



DUS Disclose Monthly Ongoing File Layout

The file format is for users to program their systems and is applicable to Fannie Mae Multifamily MBS and Multifamily Megas. The files are presented as CSV with a “,” delimiter.

POSITION	FIELD NAME	TYPE	MAX LENGTH*
Record Type 1 - Bond Level			
1	Record Type	VARCHAR	1
2	Transaction ID	VARCHAR	38
3	Distribution Date	DATETIME	4/2/2
4	Record Date	DATETIME	4/2/2
5	Class Name / Class ID	VARCHAR	200
6	CUSIP	VARCHAR	38
7	Original Note Amount	NUMERIC	17,2
8	Notional Flag	VARCHAR	1
9	Bond Beginning Balance	NUMERIC	17,2
10	Scheduled Principal Amount	NUMERIC	17,2
11	Unscheduled Principal Collections	NUMERIC	17,2
12	Total Principal Distribution	NUMERIC	17,2
13	Realized Loss (Gain) to Trust	NUMERIC	17,2
14	Bond Ending Balance	NUMERIC	17,2
15	Current Index Rate	NUMERIC	21,10
16	Remittance Rate / Pass Through Rate	NUMERIC	21,10
17	Interest Accrual Method	VARCHAR	255
18	Accrual Days	NUMERIC	10
19	Accrued Interest	NUMERIC	17,2
20	Prepayment Penalty / Premium Allocation	NUMERIC	17,2
21	Yield Maintenance Allocation	NUMERIC	17,2
22	Interest Shortfall / (Excess)	NUMERIC	17,2
23	Total Interest Distribution	NUMERIC	17,2
24	Cumulative Prepayment Penalty / Premium Allocation	NUMERIC	17,2
25	Cumulative Yield Maintenance Allocation	NUMERIC	17,2
26	Beginning Unpaid Interest Balance	NUMERIC	17,2
27	Ending Unpaid Interest Balance	NUMERIC	17,2
28	Trustee	VARCHAR	200
Record Type 2 - Loan Level			
1	Record Type	VARCHAR	1
2	Transaction ID	VARCHAR	38
3	Group ID	VARCHAR	20
4	Loan ID	VARCHAR	10

Numeric fields with decimal places are indicated in the File Layout with a “,”. For example 2,4 means there are 2 characters before the decimal point and 4 characters after the decimal point. Date fields with forward slashes are indicated in the File layout with a forward slash “/” in between the month and day, the day and year, and the month and year. For example 2/2/4 means that there are up to 2 numeric characters in the month, up to 2 numeric characters in the day and 4 numeric characters in the year. Likewise 2/4 indicates that there are up to 2 characters in the month and 4 characters in the year.



POSITION	FIELD NAME	TYPE	MAX LENGTH*
5	Prospectus Loan ID	VARCHAR	10
6	Distribution Date	DATETIME	4/2/2
7	Current Beginning Scheduled Balance	NUMERIC	17,2
8	Current Ending Scheduled Balance	NUMERIC	17,2
9	Paid Through Date	DATETIME	4/2/2
10	Current Index Rate	NUMERIC	14,10
11	Current Note Rate	NUMERIC	14,10
12	Maturity Date	DATETIME	4/2/2
13	Net Rate	NUMERIC	14,10
14	Next Index Rate	NUMERIC	14,10
15	Next Note Rate	NUMERIC	14,10
16	Next Rate Adjustment Date	DATETIME	4/2/2
17	Next Payment Adjustment Date	DATETIME	4/2/2
18	Scheduled Interest Amount	NUMERIC	17,2
19	Scheduled Principal Amount	NUMERIC	17,2
20	Total Scheduled P&I Due	NUMERIC	17,2
21	Unscheduled Principal Collections	NUMERIC	17,2
22	Liquidation/Prepayment Date	DATETIME	4/2/2
23	Prepayment Premium/Yield Maintenance (YM) Received	NUMERIC	17,2
24	Liquidation/Prepayment Code	VARCHAR	255
25	Actual Balance	NUMERIC	17,2
26	Preceding Fiscal Year Revenue	NUMERIC	17,2
27	Preceding Fiscal Year Operating Expenses	NUMERIC	17,2
28	Preceding Fiscal Year Debt Service Amount	NUMERIC	17,2
29	Preceding Fiscal Year Physical Occupancy	NUMERIC	14,10
30	Preceding Fiscal Year Financial As Of Date	DATETIME	4/2/2
31	Second Preceding Fiscal Year Revenue	NUMERIC	17,2
32	Second Preceding Fiscal Year Operating Expenses	NUMERIC	17,2
33	Second Preceding Fiscal Year Debt Service Amount	NUMERIC	17,2
34	Second Preceding Fiscal Year Physical Occupancy	NUMERIC	14,10
35	Second Preceding Fiscal Year Financial As Of Date	DATETIME	4/2/2
36	Most Recent Revenue	NUMERIC	17,2
37	Most Recent Operating Expenses	NUMERIC	17,2
38	Most Recent Debt Service Amount	NUMERIC	17,2
39	Most Recent Physical Occupancy	NUMERIC	14,10
40	Most Recent Financial As of Start Date	DATETIME	4/2/2
41	Most Recent Financial As of End Date	DATETIME	4/2/2
42	Most Recent Valuation Date	DATETIME	4/2/2
43	Most Recent Value	NUMERIC	17,2
44	Most Recent Financial Indicator	VARCHAR	2
45	Last Loan Contribution Date	DATETIME	4/2/2
46	Last Property/Collateral Contribution Date	DATETIME	4/2/2



POSITION	FIELD NAME	TYPE	MAX LENGTH*
47	Number of Properties	NUMERIC	10
48	NOI/NCF Indicator	VARCHAR	255
49	Preceding Fiscal Year NCF	NUMERIC	17,2
50	Preceding Fiscal Year DSCR (NCF)	NUMERIC	17,12
51	Second Preceding Fiscal Year NCF	NUMERIC	17,2
52	Second Preceding Fiscal Year DSCR (NCF)	NUMERIC	17,12
53	Most Recent NCF	NUMERIC	17,2
54	Most Recent DSCR (NCF)	NUMERIC	17,12
55	Defeasance Status	VARCHAR	255
56	Total Loan Amount at Origination	NUMERIC	17,2
57	Master Servicer	VARCHAR	200
Record Type 3 - Property Level			
1	Record Type	VARCHAR	1
2	Transaction ID	VARCHAR	38
3	Loan ID	VARCHAR	10
4	Prospectus Loan ID	VARCHAR	10
5	Property ID	NUMERIC	38
6	Distribution Date	DATETIME	4/2/2
7	Property Name	VARCHAR	200
8	Property Address	VARCHAR	200
9	Property City	VARCHAR	200
10	Property State	VARCHAR	6
11	Property Zip Code	VARCHAR	5
12	Property County	VARCHAR	200
13	Property Type	VARCHAR	255
14	Year Built	NUMERIC	4
15	Current Number of Units/Beds/Rooms	NUMERIC	10
16	Property Status	VARCHAR	255
17	Allocated Percentage of Loan at Contribution	NUMERIC	14,10
18	Current Allocated Percentage	NUMERIC	14,10
19	Current Allocated Ending Scheduled Loan Amount	NUMERIC	17,2
20	Ground Lease (Y/N)	VARCHAR	1
21	Most Recent Valuation Date	DATETIME	4/2/2
22	Most Recent Value	NUMERIC	17,2
23	Most Recent Physical Occupancy	NUMERIC	14,10
24	Most Recent Occupancy As Of Date	DATETIME	4/2/2
25	Fiscal Year End Month	VARCHAR	200
26	Contribution Financials As Of Date	DATETIME	4/2/2
27	Revenue at Contribution	NUMERIC	17,2
28	Operating Expenses at Contribution	NUMERIC	17,2
29	Valuation Amount at Contribution	NUMERIC	17,2
30	Valuation Date at Contribution	DATETIME	4/2/2



POSITION	FIELD NAME	TYPE	MAX LENGTH*
31	Physical Occupancy at Contribution	NUMERIC	14,10
32	Date of Last Inspection	DATETIME	4/2/2
33	Preceding Fiscal Year Financial As Of Date	DATETIME	4/2/2
34	Preceding Fiscal Year Revenue	NUMERIC	17,2
35	Preceding Fiscal Year Operating Expenses	NUMERIC	17,2
36	Preceding Fiscal Year Debt Service Amount	NUMERIC	17,2
37	Preceding Fiscal Year Physical Occupancy	NUMERIC	14,10
38	Second Preceding Fiscal Year Financial As Of Date	DATETIME	4/2/2
39	Second Preceding Fiscal Year Revenue	NUMERIC	17,2
40	Second Preceding Fiscal Year Operating Expenses	NUMERIC	17,2
41	Second Preceding Fiscal Year Debt Service Amount	NUMERIC	17,2
42	Second Preceding Fiscal Year Physical Occupancy	NUMERIC	14,10
43	Property / Collateral Contribution Date	DATETIME	4/2/2
44	Most Recent Revenue	NUMERIC	17,2
45	Most Recent Operating Expenses	NUMERIC	17,2
46	Most Recent Debt Service Amount	NUMERIC	17,2
47	Most Recent Financial As Of Start Date	DATETIME	4/2/2
48	Most Recent Financial As Of End Date	DATETIME	4/2/2
49	Most Recent Financial Indicator	VARCHAR	255
50	NCF at Contribution	NUMERIC	17,2
51	Preceding Fiscal Year NCF	NUMERIC	17,2
52	Preceding Fiscal Year DSCR (NCF)	NUMERIC	17,12
53	Second Preceding Fiscal Year NCF	NUMERIC	17,2
54	Second Preceding Fiscal Year DSCR (NCF)	NUMERIC	17,12
55	Most Recent NCF	NUMERIC	17,2
56	Most Recent DSCR (NCF)	NUMERIC	17,12
57	NOI / NCF Indicator	VARCHAR	255
58	Deferred Maintenance Flag	VARCHAR	1
59	Property Condition	VARCHAR	255
Record Type 4 - Collateral Summary Level			
1	Record Type	N/A	1
2	Transaction ID	VARCHAR	38
3	Group ID	VARCHAR	20
4	Distribution Date	DATETIME	4/2/2
5	Original Loan Count	NUMERIC	10
6	Ending Current Period Loan Count	NUMERIC	10
7	Current Ending Scheduled Balance	NUMERIC	17,2
8	Prepaid loans - Number	NUMERIC	4
9	Prepaid loans - Principal	NUMERIC	17,2
10	Unscheduled Principal Collections / Other Principal Adjustments	NUMERIC	17,2
11	Total Penalty for the Period	NUMERIC	17,2



POSITION	FIELD NAME	TYPE	MAX LENGTH*
12	Realized Loss (Gain) to Trust	NUMERIC	17,2
13	Amortization WAM	NUMERIC	4
14	Maturity WAM	NUMERIC	4
15	Calculated WAC	NUMERIC	21,10