-20
NA	RMBS	JPMMT 2020-7 (NOT RATED)	17-Sep-20

NA	RMBS	COLT 2020-1R Mortgage Loan Trust	16-Sep-20
NA	RMBS	OBX 2020-EXP3 Trust	15-Sep-20
NA	RMBS	CSMC 2018-RPL10	11-Sep-20
NA	RMBS	Wells Fargo Mortgage Backed Securities 2020-RR1 Trust	10-Sep-20
NA	RMBS	Angel Oak Mortgage Trust 2020-6	08-Sep-20
NA	RMBS	LMAT 2019-RPL1	04-Sep-20
NA	RMBS	LMAT 2018-RPL3	03-Sep-20
NA	RMBS	GSMBS 2020-NQM1 (NOT RATED)	26-Aug-20
NA	RMBS	Angel Oak Mortgage Trust 2020-5	24-Aug-20
NA	RMBS	BRAVO Residential Funding Trust 2020-NQM1	12-Aug-20
NA	RMBS	Flagstar Mortgage Trust 2020-2 (revised/New deal)	11-Aug-20
NA	RMBS	GSMBS 2020-RPL1	05-Aug-20
NA	RMBS	Wells Fargo Mortgage Backed Securities 2020-4 Trust	04-Aug-20
NA	RMBS	CSMC 2020-SPT1	31-Jul-20
NA	RMBS	Ajax Mortgage Loan Trust 2020-B	28-Jul-20
NA	RMBS	JPMMT 2020-INV2 (Not Rated)	23-Jul-20
NA	RMBS	JP Morgan Wealth Management Mortgage Trust 2020-ATR1	22-Jul-20
NA	RMBS	Chase Mortgage Reference Notes 2020-CL1	20-Jul-20
NA	RMBS	BMS Securities 2020-1	17-Jul-20
NA	RMBS	JPMMT 2020-5 (Not Rated)	16-Jul-20
NA	RMBS	Angel Oak Mortgage Trust 2020-4	15-Jul-20
NA	RMBS	OBX 2020-EXP2 Trust	13-Jul-20
NA	RMBS	Wells Fargo Mortgage Backed Securities 2020-3	09-Jul-20
NA	RMBS	Towd Point Mortgage Trust 2020-3	08-Jul-20
NA	RMBS	Seasoned Credit Risk Transfer Trust 2020-2	06-Jul-20
NA	RMBS	LMAT 2017-RPL2	01-Jul-20
NA	RMBS	CIM Trust 2020-R5	26-Jun-20
NA	RMBS	Structured Agency Credit Risk REMIC Trust 2020-DNA3	25-Jun-20
NA	RMBS	Angel Oak Mortgage Trust 2020-3	24-Jun-20
NA	RMBS	Citigroup Mortgage Loan Trust 2020-EXP1	23-Jun-20
NA	RMBS	JPMMT 2020-4 (Not Rated)	22-Jun-20
NA	RMBS	PSMC 2020-2 Trust	19-Jun-20
NA	RMBS	New Residential Mortgage Loan Trust 2020-NQM2	17-Jun-20
NA	RMBS	COLT 2020-3 Mortgage Loan Trust	17-Jun-20
NA	RMBS	GS Mortgage-Backed Securities Trust 2020-INV1	16-Jun-20
NA	RMBS	Deephaven Residential Mortgage Trust 2020-2	16-Jun-20
NA	RMBS	BRAVO Residential Funding Trust 2020-RPL1	12-Jun-20
NA	RMBS	Sequoia Mortgage Trust 2020-MC1	12-Jun-20
NA	RMBS	Wells Fargo Mortgage Backed Securities 2020-2	09-Jun-20
NA	RMBS	COLT 2020-2 Mortgage Loan Trust	05-Jun-20
NA	RMBS	CSMC 2017-RPL2	22-May-20
NA	RMBS	CSMC 2018-RPL1	21-May-20
NA	RMBS	Verus Securitization Trust 2020-2	21-May-20
NA	RMBS	CSMC 2019-RPL11	19-May-20
NA	RMBS	GS Mortgage-Backed Securities Trust 2020-PJ3	18-May-20
NA	RMBS	Angel Oak Mortgage Trust 2020-2	15-May-20
NA	RMBS	CSMC 2018-RPL6	14-May-20
NA	RMBS	CSMC 2019-RPL5	14-May-20
NA	RMBS	CSMC 2019-RPL7	14-May-20
NA	RMBS	First Republic Mortgage Trust 2020-1	14-May-20
NA	RMBS	LMAT 2020-RPL1	29-Apr-20
NA	RMBS	CSMC 2018-RPL12	20-Apr-20
NA	RMBS	TPMT 2020-2	23-Mar-20
NA	RMBS	CIM 2020-R2	18-Mar-20
NA	RMBS	JPMMT 2020-3 (Not Rated)	18-Mar-20
NA	RMBS	FSMT 2020-2	12-Mar-20
NA	RMBS	SCRT 2020-1	04-Mar-20
NA	RMBS	TPMT 2020-MH1	04-Mar-20
NA	RMBS	SEMT 2020-3	02-Mar-20
NA	RMBS	CAS 2020-SBT1	02-Mar-20
NA	RMBS	STACR 2020-HQA2	27-Feb-20
NA	RMBS	JPMMT 2020-2 (Not Rated)	21-Feb-20

NA	RMBS	JPMMT 2020-INV1 (Not Rated)	19-Feb-20
NA	RMBS	OBX 220-EXP1	12-Feb-20
NA	RMBS	GSMBS 2020-PJ2	11-Feb-20
NA	RMBS	SEMT 2020-2	06-Feb-20
NA	RMBS	STACR 2020-HQA1	23-Jan-20
NA	RMBS	JPMMT 2020-1 (Not Rated)	22-Jan-20
NA	RMBS	TPMT 2020-1	21-Jan-20
NA	RMBS	PSMC 2020-1	21-Jan-20
NA	RMBS	JPMMT 2020-LTV1 (Not Rated)	14-Jan-20
NA	RMBS	COLT 2020-1	13-Jan-20
NA	RMBS	GSMBS 2020-PJ1	13-Jan-20
NA	RMBS	CAS 2020-R01	13-Jan-20
NA	RMBS	NRMLT 2020-NQM1	08-Jan-20
NA	RMBS	SEMT 2020-1	02-Jan-20
NA	SC	Crown City CLO II	10-Dec-20
NA	SC	NXT Capital CLO 2020-1, LLC	04-Dec-20
NA	SC	Canyon CLO 2020-3, Ltd.	04-Dec-20
NA	SC	Golub Capital Partners CLO 52(B), Ltd.	04-Dec-20
NA	SC	KKR CLO 32 Ltd.	25-Nov-20
NA	SC	CBAM 2020-13 Ltd.	24-Nov-20
NA	SC	Kayne CLO 9, Ltd.	30-Oct-20
NA	SC	Fortress Credit BSL IX Limited	29-Oct-20
NA	SC	Halsey Point CLO III, Ltd	22-Oct-20
NA	SC	Owl Rock CLO V, Ltd.	20-Oct-20
NA	SC	Silver Rock CLO I, Ltd.	13-Oct-20
NA	SC	FLATIRON CLO 20 LTD	01-Oct-20
NA	SC	Voya CLO 2020-3, Ltd.	25-Sep-20
NA	SC	Golub Capital Partners CLO 50(B), Ltd.	24-Sep-20
NA	SC	AGL Core CLO 8 Ltd.	23-Sep-20
NA	SC	Palmer Square Loan Funding 2020-4, Ltd.	21-Sep-20
NA	SC	CIFC Funding 2020-III, Ltd.	11-Sep-20
NA	SC	Whitebox CLO II Ltd.	21-Aug-20
NA	SC	Octagon Investment Partners 48, Ltd.	19-Aug-20
NA	SC	AGL CLO 7 Ltd.	10-Aug-20
NA	SC	Parallel 2020-1 Ltd.	06-Aug-20
NA	SC	Ocean Trails CLO IX	31-Jul-20
NA	SC	Northwoods Capital 22, Limited	24-Jul-20
NA	SC	Palmer Square CLO 2020-2, Ltd.	20-Jul-20
NA	SC	CIFC Funding 2020-II, Ltd.	20-Jul-20
NA	SC	Benefit Street Partners CLO XXI, Ltd.	15-Jul-20
NA	SC	Nassau 2020-I Ltd.	14-Jul-20
NA	SC	Kayne CLO 8, Ltd.	01-Jul-20
NA	SC	Anchorage Capital CLO 15, Ltd.	30-Jun-20
NA	SC	Ocean Trails CLO 8	26-Jun-20
NA	SC	Crown City CLO 1	17-Jun-20
NA	SC	Ballyrock CLO 2020-1 Ltd.	12-Jun-20
NA	SC	CIFC Funding 2020-I, Ltd.	12-Jun-20
NA	SC	Sound Point CLO XXVI, Ltd.	05-Jun-20
NA	SC	HalseyPoint CLO 2, Ltd.	03-Jun-20
NA	SC	Bain Capital Credit CLO 2020-2, Limited	29-May-20
NA	SC	AGL CLO 5 Ltd.	27-May-20
NA	SC	Octagon Investment Partners 47, Ltd.	20-May-20
NA	SC	Palmer Square Loan Funding 2020-3, Ltd.	19-May-20
NA	SC	Pikes Peak CLO 6	04-May-20
NA	SC	Palmer Square CLO 2020-1, Ltd.	01-May-20
NA	SC	Canyon CLO 2020-1, Ltd.	17-Apr-20
NA	SC	AGL Core CLO 4, Ltd	14-Apr-20
NA	SC	Stratus CLO 2020-1, Ltd.	02-Apr-20
NA	SC	Trinitas CLO XII, Ltd.	12-Mar-20
NA	SC	Neuberger Berman Loan Advisers CLO 36, Ltd	09-Mar-20
NA	SC	Harriman Park CLO, Ltd.	06-Mar-20
NA	SC	Palmer Square Loan Funding 2020-2, Ltd.	03-Mar-20

NA	SC	Golub Capital Partners CLO 47(M), L.P.	27-Feb-20
NA	SC	Elmwood CLO IV, Ltd.	26-Feb-20
NA	SC	Dryden 78 CLO, Ltd	25-Feb-20
NA	SC	Venture 39 CLO, Limited	25-Feb-20
NA	SC	Elevation CLO 2020-11, Ltd.	21-Feb-20
NA	SC	Kayne CLO 7, Ltd.	21-Feb-20
NA	SC	ZAIS CLO 14, Limited	20-Feb-20
NA	SC	Pikes Peak CLO 5	19-Feb-20
NA	SC	Golub Capital Partners CLO 48(B), Ltd.	19-Feb-20
NA	SC	OHA Credit Funding 5, Ltd.	18-Feb-20
NA	SC	TICP CLO VII, Ltd.	14-Feb-20
NA	SC	Wellfleet CLO 2020-1, Ltd.	13-Feb-20
NA	SC	AGL CLO 3 Ltd.	12-Feb-20
NA	SC	Mariner CLO 8, Ltd.	11-Feb-20
NA	SC	Marble Point CLO XVII, Ltd.	11-Feb-20
NA	SC	Apidos CLO XXIII	07-Feb-20
NA	SC	ALM 2020, LTD.	05-Feb-20
NA	SC	Jamestown CLO XV Ltd.	31-Jan-20
NA	SC	OHA Loan Funding 2016-1, Ltd.	31-Jan-20
NA	SC	KKR CLO 28 Ltd.	29-Jan-20
NA	SC	Battalion CLO XV Ltd.	28-Jan-20
NA	SC	Gulf Stream Meridian 1 Ltd.	27-Jan-20
NA	SC	Symphony CLO XXII, Ltd.	23-Jan-20
NA	SC	TICP CLO XV, Ltd.	23-Jan-20
NA	SC	ICG US CLO 2015-2R, Ltd.	22-Jan-20
NA	SC	Trestles CLO III, Ltd.	15-Jan-20
NA	SC	Palmer Square Loan Funding 2020-1, Ltd.	10-Jan-20